

TEECO

PRODUCTS, INC.

Master Catalog

Proudly Serving the LP-Gas Industry Since 1946

Regulators - Pumps - Dispensers - Hose - Tanks - Cylinders - Paint - Valves - Gauges - Vaporizers - Gloves

Heaters - Decals - Appliances - Carburetion Equipment - Repair Kits



Compressors - Meters - PE Pipe - Fittings - Risers - Tank Heaters

Truck Inspections & Repairs - Engineering & Construction Services - Dispenser Fabrication



Sacramento, CA: 800-225-6621

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www.teecoproducts.com

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The TEECO Catalog features:

- Pricing next to part number.
- Parts breakdowns and diagrams on commonly ordered items.
- Comprehensive table of contents and index sections.

This catalog represents a broad sample of the products we offer. However, if you don't see what you're looking for, please contact TEECO and we'll do our best to help you.

TERMS

Net thirty (30) days from invoice date. Customers with established credit and an account on a current basis will be shipped open account. C.O.D. shipments, unless prior arrangements are made, will be on a cash or cashiers check basis. Credit cards accepted. Shipments to past due accounts may be held pending payment. Past due accounts are subject to a service charge of 2% per month.

FREIGHT

All shipments are F.O.B. shipping point. All prepaid freight charges will be added to invoice or billed separately. Method and routing of shipment will be at the discretion of TEECO Products, Inc. unless specific instructions are provided by the customer. All additional expense will be the responsibility of the customer.

TEECO Products, Inc. assumes no responsibility for merchandise lost, damaged or delayed in transit. Our responsibility ends when merchandise is delivered to or receipted for by carrier. If delivered goods are damaged in transit, the delivering transportation company is required by law to make notation of damages on freight bill. Should the damage not be discovered until after the goods are unpacked, it should be reported at once to the agent, who will make an inspection and grant a "concealed damage" notification, The carrier, not the shipper should be charged with any loss or damage, and any claim should be filed with the delivering transportation company.


SHORTAGES

All claims of shortages must be made within two (2) days of receipt of shipment by customer.

RETURN FOR CREDIT POLICY

TEECO Products, Inc. will accept the return of merchandise for replacement or credit under the following conditions and within this stated policy.

- 1) Merchandise returned with required prior return material authorization and returned within 45 days of original shipment will be accepted without any charge.
- 2) Merchandise to be returned after 45 days of original shipment must include a completed return material tag with prior authorization. Returns other than defectives over 45 days from original shipment may be subject to a nominal handling charge or a restocking charge.
- 3) Special order-non-stock merchandise other than defectives will not be accepted for return until the manufacturer/supplier has issued return authorization. A restocking charge equal to the manufacturers/ suppliers restocking charge will be applicable.

 **WARNING:** Some products we offer can expose you to chemicals including lead which is known to the state of California to cause cancer, birth defects or reproductive harm. For more information go to <https://www.p65warnings.ca.gov/>

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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(949) 261-6295
FAX: (949) 474-8663

4) No merchandise, unless under manufacturer's warranty, will be accepted for return after 90 days from original shipment.

All authorized returns must have:

- Prior authorization from TEECO Products, Inc..
- Return material tag completed with original order/invoice number included.
- Reason for return.
- Be returned within allowable time limits.
- Shipping costs paid.

Following this stated return policy will help TEECO Products, Inc. process legitimate returns and help reduce the costs involved to allow you the benefit of lower prices on the merchandise you require to operate your business.

TEECO Products, Inc. has for years maintained a very liberal return for credit policy. We wish to maintain that policy but within reasonable guidelines. If you follow the above stated policy we can process your legitimate returns with the least amount of confusion and at the lowest possible cost to all.

PRICES

Prices are subject to change without notice. All shipments will be at prices in effect at time of shipment. Written price quotations are subject to the terms of quotation. Verbal price quotations are subject to correction of price at time of shipment.

WARRANTY

TEECO Products, Inc. assumes no responsibility for warranties other than those specified by the manufacturer of the merchandise. All claims for warranty are subject to manufacturer's inspection and determination. TEECO Products, Inc. liability for any and all losses or damages shall be limited to original purchase price or replacement of warranted merchandise.

TAXES

Buyer assumes responsibility for all sales, use or excise taxes not included in total invoice price. Appropriate state and local taxes will be charged to all accounts not providing a valid resale exemption certificate.

CATALOG-PRICE LIST

Possession of a catalog and/or price list does not, necessarily, imply intent by TEECO Products, Inc. to sell.

IMPORTANT: Some products offered for sale herein may contain lead and are not intended for use in water systems.

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Compact High Pressure First Stage Regulator

Replaces LV3303TR. Ideal for use as a first stage regulator on any domestic size ASME or DOT container in propane gas installations requiring up to 1,500,000 BTUs/hour. The use of a positive, direct-acting lever style improves performance in situations where ambient temperature is at freezing and fuel has high moisture content. Case quantity: 20 regulators.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV3403TR	1/4" F. NPT	1/2" F. NPT	1/4"	10 PSIG	Over Outlet	1,500,000
LV3403TRV9					9 O'clock	
LV3403TR9			Over Outlet			
LV3403TR9V9			9 O'clock			
			7/32"			

* Maximum flow based on inlet pressure 20 PSIG higher than the regulator setting and delivery pressure 20% lower than the regulator setting.



LV3403TR9V9

Compact Second Stage Regulator

The LV3403B4 is designed to reduce first stage pressure of 5-20 PSIG down to burner pressure normally 11" w.c. Designed as a second stage regulator for smaller applications with flow requirements up to 450,000 BTU/hr, they are ideal for homes, mobile homes and cottages. Large vent helps prevent vent blockage, Case quantity: 20 regulators.

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. *
LV3403B4	1/2" F.NPT	1/2" F.NPT	1/4"	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Inlet	450,000
LV3403B4V3						3 o'clock	
LV3403B4V0						Outlet	
LV3403B4V9						9 o'clock	



LV3403B4

Compact "Back-Mount" Regulator

The LV3403BR Back Mount Regulator is designed to reduce first stage pressure of 5-10 PSIG down to burner pressure normally 11" w.c. Designed as a second stage regulator for smaller applications with flow requirements up to 450,000 BTU/hr. and are ideal for homes, mobile homes, and cottages.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV3403B44R	1/2" F. NPT	1/2" F. NPT	7/32"	11" wc @ 10 PSIG Inlet	Over Outlet	450,000
LV3403B46R		3/4" F. NPT			Over Inlet	
LV3403B66R	3/4" F. NPT					

*Maximum flow based on 10 PSIG inlet and 9" w.c. delivery pressure.



LV3403B66R

High Pressure First Stage Regulators

Provides accurate first stage regulation in two-stage bulk tank systems. Handles vaporization of tanks up to 1200 gallons. Reduces tank pressure to an intermediate pressure of 5 to 10 PSIG. Also used to supply high pressure burners for applications like industrial furnaces or boilers. Also incorporated in multiple cylinder installations. Integral Relief Valve Included. Case quantity: 10 regulators.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure (PSIG)	Adjustment Range* (PSIG)	Integral Relief Included	Vapor Capacity BTU/hr. Propane**	
LV4403SR4	1/2" F. NPT	1/2" F. NPT	1/4"	5	1-5	Yes	2,500,000	
LV4403TR4				10	5-10			
LV4403SR9	F. POL			5	1-5			
LV4403TR9					10			5-10
LV4403SR96				3/4" F. NPT	5			1-5
LV4403TR96					10			5-10

* When used for final stage pressure control, must either incorporate integral relief valve or separate relief valve should be specified in accordance with NFPA Pamphlet 58.

** Maximum flow based on inlet pressure 20 PSIG higher than the regulator setting and delivery pressure 20% lower than the setting.



LV4403TR96

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Low Pressure Second Stage Regulators - 935,000 btu/hr.

Designed to reduce first stage pressure of 5 to 20 PSIG down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads. **Backmount Design** - Mounts directly to house line piping. Eliminates need for union joints, elbows, and mounting brackets. Quick and easy to install.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane**
LV4403B4	1/2" F. NPT	1/2" F. NPT	#28 Drill	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B46		3/4" F. NPT					
LV4403B46R*							
LV4403B66	3/4" F. NPT						
LV4403B66R*							

* Backmount design. ** Maximum flow based on 10 PSIG inlet and 9" w.c. delivery pressure.



90° Low Pressure Second Stage Regulator - 1,000,000 btu/hr.

Designed to reduce first stage pressure down to appliance pressure, normally 11" w.c. Ideal for medium commercial installations, vapor meter installations and normal domestic loads. Its right angle design mounts to a vapor meter, or directly to the house piping. Compact design makes for ease of installation in new and retrofit install situations. The LV4403B66RA will retrofit into existing installations that are currently using a 90°, right angle regulator.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV4403B66RA	3/4" F. NPT	3/4" F. NPT	3/16"	11" w.c. at 10 PSIG inlet	9" to 13" w.c.	Over Inlet	1,000,000
LV4403B66RAB**							

* Maximum flow is based on 10 PSIG inlet and 9" water column delivery pressure.

** Mounting bracket included



LV4403B66RA



LV4403B66RAB



LV4403B66RA on a meter

Low Pressure Second Stage Regulators - 1,600,000 - 2,300,000 btu/hr.

Designed to reduce first stage pressure of 5 to 20 PSIG down to burner pressure, normally 11" w.c. Ideal for larger commercial and industrial applications, multiple cylinder installations and large domestic systems.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV5503B4	1/2" F. NPT	3/4" F. NPT	1/4"	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	1,600,000
LV5503B6	3/4" F. NPT						
LV5503B8		1" F. NPT	9/32"				2,300,000

LV5503B Series



Dielectric Second Stage Regulators

LV4403BD Series

Designed to reduce first stage pressure, normally 10 PSIG down to burner pressure, normally 11" w.c. and ideal for medium commercial installations, multiple cylinders installations and normal domestic loads. RegO Dielectric second stage regulators are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection. All second stage features same as LV4403B Series.

Part no.	Inlet Connection	Outlet Connection	Inlet Material	Orifice Size	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane
LV4403B4D	1/2" F.NPT	1/2" F.NPT	Brass & Plated Steel	#28 Drill	9" to 13" w.c.	Over Inlet	935,000
LV4403B46D		3/4" F.NPT					
LV4403B66D	1/2" F.NPT						
LV4403B46RD							
LV4403B66RD	3/4" F.NPT	3/16"					
LV4403B66RAD							
LV4403B66RABD							

Other sizes available. Please call Teeco for information.

LV5503BD Series

Available in both SAE Flare and FNPT inlet connections. With 15 PSIG inlet pressure, regulator is designed to not pass more than 5 PSIG with the seat disc removed. The dielectric union is part of the inlet assembly. Straight line valve closure reduces wear on the seat disc. Replaceable valve orifice and valve seat disc. Extra long lever arm for uniform pressure delivery. Large bonnet vent profile minimizes vent freeze over when properly installed

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane
LV5503B4D	1/2" F.NPT	3/4" F.NPT	1/4"	9" - 13" w.c.	Over Inlet	1,600,000
LV5503B6D	3/4" F.NPT		9/32"			2,300,000
LV5503B8D		1" F.NPT				

LV4403Y3D

Dielectric second stage 2 PSI regulators for isolating potential electrical current from metallic piping. With 15 PSIG inlet pressure, regulator is designed to not pass more than 5 PSIG with the seat disc removed. Dielectric union is part of the inlet assembly. Straight line valve closure reduces wear on the seat disc. Replaceable valve orifice and valve seat disc. Built in pressure tap has plugged 1/8" F.NPT outlet. Plug can be removed with a 3/16" hex wrench. Large vent has 3/4" F.NPT for vent piping.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane
LV4403Y4D	1/2" F.NPT	1/2" F.NPT	1/4"	1 PSIG @ 10 PSIG Inlet	Over Inlet	1,000,000
LV4403Y46D		3/4" F.NPT				
LV4403Y66D	1/2" F.NPT					
LV4403Y46RD						
LV4403Y66RD	3/4" F.NPT					

Other sizes available. Please call Teeco for information.

** Maximum flow based on 10 PSIG inlet and 9" w.c. delivery pressure.

LV5503YD Series

Dielectric second stage 2 PSI regulators for isolating potential electrical current from metallic piping. With 15 PSIG inlet pressure, regulator is designed to not pass more than 5 PSIG with the seat disc removed. The dielectric union is part of the inlet assembly. Straight line valve closure reduces wear on the seat disc. Replaceable valve orifice and valve seat disc.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane
LV5503Y46D	1/2" F.NPT	3/4" F.NPT	1/4"	2 PSIG @ 10 PSIG Inlet	Over Inlet	2,200,000
LV5503Y48D		1" F.NPT	9/32"			
LV5503Y66D	3/4" F.NPT	3/4" F.NPT	1/4"			
LV5503Y68D		1" F.NPT	9/32"			

Maximum flow based on 10 PSIG inlet and 1.5 PSIG delivery pressure.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.



LV4403Y3D



Second Stage Regulator for 2 PSIG Systems

Designed to reduce first stage pressure of 10 PSIG down to 2 PSIG. Systems that utilize this regulator use smaller than normal piping inside of the building. A special final stage regulator, not the appliance regulator, is required to reduce this intermediate 2 PSIG pressure down to 11" w.c.

Part no.	Inlet Connection	Outlet Connection	Factory Orifice Size	Bonnet Delivery Pressure	Vent Position	Vapor Capacity BTU/hr. Propane*
LV4403Y4	1/2" F. NPT	1/2" F. NPT	1/4"	2 PSIG @ 10 PSIG Inlet	Over Inlet	1,000,000
LV4403Y46R		3/4" F. NPT				1,000,000
LV5503Y6	3/4" F. NPT	3/4" F. NPT	9/32"	2 PSIG @ 10 PSIG Inlet	Over Inlet	2,200,000
LV5503Y8		1" F. NPT				2,200,000

*Maximum flow based on 10 PSIG inlet and 2 PSIG delivery pressure.



Low Pressure Second Stage Tobacco Barn Regulator

Especially developed for drying barns in the tobacco industry. The LV5503G4 regulator will supply a steady and constant flow of fuel to as many as 12 to 20 burners throughout the barn.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV5503G4	1/2" F. NPT	3/4" F. NPT	1/4"	15" w.c. at 15 PSIG Inlet	8" to 18" w.c.	Above Inlet	1,750,000

* Maximum flow based on 15 PSIG inlet and 13" w.c. delivery pressure.



Compact Twin Stage Regulators - up to 525,000 BTU/hr.

This compact two-stage regulator is designed to reduce container pressure down to 11" w.c. delivery pressure. It is ideal for "on-site" cylinder applications, mobile homes and average domestic service including small ASME and 100 to 420 pound DOT cylinders.



Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position 1st Stage	Bonnet Vent Position 2nd Stage	Vapor Capacity BTU/hr. Propane*	Accessories: 1st Stage Vent Pipe-away
LV404B4	1/4" F. NPT	1/2" F. NPT	3/16"	11" w.c. at 100 PSIG Inlet	9" to 13" w.c.	Down	Over Outlet	525,000	404PE
LV404B4V9						9 O'clock	9 O'clock		
LV404B46		3/4" F. NPT				Down	Over Outlet		
LV404B46V9	9 O'clock					9 O'clock			
LV404B9	F. POL	1/2" F. NPT				Down	Over Outlet		
LV404B9V9						9 O'clock	9 O'clock		
LV404B96		3/4" F. NPT	Down	Over Outlet					
LV404B96V9			9 O'clock	9 O'clock					

* Maximum flow based on 25 PSIG inlet pressure and 9" w.c. delivery pressure.

2 PSIG Delivery Pressure Twin Stage Regulator

Designed to reduce container pressure down to 2 PSIG. A line pressure regulator is required downstream to reduce the 2 PSIG to a nominal 11" W.C.

Part no.	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range (PSIG)	Bonnet Vent Position 1st Stage	2 PSIG Bonnet Vent Position	Capacity BTU/hr.
LV404Y9	F.POL (CGA 510)	1/2" F. NPT	3/16"	2 PSIG	1.8 to 2.5	Down	Outlet	800,000
LV404Y39			7/32"					650,000



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Compact Twin Stage Regulators - up to 450,000 BTU/hr.

Designed to reduce container pressure down to 11" w.c. delivery pressure. Ideal for "on site" container applications such as homes, mobile homes and cottages for average domestic service, including small ASME tanks and 100-420 lb DOT cylinders.



Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range 2nd Stage	Bonnet Vent Position 1st Stage**	Bonnet Vent Position 2nd Stage**	Vapor Capacity BTU/hr*
LV404B34	1/4" F.NPT	1/2" F.NPT	7/32"	11" w.c. @ 100 PSIG Inlet	9:" to 13" w.c.	Rear	Outlet	450,000
LV404B39	F. POL					Left	9:00	
LV404B34V9	1/4" F.NPT							
LV404B39V9	F. POL							

Twin Stage Automatic Changeover Regulators

These combination automatic changeover, two stage regulators are especially suitable for homes, mobile homes, cottages, construction and other portable two cylinder installations. Empty containers may be replaced without interrupting gas service.



Part no.	Inlet Connection	Outlet Connection	Factory Delivery Pressure	Adjustment Range 2nd Stage	Bonnet Vent Position 2nd Stage	Service and Reserve Indicator	Bracket Included	Vapor Capacity BTU/hr. Propane*
7525B34	1/4" Inverted Flare	1/2" F. NPT	11" w.c.	9" to 13" w.c.	Over Outlet	Integral	7519-60	400,000
7525B4							2503-22	500,000

* Set at 100 PSIG inlet pressure. ** Maximum flow based on 25 PSIG inlet pressure and 9" water column delivery pressure.

Two Stage Regulator Outfits

These outfits contain the equipment required to provide two-stage regulation.

Kit Number	1st Stage Regulator Included		2nd Stage Regulator Included		Bracket Included	Pigtail Included	Capacity BTU/hr. Propane
	Part no.	Inlet x Outlet Female	Part no.	Inlet x Outlet F. NPT			
5807	LV4403TR9	POL x 1/2" NPT	LV4403B4	1/2" x 1/2"	2503-22	913PS12	935,000
5808			LV4403B46R	1/2" x 3/4"	Not Required		
5820	LV4403TR96	POL x 3/4" NPT	LV4403B66R	3/4" x 3/4"			



LV4403TR9



LV4403B4



2503-22



913PS12

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Twin Stage Regulator Outfit

This outfit contains the equipment required to provide twin-stage regulation.

Kit Number	Twin Stage Regulator Included	Inlet F. NPT	Outlet F. NPT	Pigtails Included	Capacity BTU/hr. Propane
5828	LV404B4	1/4"	1/2"	912JS12	525,000
5832	LV404B34V9				450,000



912JS12



LV404B4



LV404B34 Series

Automatic Changeover Regulator Outfits

These outfits contain the equipment required to provide automatic changeover regulation.

Kit Number	Automatic Changeover Regulator Included	Inlet	Outlet	Pigtails Included (2)	Bracket Included	Capacity BTU/hr. Propane	
5726B34	7525B34	1/4" Inverted Flare	1/2" F. NPT	912FA20	2302-31	400,000	
5727B34	7525B34			912FS20			
5754B4	7525B4			912FA20	2503-22		450,000
5755B4	7525B4			912FS20			



2302-31



2503-22



912FA20



7525B34



7525B4

Compact Regulators

These compact regulators are designed for smaller outdoor grills and fish cookers. They are intended for use on small portable appliances that use 100,000 BTU's/hr. or less. They may not be used on fixed pipe systems per NFPA 58.



302



302V



302V9LS

Part no.	Type	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
302	Single Stage	1/4" F. NPT	3/8" F. NPT	No. 50 Drill	11" w.c. at 100 PSIG Inlet	9"-13" w.c.	Small Vent Above Outlet	125,000
302LS		Soft POL w/60 DMS Orifice						
302V		1/4" F. NPT					Drip Lip Above Outlet	
302V9		1/4" F. NPT						
302V9LS		Soft POL w/out Orifice						

* Maximum flow based on 25 PSIG inlet and factory delivery pressure.

High Pressure Industrial / Commercial Pounds to Pounds Regulators

1,750,000 to 4,500,000 BTU/hr.

Designed to reduce propane gas container pressure down to between 3 and 100 PSIG. Ideal for liquid or vapor service, they can be used in a variety of applications including salamander heaters, weed burning torches, fish cookers, tar pot heaters, and other industrial type services.

Part no.	Adjustment Method	Inlet Connection	Outlet Connection	Recommended Delivery Pressure Range	Capacity Determined at Set Pressure of PSIG*	Capacity BTU/hr. Propane**
597FA	Tee Handle	1/4" NPT	1/4" NPT	1-15	10	1,750,000
597FB				10-30	20	3,000,000
597FC				20-45	30	3,500,000
597FD				40-100	60	4,500,000
597FAY		970 Hard Nose POL		1-15	10	1,750,000
597FBY				10-30	20	3,000,000
597FCY				20-45	30	3,500,000

* Set pressure established at 100 PSIG inlet and a flow of 250,000 BTU/hr.

** Capacity determined at actual delivery pressure 20% less than set pressure with inlet pressure 20 PSIG higher than the set pressure.

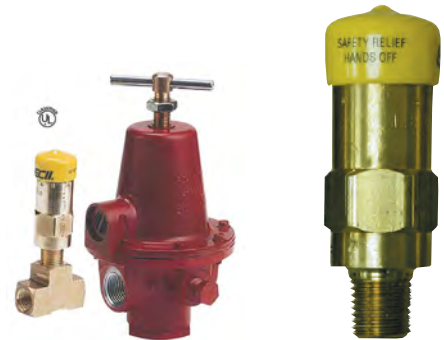


597 Series

Accessories for High Pressure Industrial / Commercial Pounds to Pounds Regulators

Designed for use as a relief valve on first stage regulators that comply with NFPA 58 2.5.7.5 exception: "first stage regulators with a rated capacity of more than 500,000 BTU/hr. shall be permitted to have a separate relief valve.

Pipeway adapter also available. Part # B-9412-2B



3139 Series Relief Valve shown with 1580 Series Regulator (sold separately)

3139

Part no.	Set Pressure	Regulator Settings	Connection Size	Height	Width	Flow Capacity at 120% Set Pressure (SCFH Propane)
3139-18	18 PSIG	10 PSIG	1/4" M. NPT	2 27/32"	1 1/16"	1357*
3139-26	26 PSIG	26 PSIG				1725**
3139-38	38 PSIG	38 PSIG				2304***

*Flow recorded at 21.6 PSI inlet pressure for this valve.

**Flow recorded at 31.2 PSI inlet pressure for this valve.

***Flow recorded at 45.6 PSI inlet pressure for this valve.

High Pressure / High Temp. Industrial / Commercial Pounds to Pounds Regulators

Designed to reduce LP-Gas container pressures to between 3 and 50 PSIG. Ideal for crop drying, heat treating, asphalt batch mixing and other large industrial and commercial load application utilizing high temperature LP-Gas or high temperature atmosphere under conditions up to 300°F. Also ideal as a first stage regulator in large multiple operations.
See page H2 for gauges.



Part no.	Service	Adjustment Method	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	Capacity Determined at Set Pressure of PSIG*	Capacity**
X1584VN	LP-Gas	Tee Handle	1/2" F. NPT	3-30	20	7,000,000
X1584VL				25-50	30	10,000,000
X1586VN			3/4" F. NPT	3-30	20	7,500,000
X1586VL				25-50	30	14,000,000
X1588VN			1" F. NPT	3-30	20	7,500,000
X1588VL				25-50	30	14,000,000
X1588VH				45-125	60	14,000,000

* Set pressure is established with 100 PSIG inlet pressure and a flow of 500,000 BTU/hr. propane.

** Capacities determined at actual delivery pressure 20% less than set pressure with inlet pressure 20 PSIG higher than set pressure. NOTE: Care must be taken to prevent re-liquefaction of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

High Pressure Industrial / Commercial Pounds to Pounds Regulators

7,000,000 to 14,000,000 BTU/hr (LPG) and 2100 CFH to 8,900 CFH (NH3)

Designed to reduce LP-Gas and anhydrous ammonia container pressures to between 3 and 125 PSIG. Precision-built with a multi-million BTU capacity, the 1580V series is perfect for such big, tough jobs as crop dryers, asphalt batch mixing plants, road building "tar wagons", heat treating and other large industrial and commercial loads. It's also ideal as a first stage regulator in large multiple operations. The AA1580V series is ideal for use in anhydrous ammonia applications such as blue print machines and heat treating.
See page H2 for gauges.



Part no.	Service	Adjustment Method	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	Capacity Determined at Set Pressure of PSIG*	Capacity**
1584VN	LP-Gas	Tee Handle	1/2" F. NPT	3-30	20	7,000,000 BTU/hr. LPG
1584VL				25-50	30	10,000,000 BTU/hr. LPG
1584VH				45-125	60	10,000,000 BTU/hr. LPG
AA1584VW	NH3			3-25	20	4,500 CFH NH3
AA1584VL				20-50	30	4,800 CFH NH3
AA1584VH				45-125	60	5,100 CFH NH3
1586VN	LP-Gas		3/4" F. NPT	3-30	20	7,500,000 BTU/hr. LPG
1586VL				25-50	30	14,000,000 BTU/hr. LPG
1586VH				45-125	60	14,000,000 BTU/hr. LPG
AA1586VW	NH3			3-25	20	7,000 CFH NH3
AA1586VL				20-50	30	7,700 CFH NH3
AA1586VH				45-125	60	8,900 CFH NH3
1588VN	LP-Gas	1" F. NPT	3-30	20	7,500,000 BTU/hr. LPG	
1588VL			25-50	30	14,000,000 BTU/hr. LPG	
1588VH			45-125	60	14,000,000 BTU/hr. LPG	

* Set pressure is established with 100 PSIG inlet pressure and a flow of 500,000 BTU/hr. propane for 1580V Series, 90 CFH/hr. NH3 for AA1582M Series and 180 CFH/hr. NH3 for AA1584V and AA1586V Series.

** Capacities determined at actual delivery pressure 20% less than set pressure with inlet pressure 20 PSIG higher than set pressure. NOTE: Care must be taken to prevent re-liquefaction of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

Accessories

Copper Pigtails

Pigtails are available in a variety of connections, sizes and styles. Care should always be taken in selecting the proper pigtail for a particular application. Note: RegO recommends a new pigtail be installed with every new and replaced regulator.

Straight Copper Pigtails Ordering Information

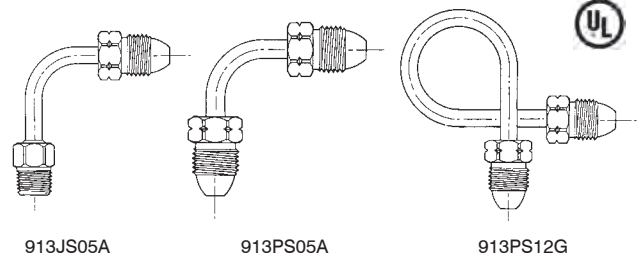
Connections	Approximate Length	Part no.		
		Pigtails- 1/4" Tube		Hogtails - 3/8" Tube
		7/8" Hex Short Nipple	1 1/8" Hex Long Nipple	7/8" Hex Short Nipple
M. POL x M. POL	5"	—	—	913PS05
	12"	912PS12	—	913PS12
	20"	912PS20	912PA20	913PS20
	30"	912PS30	—	913PS30
	36"	912PS36	912PA36	913PS36
1/4" Inverted Flare x M. POL	12"	912FS12	—	—
	20"	912FS20	912FA20	—
	30"	912FS30	—	—
	36"	912FS36	—	—
1/4" M. NPT x M. POL	5"	—	—	913JS05
	12"	912JS12	—	913JS12
	20"	912JS20	—	913JS20
	30"	912JS30	—	913JS30
	36"	912JS36	—	—
1/2" M. NPT x M. POL	12"	—	—	913LS12
1/2" M. NPT x 3/8" M. NPT	12"	—	—	913KL12



913PS12

Bent Copper Pigtails Ordering Information

Connections	Approximate Length	Type / Degree of Bend	Part no. 3/8" Tube 7/8" Hex Short Nipple
1/4" M. NPT x M. POL	5"	90°	913JS05A
M. POL x M. POL			913PS05A
M. POL x M. POL	12"	270° Right Hand	913PS12G
		270° Left Hand	913PS12H
		360°	913PS12S



913JS05A

913PS05A

913PS12G

Pigtail / Gauge Tail Leak Check System

Some customers often experience service interruptions (out of gas occurrences). For propane marketers to deal with these types of customers more effectively, RegO has developed the 612 series Pigtail/gauge tail leak check system. These "gauge-tails" make performing the required NFPA 54 leak test a quick, easy and dependable procedure. The UL Listed pigtails provide a built in pressure test block and bleeder valve for leak testing installations per the requirements in NFPA 54 2002 edition.

Part no.	Length	Description
612JS12	12"	7/8" hex male-POL short nipple x 1/4" M. NPT
612PS12		7/8" hex male-POL short nipple x 7/8" hex M. POL short nipple
612JS20	20"	7/8" hex male-POL short nipple x 1/4" M. NPT
612PS20		7/8" hex male-POL short nipple x 7/8" hex M. POL short nipple



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Dielectric Pigtails

D912 Series Electrically Isolated Pigtails for Underground Containers

These Pigtails are designed specifically for use on Underground LP-Gas Containers where dielectric isolation is necessary to protect the container.

Part no. 1/4" Tube 7/8" Hex Short Nipple	Connections	Approximate Length
D912P12	M.POL x M.POL	12"
D912P20		20"
D912P30		30"
D912J12	1/4" M.NPT x M.POL	12"
D912J20		20"
D912J30		30"



Inlet Fittings

These inlet fittings are available for assembly into either first stage of single stage regulators. All have 1/4" M. NPT connections and are machined from brass.

Part no.	Description
970	Hard nose POL with wrench nut
970AX	Hard nose POL with wrench nut and excess flow.
970AXS	Soft nose POL with wrench nut and excess flow.
970AW	Soft nose POL with handwheel.
970HT	Soft nose POL with handwheel and 60 DMS orifice.
970S	Soft nose POL with wrench nut and 60 DMS orifice.
3199W	Heavy duty hard nose POL with wrench nut and excess flow.



Adjustable Flexible Vent Kit

The LV960 Series Adjustable vent kit is designed to assist in meeting the point of discharge requirements for regulators in NFPA 58; it does this by diverting the LP-Gas vapor away from sources of ignition, openings into direct vent appliances or mechanical air intakes.

Part no.	Flex Tubing Length	Reusable End Connectors	90° Elbow	Mounting Bracket & Screws
LV960-48	48" (4 feet)	2	1	3
LV960-72	72" (6 feet)			4
LV960-120	120" (10 feet)			5



Brackets

RegO brackets are especially designed for use in installing RegO regulators in applications requiring the use of a bracket.

Part no.	Material	For use with Regulator Model:
2302-31	Cadmium Plated Steel	2302 Series / 404b23
2503-22		LV404 Series, 2503 Series, LV4403 Series
2503-19	Aluminum	



2503-19



2503-22



2302-31

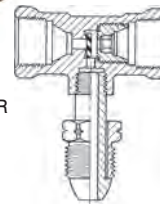
Tee Check Manifolds

For use in systems that require uninterrupted gas service during cylinder exchange. Especially for summer cottages, mobile homes and single appliance loads. Floating disc check minimizes discharge of gas to the atmosphere when empty cylinder is being replaced.

Part no.	Inlet Connections	Outlet Connections
1350R	F. POL	M. POL
1450R	1/4" Inverted Flare	1/4" M. NPT



1350R



1450R

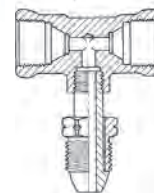
Multiple Cylinder Manifolds

Use with suitable pigtails to connect multiple cylinders together. Ideal for loads that require more than one cylinder to be in service at a time. Provides a three-way tee function without an internal disc check.

Part no.	Inlet Connection	Outlet Connections
1350E	F. POL	M. POL
1450E	1/4" Inverted Flare	1/4" M. NPT



1350E



1450E

Low Pressure Test Set

This kit provides the equipment necessary for checking regulator delivery pressure (low pressure) at the appliances. The basic set contains a 2424A-2 low pressure gauge with multi-color dial and a 3 foot - 3/16" O.D. flexible synthetic rubber tube. Adapters are also available.

Part no.	Contents
2434AK	Test Kit and all Adapters
2434A	Test Kit Only
2434A-11	Hose Tip

Adapters	Description
1328	3/8" M. Flare x 3/8" F. Flare Swivel
1331	1/2" M. Flare x 1/2" F. Flare Swivel
1332	5/8" M. Flare x 5/8" F. Flare Swivel



1328 Adapter



2434A

High Pressure Gauge Adapter

Designed for testing high pressure lines. Adapter has 0 to 300 PSIG gauge. A bleeder valve allows you to bleed down to correct pressure during pressure tests.

Part no.	Inlet Connection	Outlet Connection	Pressure Gauge Range (PSIG)
2962	Soft Nose M. POL	F. POL	0-300



2962

Water Manometer Kit

The water manometer kit is especially suited for use with low pressure LP-Gas systems. It is ideal for pressure checks downstream of the low pressure regulator and at the appliances.

Part no.	Description
1212 KIT	Flexible Tool Water Manometer Kit

Replacement Parts

Part no.	Description
1211-16	Slack Tube Manometer
A-126	Fluorescent Green Color Concentrate 3/4 oz.
A-201	Rubber Tubing 3/16" ID, 9 ft
A-339	Adapter, Brass for 1/8" MPT to 3/16" Rubber & 1/8" ID Plastic Tube
410134-00	Replacement Rubber Elbow



Presto-Tap Leak Detection System

The UL listed Presto-Tap Leak Detection System line of products offers an efficient way for drivers to test for leaks, obtain pressure readings and confirm the presence of gas in LP tanks. The easy-to-use system requires no special tools and only minimal training, so drivers and servicemen can easily comply with industry-mandated leak detection and documentation procedures.

Presto-Tap products meet NFPA 54 & 58 specifications. Can be adapted for use with gauges and equipment you already have. Save time and money by never breaking the system to perform system leak tests. Streamline service, risk management and loss control obligations. Available exclusively from RegO Master Distributors.

Pigtails & Hogtails

Patented Pigtail and RV products are Made in the USA by RegO.

Part no.	Description
PT912FS20	20" POL x 1/4 Inverted Flare
PT912JS12	12" POL x 1/4 Pigtail
PT912JS20	20" POL x 1/4 Pigtail
PT912PS12	12" POL x POL Pigtail
PT912PS20	20" POL x POL Pigtail
PT912PS48	48" POL x POL Pigtail
PT913JS12	12" 3/8 POL x 1/4 Hogtail
PT913PS12	12" 3/8 POL x POL Hogtail



RegO Pigtails and Hogtails with Presto-Tap fitting



Ambient Temperature Gauges

Patented, liquid filled 300psi / Glycerin Filled Ambient Temperature Gauge (indicates liquid in the tank, not just vapor pressure.) Inner red dial is the temperature reading that should closely correspond to the pressure reading (outer black dial) if liquid is in the tank. The 90° Quick Adapter provides access to the Presto-Tap Valve without tools.

Part no.	Description
6800-90	Presto-Tap 300 psi / Ambient Temperature Gauge w/ 90° Quick Adapter & Belt Loop Holster
6800-B90	Presto-Tap 300 psi / Ambient Temperature Gauge w/Bleeder Valve, 90° Quick Adapter & Holster
6800-BH90	Presto-Tap 300 psi / Ambient Temperature Gauge w/Bleeder Valve, 90° Quick Adapter & 12" Hose
6800-B-STRAIGHT	Presto-Tap 300 psi / Ambient Temperature Gauge w/Bleeder Valve, Straight Quick Adapter
6800-BH-STRAIGHT	Presto-Tap 300 psi / Ambient Temperature Gauge w/Bleeder Valve, Straight Quick Adapter & 12" Hose
6800-BH-FLEX	Presto-Tap 300 psi / Ambient Temperature Gauge w/Bleeder Valve, Straight Quick Adapter & 36" High Pressure Flex Hose
H-FLX	36" High Pressure Flex Hose with 1/4" x 1/4" Brass Coupling
6800D-90	Presto-Tap 300 psi / Dry Ambient Temperature Gauge w/ 90° Quick Adapter & Belt Loop Holster
6800D-B90	Presto-Tap 300 psi / Dry Ambient Temperature Gauge w/Bleeder Valve, 90° Quick Adapter & Holster
6800D-BH90	Presto-Tap 300 psi / Dry Ambient Temperature Gauge w/Bleeder Valve, 90° Quick Adapter & 12" Hose
LDS2000-TG	Test Gauge - for testing of Mobile #6800 Gauge



6800-BH90

Low Pressure Gauges

Part no.	Description
PT-30LP	Presto-Tap 30# Low Pressure Gauge w/Bleeder Valve, 90° Quick Adapter & Holster
PT-30LP-BHFLEX	Presto-Tap 30# Low Pressure Gauge w/Bleeder Valve, Straight Quick Adapter & 36" Hose
PT-30BH-90	Presto-Tap 30# Low Pressure Gauge w/Bleeder Valve, Hose & 90° Quick Adapter
PT-30BH-STRAIGHT	Presto-Tap 30# Low Pressure Gauge w/Bleeder Valve, Hose & Quick Adapter - Straight



PT-30LP



PT-30LP-BHFLEX

20 oz Gauge with Bleeder Valve

Part no.	Description
PT-OZ	Presto-Tap 0-20oz and 0-35" wc Gauge w/Bleeder Valve, 90° Quick Adapter & Belt Loop Holster
PT-OZ-BHFLEX	Presto-Tap 20oz Gauge w/Bleeder Valve, Straight Quick Adapter & 36" Hose



PT-OZ

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Presto-Tap Leak Detection System (cont'd)

RV-L

Regulator Valve- Low Pressure. (50 per bag) The RVL low pressure fitting is designed to obtain pressure readings at first and second stage regulators. Compatible with all Presto-Tap® gauge products when used at correct locations. Not legal at Tank Pressure Locations and not recommended for interior use. Not UL Listed.



RV-L

Part no.	Description
RV-L	Presto-Tap Regulator Valve - Low Pressure (50/bag)

Quick Adapters

Quick Adapter - 1/4" F.NPT x Presto-Tap Pressure Valve Connector for access using industry standard testing devices.

Part no.	Description
RV-QA-90	Presto-Tap Quick Couple Adapter - 90° (for testing w/non-Presto-Tap gauges and other instruments)
RV-QA-STRAIGHT	Presto-Tap Quick Couple Adapter - Straight (for testing w/non-Presto-Tap gauges and other instruments)
RV-QAGASKET	RV/QA (Quick Adapter) Replacement Gasket



RV/QA-90

Fittings, Valves and Tools

Part no.	Description
LDS2000-RV	Tank & Regulator Pressure Fitting w/54 Orifice
TPF	Tank Pressure Fitting (Tee) -F. NPT 1/4" x M. NPT 1/4" x 1/8" Pressure Tap (10/box)
GAUGE BLEEDER VALVE	Bleeder Elbow - 1/4" Male x 1/4" Female with Side Valve
LPV	LDS LPV (In-line/Appliance Low Pressure Valve) - F.NPT 1/2" x 1/2" x 1/8" Pressure Tap w/ "Tamper Resistant" Lock-Close Handle (10/box with 2 LPV tools)
LPVTOOL	LPV "Tamper Resistant" Tool



LDS2000-RV



TPF



LPV

Universal Service Tech Kit

The ideal Leak Testing Kit for Service Techs.

Includes: 300# ambient temperature gauge, 30# gauge, 5# gauge and 0-35" wc gauge; Manometer adapter; 3/16" Hex Key; 36" Universal Flex Hose w/ gauge bleeder and adapters; (6) LDS2000-RV fittings and a 12" Nylon Tool Bag.

Part no.	Description
UNIVERSAL SERVICE TECH KIT	Leak Testing Kit for Service Techs. Please see above for list of items included



Replacement Gauges

Part no.	Description
300#WET	Presto-Tap 300# Glycerin Filled Replacement Gauge
PT30KGW-ADAPTER	Presto-Tap 30# Replacement Gauge
PT-OZKGW-ADAPTER	Presto-Tap 20oz Replacement Gauge



300#WET

Accessories & Additional Items

Part no.	Description
HOLSTER	Presto-Tap Belt-Loop Cloth Holster
UNIVERSAL FLEX HOSE	Flex Hose w/Bleeder Valve and (2) RV-QA Straight
MHA-STRAIGHT	Manometer Hose Adapter - Gauge Bleeder Valve, Hose Barb & Straight Quick Adapter



Heavy Duty Cylinder Valves for Vapor Withdrawal

This heavy duty cylinder valve is designed for vapor withdrawal of DOT cylinders up to 100 lbs. propane capacity. It is used in domestic hookups, with RV's and as a heavy duty barbecue cylinder valve.

Approximate Filling Rate Liquid Flow, GPM			
Pressure Drop Across Valves			
10 PSIG	25 PSIG	50 PSIG	100 PSIG
12.7	20.3	29.0	41.3

Part no.	Container Connection	Service Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length With Deflector	Pressure Relief Valve Setting	For use in Cylinders with Propane Capacity up to:	Accessories POL Plug
9103D4.2	3/4" M. NGT	F. POL (CGA 510)	Knurled	4.2"	375 PSIG	100 lbs.	N970P
9103D10.6				10.6"			
9103D11.6				11.6"			



Tamper Resistant Cylinder Valve with Outlet Check for Vapor Withdrawal

This valve is designed for vapor withdrawal from and protection of DOT cylinders up to 100 lbs. propane capacity. Ideal for cylinders used in the field by construction crews, utility repair men and plumbers.

Approximate Filling Rate Liquid Flow, GPM			
Pressure Drop Across Valves			
10 PSIG	25 PSIG	50 PSIG	100 PSIG
5.0	7.6	10.7	14.9

Part no.	Container Connection	Service Connection	Fixed Liquid Level Vent Valve Style	Pressure relief Valve Setting	For use in Cylinders with Propane Capacity up to:
9103T9F	3/4" M. NGT	F. POL (CGA 510)	None	375 PSIG	100 lbs.



Cylinder Valve for RV and Small ASME System Vapor Withdrawal

Designed especially for vapor withdrawal service in small ASME containers with surface area up to 23.8 square feet. UL flow capacity is 645 CFM/air, per NFPA 58.

Part no.	Container Connection	Service Connection	Fixed Liquid Level Vent Valve Style	Pressure Relief Valve Setting	For use in Cylinders with Propane Capacity up to:	Flow Capacity SCFM/Air
9106CO	3/4" M. NGT	F. POL (CGA 510)	None	312 PSIG	ASME Tanks*	645

* Surface area up to 23.8 square feet.



Cylinder Valve for Liquid Withdrawal

Equipped with excess flow valves and liquid withdrawal tubes, they are designed for liquid withdrawal of DOT cylinders up to 100 lbs. propane capacity. They are most often used with heavy BTU loads found in industrial uses.

Part no.	Container Connection	Service Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length With Deflector	Liquid Withdrawal Tube Length
9107K8A	* 3/4" M. NGT	CGA 555	Knurled	11.6"	44"

* Use adapter 12982 to connect to pipe threads.

Pressure Relief Valve Setting	For use in Cylinders with Propane Capacity up to:	Approximate Filling Rate Liquid Flow, GPM				Closing Flow (LP Gas)*		
		Pressure Drop Across Valves				Vapor		Liquid
		10 PSIG	25 PSIG	50 PSIG	100 PSIG	25 PSIG Inlet	100 PSIG Inlet	
375 PSIG	100 lbs.	3.3	5.4	7.7	11.1	525 SCFH	1,000 SCFH	1.7 GPM

*Closing flows based on 3/8" O.D. withdrawal tube 44" long or less attached. IMPORTANT: 1/4" O.D. pigtails or POL connections for 1/4" O.D. pigtails should not be used with these valves. NOTES: To ensure proper functioning and maximum protection from excess flow valves, the cylinder valve should be fully opened and backseated when in use. These valves incorporate an excess flow valve. Refer to L-500, Section F for complete information regarding selection, operation and testing of excess flow valves.



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Rapid City, SD
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Dual Cylinder Valve for Simultaneous Liquid and Vapor Withdrawal

This dual cylinder valve was designed especially for industrial uses. It increases the cylinder's flexibility by permitting DOT cylinders up to 100 lbs. propane capacity to be used interchangeably or simultaneously for either liquid or vapor withdrawal.

Part no.	Container Connection	Service Connection		Fixed Liquid Level Vent Valve Style	Liquid Withdrawal Tube Length
		Vapor	Liquid		
8556	* 3/4" M. NGT	F. POL (CGA 510)	CGA 555	None	44"

* Use adapter 12982 to connect to pipe threads.

Pressure Relief Valve Setting	For use in Cylinders with Propane Capacity up to:	Approximate Filling Rate Liquid Flow, GPM				Liquid Closing Flow (LP-Gas)
		Pressure Drop Across Valves				
		10 PSIG	25 PSIG	50 PSIG	100 PSIG	
375 PSIG	100 lbs.	6.6	10.0	14.5	21.0	2.3 GPM

* To ensure proper functioning and maximum protection from integral excess flow valves, the cylinder valve should be fully opened and backseated when in use. NOTE: These valves incorporate an excess flow valve. Refer to L-500, Section F, for complete information regarding selection, operation and testing of excess flow valves.



8556

Service Valves for ASME & DOT Containers / Fuel Lines

Designed especially for vapor withdrawal service on ASME and DOT containers or in fuel line applications. *Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that container's capacity.*

Part no.	Container Connection	Service Connection	Bonnet Style	Fixed Liquid Level Vent Valve	Approximate Filling Rate Liquid Flow, GPM				
					Pressure Drop Across Valves				
					10 PSIG	25 PSIG	50 PSIG	100 PSIG	
901C1	3/4" M. NGT	F. POL (CGA 510)	Standard	No	5.3	8.2	10.8	14.2	
9101C1					8.8	12.4	15.8	21.7	
9101D11.1				Yes	8.6	12.7	16.3	22.3	
9101D11.7			MultiBonnet	No	Yes	7.6	11.7	15.2	20.6
9101R1						7.6	11.7	15.2	20.6
9101R11.1				9101R11.7					



901C1



9101D



9101R1

RegO 9102 Series Vapor Service Valves with Pressure Test Port

Includes 1/8" F.NPT pressure test port. With the service valve closed, the pressure test port will be isolated from the container. This will allow a high-pressure leak test to be conducted without disconnecting the pigtail from the service valve.

Part no.	Bonnet Style	Container Connection	Service Connection	Fixed Liquid Level
9102D11.1	Standard	3/4" M.NPT	F.POL CGA 510	Yes
9102D11.7				Yes
9102R1	Multibonnet			No
9102R11.1				Yes
9102R11.1				Yes
9102R11.7				Yes



RegO Ready to Go PT9102 Series

Rego 9102 Series Vapor Service Valve with Presto-Tap fitting included, providing a simple and cost efficient method of quickly and easily performing system pressure checks.

Part no.	Description
PT9102D11.1	RegO Vapor Service Valves with Presto-Tap Fitting
PT9102D11.7	
PT9102R1	
PT9102R11.1	
PT9102R11.1	
PT9102R11.7	



PT9102 Series



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Service Valves for ASME Autogas Containers

Designed specifically for vapor or liquid withdrawal service on ASME Autogas containers. *Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that container's capacity.* The integral excess flow valve found in all these service valves helps prevent excessive product loss in the event of fuel line rupture. When installed for liquid withdrawal, the 9101H6 has provisions for attachment of a liquid withdrawal tube. All other valves must be installed in containers that have provisions for a separate liquid withdrawal. *To insure proper functioning and maximum protection from integral excess flow valves, these service valves should be fully opened and backseated when in use.*

Part no.	Container Connection	Service Connection	Liquid Withdrawal Connection	Closing Flow (LP-Gas)		
				Vapor		Liquid GPM
				25 PSIG Inlet	100 PSIG Inlet	
901C5	3/4" M. NGT	F. POL CGA 510	None	550***	1,050***	2.6***
9101H5*		3/8" SAE Flare		765**	1,300**	3.6**
9101H6*			1/4" NPT	550****	1,050****	2.6****
9101Y5H*		60° Angle 3/8" SAE Flare	None	765**	1,300**	3.6**

* Heavy-duty models. ** Based on 3/8" O.D. pigtail, 20" long or less, connected to valve outlet. For greater lengths, the pigtail must have a larger O.D. *** Same as (**). In addition, 1/4" O.D. pigtails or POL connections for 1/4" O.D. should not be used with this valve. **** Based on 3/8" O.D. pigtail; 20" long or less, connected to valve outlet. Also based on 1/4" pipe size dip tube, 42" long or less, attached to special inlet connection. For longer pigtail lengths, the diameter of the pigtail must be increased. NOTE: These valves incorporate an excess flow valve. Refer to L-500, Section F for complete information regarding selection, operation and testing excess flow valves.



Service Valves for DOT Forklift Containers

Designed specifically for vapor or liquid withdrawal service on DOT forklift containers. Valves with 1.5 GPM closing flow are for use in small and medium size lift truck applications, while those with 2.6 GPM closing flow are for large lift trucks and gantry crane type vehicles. *Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that cylinder's capacity.* The integral excess flow valve found in all these service valves helps prevent excessive product loss in the event of fuel line rupture.

When installed for liquid withdrawal, the 9101P6 Series has provisions for attachment of a liquid withdrawal tube. The 9101P5 Series must be installed in containers that have provisions for a separate liquid withdrawal. *To insure proper functioning and maximum protection from integral excess flow valves, these service valves should be fully opened and backseated when in use.*



Part no.	Container Connection	Service Connection	Liquid Withdrawal Connection	Closing Flow (LP-Gas)			Approximate Filling Rate Liquid Flow, GPM				Accessories		
				Vapor		Liquid (GPM)	Pressure Drop Across Valve				ACME Check Connectors		
				25 PSIG Inlet (SCFH)	100 PSIG Inlet (SCFH)		10 PSIG	25 PSIG	50 PSIG	100 PSIG	Male	Female	Cap
9101P5	3/4" M. NGT	3/8" M. NPT	None	430	900	1.5	5	7.6	10.7	14.9	7141M	7141F	7141M-40 or 7141FP
9101P5H				550	1,050	2.6							
9101P6			1/4" NPT	430	900	1.5	4.5	7.2	10.3	14.8			
9101P6H				550	1,050	2.6							

NOTE: These valves incorporate an excess flow valve. Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.

Multivalve with Low Emission Double Back Check Filler Valve

Important: When utilizing an unloading adapter with a RegO valve, use RegO adapters only.

These Multivalves® are designed for use in single opening ASME containers equipped with a 2-1/2" riser or male pipe thread. They can be used with underground or above ground containers; a separate opening is required for liquid withdrawal.

Combines low emission double back check filler valve, vapor equalizing valve, pressure relief valve, service valve, fixed liquid level gauge, "junior" sized float gauge flange opening and a plugged pressure gauge opening. • Double back check filler valve is low emission, 2.13cc at disconnection no reduction in fill rates. • Service valve features a MultiBonnet® stem assembly that allows for repair without evacuating gas from the container. • Designed for installation of a 1/8" FNPT pressure gauge or pressure gauge connection like the Presto-Tap®.

Part no.	Container Connection	Approximate Filling Rate Liquid Flow, GPM				Accessories Extended Fill Adapter
		Pressure Drop Across Valve				
		10 PSIG	25 PSIG	50 PSIG	100 PSIG	
G8475RL	2 1/2" FNPT	42	72	98	125	8475-50L
G8475RLW						

Note: G8475RL replaces G8475RV. G8475RLW replaces G8475RW.

G8475RL



RegO Ready to Go PG8475 Series - Includes Presto-Tap fitting.

Presto-Tap Fitting provides a cost efficient and simple method of quickly and easily performing system pressure checks.

Part no.	Description
PG8475RL	RegO ASME Multivalve with Presto-Tap Fitting
PG8475RW	



PG8475 Series



Part no.	Container Connection	Service Connection	Filling Connection	Vapor Equalizing Connection	Float Gauge Flange Opening	Fixed Liquid Level Gauge / Tube	Relief Valve Part #	Relief Valve Setting
G8475RL*	2 1/2" F. NPT	F. POL (CGA 510)	1 3/4" M. ACME	1 1/4" M. ACME	Fits "JUNIOR" Size	Yes - 30"	M3131G	250 PSIG
PG8475RL**							MV3132G	
G8475RLW								

*Pressure test port

**Presto-Tap installed in pressure test port

ASME Multivalves for Vapor Withdrawal

These Multivalves® provide vapor withdrawal and filling of ASME containers. A separate pressure relief valve is required in addition to this valve. The MultiBonnet® is standard on this valve. MultiBonnet® allows quick and easy repair of bonnet.

Part no.	Container Connection	Approximate Filling Rate Liquid Flow, GPM			
		Pressure Drop Across Valve			
		10 PSIG	25 PSIG	50 PSIG	100 PSIG
8593AL16.0	1 1/2" MNPT	42	72	98	125

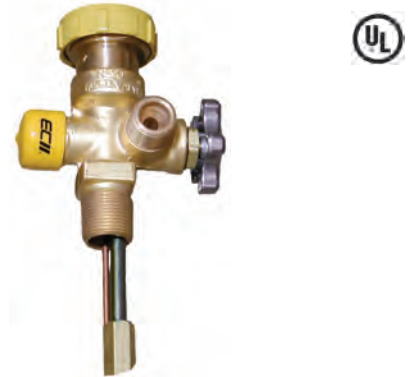
Note: 8593AL16.0 replaces 8593AR16.0

8593AL16.0



DOT Multivalve for Liquid Withdrawal

These Multivalves® permit liquid withdrawal from DOT cylinders with up to 100 lbs. propane capacity. They eliminate unnecessary cylinder handling when servicing high volume loads and allow on-site filling into the vapor space without interrupting gas service.



8555DL11.6

Part no.	Approximate Filling Rate Liquid Flow, GPM				
	Pressure Drop Across Valve				
	10 PSIG	25 PSIG	50 PSIG	100 PSIG	
8555DL11.6	*	8	23	34	42

* Use adapter 12982 to connect to pipe threads.

Container Connection	Service Connection	Filling Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length with Deflector	Liquid Withdrawal Tube Length	Pressure Relief Valve Setting	For use in Cylinders w/ Propane Capacity Up to:	Liquid Closing Flow (LP-Gas)**
3/4" M. NGT	CGA 555*	1 3/4" M. ACME	Knurled	11.6"	44"	375 PSIG	100 lbs.**	1.7 GPM

* Use adapter 12982 to connect to pipe threads.

** Per CGA Pamphlet S-1.1.

*** To ensure proper functioning and maximum protection from integral excess flow valves, the cylinder valve should be fully opened and backseated when in use.

DOT Multivalves for Vapor Withdrawal

These Multivalves® permit vapor withdrawal from DOT cylinders with up to 200 lbs. propane capacity. They allow on-site cylinder filling without interrupting gas service. The MultiBonnet® option allows quick and easy repair of bonnet.



8555D Series

Part no.	Approximate Filling Rate Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
6555D Series	8	23	34	42
6555R Series				
8555D Series				
8555R Series				

Part no.	Bonnet Style	Application	For use in Containers with Size Up to:	Dip Tube Length with Deflector	Container Connection	Service Connection	Filling Connection	Fixed Liquid Level Vent Valve Style	Pressure Relief Valve		
									Setting	Flow Capacity*	
										UL Listing	ASME
6555R10.6	MultiBonnet	ASME Containers	25 sq. Ft. Surface Area or 60 Gal. Water Capacity	10.6"	3/4" M. NGT	F. POL (CGA 510)	1 3/4" M. ACME	Knurled	250 PSIG	793 SCFM / Air	700 SCFM / Air
6555R11.6	MultiBonnet			11.6"							
6555R12.0	MultiBonnet			12.0"							
8555D10.6	Standard	DOT Cylinders	200 lbs. Propane	10.6"					375 PSIG	N/A	N/A
8555R10.6	MultiBonnet			11.6"							
8555D11.6	Standard										
8555R11.6	MultiBonnet										

* Per CGA Pamphlet S-1.1.

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DOT and ASME Multivalves for Vapor Withdrawal

These Multivalves® permit vapor withdrawal from ASME containers up to 50 sq. ft. surface area and DOT containers up to 420 lbs. propane capacity. They allow on-site cylinder filling without interrupting gas service. The MultiBonnet® option allows quick and easy repair of bonnet.



6532R Series

Part no.	Approximate Filling Rate Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
6532A12.0 / 6532R12.0	11	16	23	28
6542A12.0* / 6542R12.0*	23	32	46	57
6533A10.5 / 6533R10.5	11	16	23	28
6533A11.7 / 6533R11.7				
6543A11.1* / 6543R11.1*	23	32	46	57
6543A11.7* / 6543R11.7*				

* Also available with Presto-Tap - Add PT prefix.

Part no.	Bonnet Style	Application	Container Connection	Service Connection	Filling Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length with Deflector	Pressure Relief Valve Setting	For Use in Cylinders w/ Propane Capacity Up to:**	For Use in Containers w/ Surface Area Up to:***		
6532A12.0	Standard	ASME*	3/4" M. NGT	F. POL (CGA 510)	1 3/4" M. ACME	Knurled	12.0"	250 PSIG	—	43 Sq. Ft.		
6532R12.0	MultiBonnet									1" M. NGT	53 Sq. Ft.	
6542A12.0	Standard		3/4" M. NGT								375 PSIG	420 lbs. Propane
6542R12.0	MultiBonnet									1" M. NGT		
6533A10.5	Standard	3/4" M. NGT					10.5"					
6533R10.5	MultiBonnet						1" M. NGT	11.7"				
6533A11.7	Standard	1" M. NGT	11.1"									
6533R11.7	MultiBonnet											
6543A11.1	Standard											
6543R11.1	MultiBonnet											
6543A11.7	Standard	1" M. NGT	11.7"									
6543R11.7	MultiBonnet											

* UL rated flow capacities are: 6532A12.0-1180 SCFM/air, 6542A12.0-1530 SCFM/air. ** Per CGA Pamphlet S-1.1. *** From NFPA, Appendix D.

ASME Compact Multivalve for Vapor Withdrawal

These compact Multivalves® are especially suited for vapor withdrawal of ASME containers where compact groupings of components are necessary. Separate filler valves and pressure relief valves are required. MultiBonnet® allows quick and easy repair of bonnet. Now with 1/8" NPT test gauge port.



7556R12.0

Part no.	Container Connection	Service Connection	Vapor Equalizing Connection		Fixed Liquid Level Vent Valve Style	Dip Tube Length	For Use in Containers w/ Surface Area Up to:
			Connection Size	UL Listed Closing Flow			
7556R12.0	3/4" M. NGT	F. POL (CGA 510)	1 1/4" M. ACME	4,200 CFH @ 100PSIG	Knurled	12"	*

* Since these Multivalves® have no integral pressure relief valves, they can be used on any ASME container with an independent relief device sufficient for that tank's capacity. As of 2007, RegO made a change to the body of the 7556R Series. The gauge connection was moved and outlet reduced from 1/4" to 1/8" F-NPT.

RegO Ready to Go PT7556 Series - Includes Presto-Tap fitting.

Part no.	Description
PT7556R12.0	RegO ASME Multivalve for Vapor Withdrawal with Presto-Tap Fitting



PT7556 Series

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Pop Action Pressure Relief Valves -General Information

The "Pop-Action" design permits the RegO® Pressure Relief Valve to open slightly to relieve moderately excessive pressure in the container. When pressure increases beyond a predetermined point, the valve is designed to "pop" open to its full discharge capacity, reducing excess pressure quickly. This is a distinct advantage over ordinary valves which open gradually over their entire range, allowing excessive pressure to develop before the relief valve is fully open. All RegO® internal, semi-internal, and external relief valves incorporate this "Pop-Action" design. Relief valves in this catalog are only intended for use in LP-Gas or anhydrous ammonia service. Do not use any relief valve contained in this catalog with any other service commodity.

Fully Internal "Pop-Action" Pressure Relief Valves for Transports and Delivery Trucks

Designed specifically for use as a primary relief valve in ASME transports and delivery trucks with 2" and 3" NPT couplings.



A8434 Series



Part no.	Start to Discharge Setting (PSIG)	Container Connection	Overall Height (approx.)	Height Above Coupling (approx.)	Flow Capacity SCFM / Air		Suitable for Tanks with Surface Area Up to:*	Protective Cap Included
					UL (at 120% of Set Pressure)	ASME (at 120% of Set Pressure)		
A8434N	265	2" M. NPT	9 1/16"	1/2"	3,700	3,659	175 Sq. Ft.	A8434-11B
A8434G	250					3,456		
A8436N	265	3" M. NPT	17 7/8"	3/4"	10,210	9,839	602 Sq. Ft.	A8436-11B
A8436G	250					9,598		

* Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME flow rating—which ever is larger.

Fully Internal "Pop-Action" Pressure Relief Valves for Autogas Containers

8543 Series relief valves are designed for use as a primary relief valve in larger ASME Autogas containers such as on buses, trucks and construction equipment. 8544 Series relief valves are designed for use as a primary relief valve in smaller ASME and DOT Autogas containers such as on tractors, lift trucks, cars and taxicabs.



8544 Series



7543-10



7544-11A

Part no.	Container Type	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Overall Height (approx.)	Height Above Coupling (approx.)	Hex Wrenching Section	Flow Capacity SCFM / Air***		Protective Cap Included	Accessories
							UL (at 120% of Set Pressure)	ASME (at 120% of Set Pressure)		Pipeway Adapter
8544G	ASME	250	1"	5 7/16"	7/8"	1 5/16"	1,020	936	7544-41G	7544-11A*
8543G			1 1/4"			1 11/16"	1,465	1,400	3131-41	7543-10**
8544T		312	1"			1 5/16"	1,282	1,158	7544-41	7544-11A*
8543T			1 1/4"			1 11/16"	1,990	1,731	3131-41	7543-10**
8544K	DOT / ASME	375	1"			1 5/16"	1,545***	—	7544-41	7544-11A*

* 1" M. NPT outlet connection.

** 1 1/4" M. NPT outlet connection.

*** Rating also applies to DOT requirements.

**** Flow rates shown are for bare relief valves. Adapters and pipeway will reduce flow as discussed in forewording information.

Fully Internal "Pop-Action" ASME 3/4" Pressure Relief Valves for Motor Fuel Containers

Designed for use as a primary relief valve in ASME RV & small engine containers. Assures Minimum product loss due to "pop-action design. Recessed design minimizes possibility due to damage and tampering. Threaded to accept Rego® Pipeway Adapter that permits the addition of a discharge hose or piping. ASME rated for LP-Gas.

8546-11



8546



Part no.	Container Type	Start to Discharge Setting PSIG	Container Connection MNPT	Overall Height (Approx)	Hex Wrenching Section	Flow Capacity SCFM/Air		Accessories	
						UL (@ 120% of Set Pressure)	ASME (@ 120% of Set Pressure)	Protective Cap (Included)	Pipeway Adapter
8546G	ASME	250	3/4"	4 1/2"	1 1/16"	723	651	11565-26	8546-11
8546T		312				880	792		



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Pressure Relief Valves and Relief Valve Manifolds - RegO

Fully Internal "Pop-Action" Pressure Relief Valves for DOT Forklift Cylinders

Designed specifically for use as a primary relief valve on forklift cylinders, the 8545AK reduces the possibility of improper functioning of the relief mechanism due to foreign material build up. All guides, springs, stem and adjusting components are located inside the cylinder - removed from the direct exposure of foreign materials and debris from the atmosphere.

NFPA Pamphlet #58 requires that: "All containers used in industrial truck (including forklift truck cylinders) service shall have the container pressure relief valve replaced by a new or unused valve within 12 years of the date of manufacture of the container and each 10 years thereafter."

Part no.	Container Type	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Flow Capacity SCFM / Air**
				(ECII Rated at 480 PSIG)
8545AK	DOT	375	3/4"	400*

Accessories (Order Separately)		Part no.
Protective Cap (Included)		7545-40
Deflectors***	45° Elbow	7545-14*
	90° Elbow	7545-12
Orange Cap		11557-19



* Classified by U.L. in accordance with Compressed Gas Association Pamphlet S-1.1 Pressure Device Standards for Cylinders. Meets requirements for use on DOT containers with 262 pounds or less weight of water or 109 pounds or less of LP-Gas. ** Flow rates are shown for bare relief valves. Adapters and pipeways will reduce flow. *** Order protective cap #8545-41 or 7545-40.

Semi-Internal "Pop-Action" Pressure Relief Valves for ASME Containers

Designed for use as a primary relief valve on ASME containers such as 250, 500 and 1,000 gallon tanks. Underwriters' Laboratories lists containers systems on which these types of valves are mounted outside the hood without additional protection, if mounted near the hood and fitted with a protective cap.



8684 Series



Part no.	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Overall Height (approx.)	Height Above Coupling (approx.)	Wrench Hex Section	Flow Capacity SCFM / Air		Suitable for Tanks with Surface Area Up to:**	Protective Cap (Included)
						UL (at 120% of Set Pressure)	ASME (at 120% of Set Pressure)		
7583G	250	3/4"	8 3/16"	1 7/16"	1 3/4"	1,980	1,806	80 Sq. Ft.	7583-40X
8684G		1"	9 3/8"	1 9/16"	1 7/8"	2,620	2,565	113 Sq. Ft.	8684-40
8685G		1 1/4"	11 1/16"	1 11/16"	2 3/8"	4,385	4,035	212 Sq. Ft.	7585-40X

* Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME flow rating—whichever is larger.

Semi-Internal "Pop-Action" Pressure Relief Valves for Large Storage Containers

Designed especially for use as a primary relief valve on large stationary storage containers, these low profile relief valves are generally mounted in half couplings. However, they are designed so that the inlet ports clear the bottom of a full 2" coupling. This assures that the relief valve should always be capable of maximum flow under emergency conditions.



Part no.	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Flow Capacity SCFM / Air*		Suitable for Tanks w/ Surface Area Up to:**	Accessories	
			UL (at 120% of Set Pressure)	ASME (at 120% of Set Pressure)		Protective Cap	Pipeway Adapter
7534B	125	2"	6,025	—	319 Sq. Ft.	7534-40X	7534-20***
7534G	250		11,675	10,422	708 Sq. Ft.		

* Flow rates are shown for bare relief valves. Adapters and pipeways will reduce flow. **Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME flow rating—whichever is larger. ***3" FNPT outlet connection.

External "Pop-Action" Pressure Relief Valves for ACME Containers & Bulk Plant Installations

Designed especially for use as a primary relief valve on large stationary storage containers, these low profile relief valves are generally mounted in half couplings. However, they are designed so that the inlet ports clear the bottom of a full 2" coupling. This assures that the relief valve should always be capable of maximum flow under emergency conditions.

Note: Parts that begin with AA are NOT for use with Propane.



Part no.	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Overall Height (approx.)	Hex Wrenching Section	Flow Capacity SCFM / Air (a)		Suitable for Tanks w/ Surface Area Up to: (Sq. Ft.) (e)	Accessories			
					UL (at 120% of Set Pressure)	ASME (at 120% of Set Pressure)		Protective Cap Part no.	Pipeway Adapter		Weep Hole Deflector
									Part no.	Outlet Size	
AA3126L030	30	1/2"	2 3/8"	7/8"	(c)	—	—	9103-54	AA3126-10	1/2" M. NPT	—
AA3126L250	250				277 (c)	—	23 (f)	9103-54	AA3126-10		
3131G	250	3/4"	3 7/16"	1 3/4"	2,060	1,939	85	3131-41	(g)	—	—
AA3130UA250					2,045	1,838	249 (f)	11557-110	AA3131-10	1" F. NPT	
W3132G	250	1"	6 1/32"	2 3/8"	3,340	—	154	3132-54	(g)	3132-10	1 1/4" F. NPT
3132G					4,130	—	200			—	—
T3132G					3,790	—	180			3132-10	1 1/4" F. NPT
MV3132G					3,995	—	190			—	—
3135G	250	1 1/4"	5 21/32"	2 11/16"	5,770	—	300	3135-54	(g)	3135-10	3133-11
AA3135UA250			6 13/32"		6,430	5,080 (d)	1,010 (f)	AA3135-40PR	AA3135-10	2" FNPT	
3133G	250	1 1/2"	5 15/16"	3 1/8"	6,080	—	320	3133-54	(g)	3133-10	3133-11
A3149G					2 1/2"	10 1/2"	4 1/8"	10,390	9,153	613	
AA3130UA265	265	3/4"	3 7/16"	1 3/4"	2,125	1,912	261 (f)	11557-110	AA3131-10	1" F. NPT	—
AA3135UA265		1 1/4"	6 13/32"	2 11/16"	6,615	5,370 (d)	1,045 (f)	AA3135-40PR	AA3135-10	2" F. NPT	3133-11
AA3126L312	312	1/2"	2 3/8"	7 1/8"	330 (c)	—	27 (f)	9103-54	AA3126-10	1/2" M. NPT	—

(a) Flow rates shown are for bare relief valves. Adapters and pipeways will reduce flow as discussed in forewording information.
 (b) Not UL or ASME rated. .059 square inch effective area.
 (c) Not UL or ASME rated. RegO® rated at 120% of set pressure.
 (d) Rated at 110% of set pressure.
 (e) Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME flow rating— whichever is larger.
 (f) Per ANSI K61.1-1972, Appendix A. (g) Cap supplied with chain. (h) Outlet 312-8N (F) thread, will accept 3" M. NPT pipe thread. (j) Weep hole deflectors Part No. A3134-11B.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

External Hydrostatic Relief Valves

Designed especially for the protection of piping and shut-off valves where there is a possibility of trapping liquid LP-Gas or anhydrous ammonia. May be installed in pipelines and hoses located between shut-off valves or in the side boss of RegO® shut-off valves.

Part no.	Start to Discharge Setting (PSIG)	Valve Body Material	Container Connection M. NPT	Height (approx.)	Wrench Hex Section	Accessories	
						Protective Cap	Pipeaway Adapter or Threads
SS8001G	250	Stainless Steel	1/4"	7/8"	11/16"	—	—
SS8002G			1/2"		7/8"		—
SS8021G			1/4"	1 3/8"	11/16"		1/4" NPSM Thrds.
SS8022G			1/2"		3/8" NPT Thrds.		
3127G	275	Brass	1/4"	1 31/32"	7/8"	9103-54	—
3129G			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
3127H			1/4"	1 31/32"	7/8"	9103-54	—
3129H			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
3127P	300	Brass	1/4"	1 31/32"	7/8"	9103-54	—
3129P			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
3127J	350	Stainless Steel	1/4"	1 31/32"	7/8"	9103-54	—
3129J			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
SS8001J			1/4"	7/8"	11/16"	—	—
SS8002J			1/2"	7/8"	7/8"		—
SS8021J	1/4"	1 3/8"	11/16"	1/4" NPSM Thrds.			
SS8022J	1/2"	3/8" NPT Thrds.					
3127K	375	Brass	1/4"	1 31/32"	7/8"	9103-54	—
3129K			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
3125L	400	Brass	1/4"	1 9/16"	5/8"	3125-40P Included	—
3127L			1/4"	1 31/32"	7/8"	9103-54	—
3129L			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
SS8001L			1/4"	7/8"	11/16"	—	—
SS8002L	1/2"	7/8"	7/8"	—			
SS8021L	1/4"	1 3/8"	11/16"	1/4" NPSM Thrds.			
SS8022L	1/2"	3/8" NPT Thrds.					
3127U	450	Brass	1/4"	1 31/32"	7/8"	9103-54	—
3129U			1/2"	2 19/32"	1 1/8"	3129-40P	3129-10*
SS8001U		Stainless Steel	1/4"	7/8"	11/16"	—	—
SS8002U			1/2"	7/8"	7/8"		—
SS8021U	1/4"		1 3/8"	11/16"	1/4" NPSM Thrds.		
SS8022U	1/2"			7/8"	3/8" NPT Thrds.		

31257 Series



SS8022G

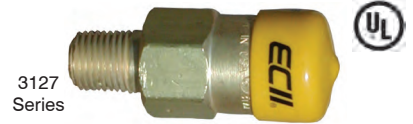


* 1/2" F. NPT outlet connection.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

External "Pop-Action" Supplementary Pressure Relief Valves for Small ASME Containers & DOT Cylinders

Designed for use as a supplementary relief valve on small ASME above ground and under-ground containers. They may also be used as a primary or secondary relief device on DOT cylinders, or as hydrostatic relief valves. All working components of these relief valves are outside the container connection, so the valves must be protected from physical damage.



Part no.	Container Type	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Overall Height (approx.)	Wrench Hex Section	Flow Capacity SCFM / Air*		Suitable for Tanks w/ Surface Area Up to: ***	Accessories		
						UL (at 120% of Set Pressure)	(ECII Rated at 480 PSIG)**		Protective Cap	Pipeaway Adapter	
										Part no.	Outlet Size
3127G	ASME	250	1/4"	1 31/32"	7/8"	295	—	—	9103-54	—	
3129G			1/2"	2 19/32"	1 1/8"	465	—	—	3129-40P	3129-10	1/2" F. NPT
3127K	DOT	375	1/4"	1 31/32"	7/8"	—	450	100 lbs. Propane	9103-54	—	
3129K			1/2"	2 19/32"	1 1/8"	—	780	200 lbs. Propane	3129-40P	3129-10	1/2" F. NPT

* Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow as discussed in forewording information.
 ** Not UL or ASME rated. RegO® rated at 480 PSIG.
 *** Meets DOT requirements.

DuoPort Pressure Relief Valve Manifolds for Small Storage Containers

Designed especially for use as a primary relief device on smaller stationary storage containers, with 2" NPT threaded couplings. These manifolds allow servicing or replacement of either of the two relief valves without evacuating the container or loss of service. The operating lever selectively closes off the entrance port to the relief valve being removed while the remaining valve provides protection for the container and its contents. The rating of each manifold is based on actual flow through the manifold and a single pressure relief valve, taking friction loss into account. It is not merely the rating of the relief valve alone.

Note: Parts that begin with AA are NOT for use with Propane.



Part no.	Start to Discharge Setting (PSIG)	Application		Container Connection M. NPT	Relief Valve Included				Flow Capacity SCFM / Air**
		LP-Gas	NH ₃		Quantity	Part no.	Inlet Connection M. NPT	Accessory Pipeaway Adapters	UL (at 120% of Set Pressure)
8542G	250	Yes	No	2"	2	3135MG	1 1/4"	3135-10*	5,250 (1)
8542AG									5,549 (1)
AA8542UA250	No	Yes	AA3135MUA250			AA3135-10*		5,865 (1)	
AA8542UA265								5,975 (1)	

* 2" F. NPT outlet connection.
 ** Flow rating based on number of relief valves indicated in parenthesis (). Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow rates as discussed in L-102 catalog forewording information.

Multiport Pressure Relief Valve Manifold Assemblies for Large Storage Containers

Designed for use as a primary relief device on large stationary pressurized storage containers with flanged openings. These manifolds incorporate an additional relief valve, not included in the flow rating, allowing for servicing or replacement of any one of the relief valves without evacuating the container. Handwheel on manifold selectively closes off entrance port to the relief valve being removed while remaining relief valves provide protection for the container and its contents. All manifold flow ratings are based on flow through the relief valves after one has been removed for service or replacement.

Johns-Manville Spirotallic flange gasket furnished with each manifold assembly.

Bolt studs and nuts

Part no.	Consists of:	For Use with:	For Connection to:	Number Required
7560-55	1- Bolt Stud and Nut	All RegO Multiports	Modified 3" - 300# and 4" - ASA 300# Welding Neck Flange	8
7560-56			Manhole Cover Plate	



A8574G

Bleeder Valve Assembly

Part no.	Descriptor
8560-26TP	Bleeder Valve Assembly

Multiport manifold assemblies

Part no.	Start to Discharge Setting PSIG	Application		Container Flange Connection	Relief Valve Included			Accessories	Flow Capacity SCFM / Air** at 120% of Set Pressure		
		LP-Gas	NH ₃		Qty.	Part no.	Inlet Connection M. NPT		Pipeaway Adapters	UL Rating	ASME Rating
A8563G	250	Yes	Yes	3"-300#*	3	A3149MG	2 1/2"	****	18,500 (2)	Not Applicable	
A8564G					4				27,750 (3)		
A8573G				4"-300#	3	(must be used in Multiport)			18,500 (2)		
A8574G					4				27,750 (3)		
A8563AG				3"-300#*	3	A3149G			Not Applicable	18,300 (2)	
A8564AG					4					27,400 (3)	
A8573AG					4"-300#	3				(can stand alone)	18,300 (2)
A8574AG						4					27,400 (3)

* For use with modified 300# ANSI flange with 4" port. ** Flow rating based on number of relief valves indicated in parenthesis (). Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow rates. **** 2" F. NPT outlet connection. ***** Outlet 312-8N (F) thread, will accept 3" M. NPT pipe thread.

ASME Rated Delta Port Relief Valve Manifolds

Designed especially for use as a primary relief device on large stationary pressurized storage containers, the base is supplied with a two-inch NPT threaded container connection. These manifolds incorporate an additional relief valve, not included in the flow rating, allowing for servicing or replacement of any one of the relief valves without evacuating the container. The hand-wheel on the manifold selectively closes off the entrance port to the relief valve being removed while the remaining relief valves provide protection for the container and its contents. All manifold flow ratings are based on flow through the relief valves after one has been removed for service or replacement.



Part no.	Start to Discharge Setting PSIG**	Application	Container Connection M-NPTF	Relief Valve				ASME Rating SCFM (air) @ 120% of Set Pressure*
				Qty	Item #	Inlet Connection M-NPT	Accessories: Pipe-away Adapter***	
8532AG	250	LPG	2"	2	3135MG	1 1/4"	3135-10	5,549 (1)
8533AG				3				11,098 (2)
AA8532MA250				NH ₃	2		AA3135MA250	AA3135-10
AA8533MA250	3	12,682 (2)						
AA8532MA265	265	2			AA3135MA265			
AA8533MA265		3		13,230 (2)				

* Flow rating based on number of relief valves indicated in parenthesis (). Flow rates shown are for bare relief valves. Adapters and pipeaways will reduce flow rates.

Other pressure settings available. * 2" F. NPT outlet connection on adapters.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

V-Ring Seal Globe & Angle Valves for Bulk Storage Containers, Transports, Bobtails & Plant Piping

Specifically designed to assure positive shut-off and long, maintenance free service life in liquid or vapor service on bulk storage containers, transports, bobtails, cylinder filling plants and plant piping. The high quality construction and wide variety of sizes make them highly suited for use with LP-Gas, anhydrous ammonia and in the chemical and petrochemical industries.



Part no.						Inlet and Outlet Connection	Port Diameter	Flow at 1 PSIG Pressure Drop (Cv) (GPM/Propane)***		Accessories	
Buna N Seat Discs		Teflon Seat Discs*		Synthetic Rubber Seat Discs****				Globe	Angle	Hydrostatic Relief Valve	Vent Valve
Globe	Angle	Globe	Angle	Globe	Angle						
—	—	TA7034P	TA7034LP	—	—	1/2" F. NPT	3/4"	10	14.8	SS8001U	TSS3169
A7505AP	A7506AP	TA7505AP	TA7506AP	—	—	3/4" F. NPT		12	17.7		
A7507AP	A7508AP	TA7507AP	—	—	—	1" F. NPT	1"	17.8	22		
A7509BP	A7510BP	TA7509BP	TA7510BP	—	—	1 1/4" F. NPT	1 1/4"	36.5	54		
A7511AP	A7512AP	TA7511AP	—	—	—	1 1/2" F. NPT	1 1/2"	43	55.5		
A7511FP	—	—		—	—	—		1 1/2" Flange**	46		
A7513AP	A7514AP	TA7513AP	—	—	—	2" F. NPT	2"	75	88.5		
—	—	—		HA7513AP	HA7514AP			—	—		
A7513FP	A7514FP	TA7513FP	—	—	—	2" Flange**	78	133	SS8001U		
A7517AP	A7518AP	TA7517AP	—	—	—	3" F. NPT	3 1/8"	197			
A7517FP	A7518FP	TA7517FP	—	—	—	3" Flange**					
—	—	—	—	HA7517AP	HA7518AP	3" F. NPT	3 1/2"	—	—		

* Teflon seat discs on valves built to order. ** 300# ANSI R.F. Flange. *** To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in chart by square root of pressure drop. Example: 7514FP @ 9 PSIG = 133 x square root of 9 = 399 GPM/propane. For NH3 flow, multiply propane flow by .90. **** HA75 Series designed for use in conjunction with RegO 6588LE & 6589LE Low Emission Filler Valves installed on bobtails and transports.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Quick Acting Minimum Loss Hose End Valves for Bobtail Delivery Trucks & Dispensing Stations

Designed to vastly reduce the amount of product vented when disconnecting bobtail delivery trucks, dispensing systems and anhydrous ammonia nurse tanks. Provide instant, full-on flow at the flip of a handle. Shut-off is instant and handle locks for added protection. This "top of the line" hose-end valve is a fully contained unit that does not require additional filling adapters or connectors.

Part no.	Inlet Connection (F. NPT)	Outlet Connection (F. ACME)	Locking Handle	Flow at 1 PSIG (Cv) Pressure Drop* (GPM/Propane)
A7793A	3/4"	1 3/4"	Yes	16
A7797A	1"	1 3/4"	Yes	16

* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: A7797 @ 9 PSIG = 16.0 x square root of 9 = 48.0 GPM/propane. For NH3 flow, multiply propane flow by .90.



A7797A

A7793A

Quick Acting Hose End Valves for Bobtail Delivery Trucks and Dispensing Stations

Designed especially for safe operator handling of LP-Gas in bobtail delivery truck, dispensing systems and anhydrous ammonia nurse tank service. These valves provide instant, full-on flow at the flip of the handle and provide instant positive shut-off with a handle lock for added protection.

Part no.	Body Design	Inlet & Outlet Connection (F. NPT)	Locking Handle	Flow at 1 PSIG (Cv) Pressure Drop* (GPM/Propane)	Accessories		
					Filling Connectors**		
					Extended	Compact	
					Steel	Brass	Steel
A7707L	Straight	1"	Yes	18	A7575L4	3175A	A3175A
A7708L	Angle			22			

* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: A7708L @ 9 PSIG = 22.0 x square root of 9 = 66.0 GPM/propane. For NH3 flow, multiply propane flow by .90. ** See appropriate L-500 catalog section for additional information.



A7707L

A7708L

2" FNPT x 3 1/4" ACME Low Emission Hose End Valve for Loading Bobtails & Transports

Minimum loss valve designed to reduce the amount of product vented when disconnecting bobtail and transport loading hoses. Provides a full-on flow when pressing the release trigger and lifting an easy grip handle. Lowering the handle will immediately stop flow and lock the lever in the closed position. Designed to be used with RegO 6588LE and 6589LE 3 1/4" M-ACME minimum loss filler valves but can be used with any standard 3 1/4" Male ACME connector. Complies to CARB regulations. **Discharges less than 2 CCs at disconnect.** Contoured handle rotates 360° large, easy to turn ACME swivel connector. Self-locking handle is operator opened and closed designed to prevent accidental opening of the valve. Bypass mechanism in the seat area allows the upstream pressure to quickly equalize when the handle is partially moved to the open position. Spring loaded Teflon "V" packing for bonnet/stem assembly provides long service life.

Part no.	Inlet Connection	Outlet Connection	Locking Handle	Flow at (Cv) Pressure Drop* GPM Propane	
				1 PSIG	10 PSIG
A7914A	2" FNPT	3 1/4" M. ACME	Yes	55	174

* To obtain approximate flow at other than 1 PSIG drop, multiply flow in table by square root of pressure drop. Example A7914A @ 9 PSIG drop = 55 X √9 = 165 GPM /propane



1 1/2" Angle Valve with Excess Flow for NH3

Designed especially for use as a high capacity liquid withdrawal valve on Anhydrous Ammonia containers. Incorporates an integral excess flow valve. Designed for high flow and low pressure drop. Excess flow seat fully contained in container coupling for maximum protection in the event of external damage to valve. V-ring spring loaded stem seal design requires no field adjustment. 1/4" F-NPT port accommodates a vent valve or hydrostatic relief valve. UL Listed.

Part no.	Inlet Connection (M.NPT)	Outlet Connection (F.NPT)	Approximate Closing Flow NH3*	Accessories for NH3 Use	
				Hydrostatic Relief Valve	Vent Valve
A8012D	1 1/2"	1 1/4"	72 GPM	SS8001J	TSS3169
A8012C			45 GPM	SS8001J	TSS3169

* When installed in a horizontally flowing system.



Flange Seal Globe & Angle Valves for Bulk Storage Containers, Filling Hoses & Plant Piping

Designed to assure positive shut-off and long maintenance-free service life in liquid or vapor service. Ideally suited for use on cylinder charging manifolds, truck filling hoses, bulk storage containers and plant piping. The high quality construction and wide variety of sizes make them highly suited for use with LP-Gas, anhydrous ammonia and in the chemical and petrochemical industries.

Part no.		Inlet & Outlet Connection (F. NPT)	Flow at 1 PSIG (Cv) Pressure Drop (GPM/Propane)*		Accessories	
Globe	Angle		Globe	Angle	Hydrostatic Relief Valve	Vent Valve
7704P	7704LP	1/2"	7.3	12.3	SS8001J or SS8001L	TSS3169
A7704P	A7704LP					
7705P	7706P	3/4"	11.5	17.7		
A7705P	A7706P					



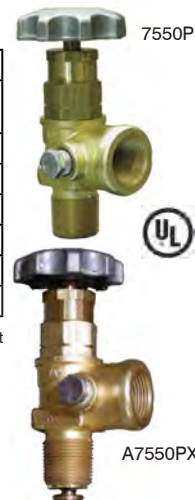
* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: A7704LP @ 9 PSIG = 12.3 x square root of 9 = 36.9 GPM/propane. For NH3 flow, multiply propane flow by .90.

Flange Seal Liquid Transfer Angle Valves for Bulk Storage Containers

Designed especially for liquid transfer of LP-Gas from consumer bulk storage containers when used with a Chek-Lok® or equipped with an integral excess flow valve. May also be used for vapor LP-Gas service. In NH3 applicator tanks they may be used as a vapor bleeder valve or as a liquid withdrawal valve when installed in a coupling with a dip pipe. These valves are equipped with an integral excess flow valve for liquid transfer directly from the tank fitting, or without an integral excess flow for LP-Gas transfer through a Check-Lok®. When equipped with an integral excess flow valve (7550PX), the valve should be mounted in a forged steel 3000 lb. half coupling. When mounted in a 1 1/4" x 3/4" NPT reducing coupling, the 3/4" female thread in this coupling must be full length - equivalent to a forged steel 3000 lb. half coupling. *The excess flow valve will not function properly if these specifications are not met.*

Part no.	Inlet Connection (M. NPT)	Outlet Connection (F. NPT)	Integral Excess Flow	Flow at 1 PSIG (Cv) Pressure Drop* (GPM/Propane)	Excess Flow Approximate Closing Flow (GPM/Propane)**	Accessories			
						Hydrostatic Relief Valve	Vent Valve		
7550P	3/4"	3/4"	No	13.3	—	3127U	3165C		
A7550P						SS8001J	TSS3169		
7550PX			Yes			—	16	3127U	3165C
A7550PX								SS8001J	TSS3169
7551P		1/2"	No	8.9	—	3127U	3165C		
A7551P						SS8001J	TSS3169		

* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: 7550P @ 9 PSIG = 13.3 x square root of 9 = 39.9 GPM/propane. For NH3 flow, multiple propane flow by .90. * * For NH3 flow, multiply propane flow by .90.



Quick Acting Valves for Cylinder Charging Hoses

Designed primarily for use on cylinder charging hoses to provide fast, convenient shut-off and fast opening. These valves must be installed so that flow through the valve is in the opposite direction to that of a conventional globe valve. This allows the inlet flow to assist in closing the valve, and even more important, helps prevent the valve from being forced open by high pump pressure.

Part no.	Inlet Connection (F. NPT)	Outlet Connection (F. NPT)	Body Material	Flow at 1 PSIG (Cv) Pressure Drop* (GPM/Propane)
7901T	1/4"	1/4"	Brass	1.95
A7553A			Ductile Iron	
7901TA	3/8"	3/8"	Brass	
7901TB	1/2"	1/4"		
7901TC		1/2"		



* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: 7901T @ 9 PSIG = 1.95 x square root of 9 = 5.85 GPM/propane. For NH3 flow, multiply propane flow by .90.

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Quick Acting Valves for Dispensing Hoses

Designed primarily for use on dispensing hoses to provide fast, convenient shut-off and fast opening. These valves feature a locking handle to prevent accidental opening of the handle if it were dropped.

Features • Quick-acting design speeds transfer operations. • Permits easy, one-handed opening and closing of the valve. • O-ring stem seal design. • Provides quick, positive shut-off. • Safety lock prevents accidents.

Part no.	Inlet Connection (F.NPT)	Outlet Connection (F. NPT)	Body Material	Flow at 1 PSIG (CV) Pressure Drop* (GPM/Propane)
7901TLA	3/8"	3/8"	Brass	1.95
7901TLB	1/2"	1/4"		
7901TLC		1/2"		

* To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: 7901T @ 9 PSIG = 1.95 x 9 = 5.85 GPM/propane. For NH3 flow, multiply propane flow by .90.



Quick Acting Valves for Crop Dryers and Charging Manifold Hoses

7554S Series valves provide instant shut-off and fast opening control on LP-Gas crop driers. They are also ideal for charging manifold hoses, stationary fuel transfer hoses and other applications requiring quick, positive shut-off. Not for use with delivery truck hoses because the handle could snag on the ground and open the valve as the hose is reeled back to the truck. 7554L Series valves feature a locking handle device to help prevent accidental opening of the valve. It is ideal for all the same applications as the 7554S Series and may be used on delivery trucks as it incorporates the locking handle design. Both valve series must be installed so that flow through the valve is opposite to that of a conventional globe valve. This allows the inlet flow to assist in closing the valve and prevents the valve from being opened by high pump pressures.

Part no.	Inlet Connection (F. NPT)	Locking Handle	Flow at 1 PSIG (Cv) Pressure Drop* (GPM/Propane)
7554SAV	1/2"	No	7.3
7554LAV		Yes	
7554SV	3/4"	No	11.5
7554LV		Yes	

To obtain approximate flow at other than 1 PSIG pressure drop, multiply flow in table by square root of pressure drop. Example: 7554LV @ 9 PSIG = 11.5 X square root of 9 = 34.5 GPM/propane.



Multipurpose Valve for Filling of NH₃ Containers

Designed specifically for use as a manual filler valve on anhydrous ammonia applicator and nurse tanks. This valve incorporates an integral back check valve.

Part no.	Inlet Connection (M.NPT)	Filling Connection (M. ACME)	Filling Capacity at 20 PSIG Pressure Drop GPM/NH ₃	Accessories	
				Hydrostatic Relief Valves	Vent Valve
A8016DBC	1 1/4"	1 3/4"	95	SS8001J	TSS3169



Multipurpose Valve for NH₃ Containers

Designed specifically for use on NH₃ applicator and nurse tanks. *Incorporates an integral excess flow valve. When product is required, the valve must be completely open and backseated to allow the excess flow valve to function properly as explained in the excess flow valve section of the RegO L-102 catalog.*

Part no.	Inlet Connection (M.NPT)	Filling Connection (M. ACME)	Filling Capacity at 20 PSIG Pressure Drop GPM/NH ₃	Approximate Excess Flow Closing Flows		Accessories	
				Liquid* GPM/NH ₃	Vapor** CFH/NH ₃	Hydrostatic Relief Valves	Vent Valve
A8016DP	1 1/4"	1 3/4"	95	44	24,000	SS8001J	TSS3169

* Determined at 9.5 to 12 PSIG differential. ** Determined at 100 PSIG inlet.



Multipurpose Valves for Liquid Withdrawal of LP-Gas and NH₃ Containers

Designed especially for use as a high capacity liquid withdrawal valve on LP-Gas and anhydrous ammonia containers. *These valves incorporate an integral excess flow valve. When product is required, the valve must be completely open and backseated to allow the excess flow valve to function properly as explained in the excess flow valve section of this catalog.* The A8017DH is equipped with a soft seated automatic differential back pressure check valve in the seat disc assembly. This allows any pressure build up in the liquid transfer line in excess of 10-15 psig above the container pressure to flow back into the container. The transfer hose is protected against excessive liquid or vapor pressure entrapment, which adds materially to the useful life of flexible hose. In addition to increasing hose service life, the equalizing valve adds substantially to the operating safety of liquid transfer systems.

Part no.	Inlet Connection (M. NPT)	Filling Connection (M. ACME)	Approximate Excess Flow Liquid Closing Flows** (GPM/Propane)	Accessories	
				Hydrostatic Relief Valves	Vent Valve
A8017DH*	1 1/4"	1"	49	Not Required	TSS3169
A8017DP			55	SS8001J	
A8017DLP		3/4"	49		

* Built-in back pressure check valve incorporated into shut-off valve.

** Determined at 11.5 to 13.5 PSIG differential for 3/4" outlet and 9 to 12 PSIG differential for 1" outlet. For NH₃ flow, multiply by .90.



A8017D

Multipurpose Valve for Filling and Liquid Transfer of NH₃ Containers

Designed primarily for use as a combination filler and liquid withdrawal valve on three-opening applicator tanks or on nurse tanks. *This valve incorporates an integral excess flow valve. When product is required, the valve must be completely open and backseated to allow the excess flow valve to function properly as explained in the excess flow valve section of the RegO L-102 catalog.*

Part no.	Inlet Connection (M. NPT)	Outlet Connection (F. NPT)	Filling Connection (M. ACME)	Filling Capacity at 20 PSIG Pressure Drop GPM/NH ₃	Approximate Excess Flow Liquid Closing Flow GPM/NH ₃ *	Accessories	
						Hydrostatic Relief Valve	Vent Valve
A8018DP	1 1/4"	1"	1 3/4"	74	50	SS8001J	TSS3169

* Determined at 9 to 12 PSIG differential.



A8018DP

Multipurpose Right Angle Valve for Liquid or Vapor Service in LP-Gas and NH₃ Systems

Designed especially for use as a high capacity liquid withdrawal valve in LP-Gas and NH₃ systems. Valve may be mounted directly in nurse tank load-out risers eliminating the need for a separate excess flow valve and angle valve. *This valve incorporates an integral excess flow valve. When product is required, the valve must be completely open and backseated to allow the excess flow valve to function properly as explained in the excess flow valve section of this catalog.*

Part no.	Inlet Connection (M. NPT)	Outlet Connection (F. NPT)	Filling Connection (M. ACME)	Approximate Excess Flow Liquid Closing Flows*		Accessories	
				GPM/Propane	GPM/NH ₃	Hydrostatic Relief Valve	Vent Valve
A8020D	1 1/4"	1"	1 3/4"	78	24,000	SS8001J	TSS3169

* Determined at 13 PSIG differential.



A8020D

Excess Flow Valves for Liquid or Vapor Service

Designed for top mounting in storage tank manhole covers for liquid or vapor applications. The tapped inlet allows for an optional 1" NPT dip pipe connection to withdraw liquid from the top of the tank. The 1519C4 is designed for installation in long line or branch piping applications.

Part no.	Inlet Connection NPT	Outlet Connection F. NPT	Wrench Hex Flats	Approximate Closing Flows**		
				Liquid (GPM/Propane)	Vapor SCFH (Propane)	
					25 PSIG Inlet	100 PSIG Inlet
1519C2	1½" Male*	1"	2¼"	25	5,000	8,800
1519C4	2" Female	2"	3"	170	28,590	48,600

*1" Female Dip Pipe Connection.
 ** Based on horizontal installation of excess flow valve.
 Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.
 NOTE: Multiply flow rate by .94 to determine liquid butane flow.



Excess Flow Valves for Liquid or Vapor Line Service

Designed for top installation, in any position, in liquid or vapor service lines. They are intended for long lines or branch piping where tank mounted excess flow valves cannot suffice.

Part no.	Brass or Steel	Inlet Connection F. NPT	Outlet Connection F. NPT	Wrench Hex Flats	Approximate Closing Flows*		
					Liquid (GPM/Propane)	Vapor SCFH (Propane)	
						25 PSIG Inlet	100 PSIG Inlet
1519A2	Brass	1"	1"	1¾"	25	5,000	8,800
A1519A2	Steel						
1519A3	Brass	1½"	1½"	2¼"	60	11,500	20,200
1519A4							
A1519A4	Steel	2"	2"	3"	100	19,000	34,500
1519B4	Brass						
A1519B4	Steel	3"	3"	4"	225	45,000	82,000
A1519A6							

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.
 NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.



Excess Flow Valves for Liquid or Vapor

Designed for liquid or vapor use for filling, withdrawal and vapor equalizing in container or line applications. They are intended for long lines or branch piping where tank-mounted excess flow valves are inadequate.

Part no.	Brass or Steel	Inlet Connection M. NPT	Outlet Connection F. NPT	Wrench Hex Flats	Approximate Closing Flows*		
					Liquid (GPM/ Propane)	Vapor SCFH (Propane)	
						25 PSIG Inlet	100 PSIG Inlet
12472	Brass	3/4"	3/4"	1 3/8"	4	1,050	1,700
3272E					10	2,100	3,700
3272F					15	2,800	5,000
3272G					20	3,700	6,900
A3272G	Steel	1 1/4"	1 1/4"	2"	29	5,060	10,100
3272H	Brass				30	5,850	10,000
3282A					40	7,600	13,600
3282B					50	9,000	16,300
3282C	Steel	1 1/2"	1 1/2"	2 1/4"	90	15,200	28,100
A3282C	Brass				70	14,000	25,000
7574					75	14,200	24,800
7574L						100	18,100
3292A	Steel	2"	2"	2 7/8"	122	22,100	37,600
A3292A	Brass				75	14,200	24,800
3292B					100	18,100	32,700
A3292B					122	22,100	37,600
3292C	Steel						



3282A

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.
NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.

Excess Flow Valves for Vapor or Liquid

Designed especially for filling, withdrawing or vapor equalizing in half and full coupling installations. Ideal for container service where welded-in dip pipes are not provided. For vapor use, mount in the bottom opening with a threaded dip pipe. For liquid use, mount in the top opening with a threaded dip pipe. These may also be installed in pipe lines provided the connection is made to the male inlet thread and not the female dip pipe connection.

Part no.	Inlet Connection M. NPT	Outlet Connection NPT	Wrench Hex Flats	Approximate Closing Flows***		
				Liquid (GPM/ Propane)	Vapor SCFH (Propane)	
					25 PSIG Inlet	100 PSIG Inlet
A2137	2"	2" Male and 1 1/4" Female	2 7/16"	50	10,000	17,000
A2137A				70	14,000	25,000
2139	3"	3" Male and 2" Female	3 1/2"	125	26,500	46,000
2139A				160	32,700	57,200



A2137

* 1 1/4" F.NPT Dip Pipe Connection.

** 2" F.NPT Dip Pipe Connection.

*** Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down. NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Excess Flow Valves for Container Service

Designed for mounting in threaded full or half couplings in container installations. They may be used for filling, withdrawal or vapor equalizing applications. The exceptionally low pressure drop makes them ideal for pump suction lines. If a riser pipe to the vapor space is used with these valves, the minimum inside diameter of the riser pipe must be at least two times the valve thread size in order not to restrict flow to the side inlet ports.

Part no.	For Use with this Type of Coupling	Inlet Connection M. NPT	Outlet Connection NPT	Wrench Hex Flats	Approximate Closing Flows*		
					Liquid (GPM/Propane)	Vapor SCFH (Propane)	
						25 PSIG Inlet	100 PSIG Inlet
A8523	Half	3/4"	3/4" Male	1 1/8"	15	5,170	8,800
A8525	Half	1 1/4"	1 1/4" Male	1 3/4"	35	12,540	21,560
A7537L4	Half	2"	2" Male and 1 1/4" Female	2 5/8"	75	13,000	25,600
A7537L4F	Full						
A7537N4	Half						
A7537N4F	Full						
A7537P4	Half						
A7537P4F	Full						
A7539R6	Half	3"	3" Male and 2" Female	3 3/4"	150	32,100	55,500
A7539R6F	Full						
A7539T6	Half						
A7539T6F	Full						
A7539V6	Half						
A7539V6F	Full						

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.

NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.



A7537N4

Excess Flow Valves for Flange Mounting in Container Service

Designed for mounting in flanged tank connections with internal threads in the bottom of a container. They may be used in filling, withdrawal or vapor equalizing application. They provide high flow capacity with low pressure drop to minimize pump inlet line cavitation. If a riser pipe to the vapor space is used with these excess flow valves, the minimum inside diameter of the riser pipe must be at least two times the valve thread size in order not to restrict flow to the side inlet ports.

Flange mounted excess flow valves are readily accessible for servicing and completely enclosed and protected in event of fire. Because there is no direct connection between external piping and the valve, stresses imposed on piping will not affect the excess flow valve.

Part no.	Inlet Connection M. NPT	For Installation on	Approximate Closing Flows*		
			Liquid (GPM/Propane)	Vapor SCFH (Propane)	
				25 PSIG Inlet	100 PSIG Inlet
A3500L4	2"	Slotted Body	75	13,000	22,500
A3500N4			125	25,000	42,500
A3500P4			150	30,500	52,000
A3500R6	3"		150	32,100	55,500
A3500T6			200	39,400	68,300
A3500V6			250	51,100	88,700
A4500Y8	4"	500	89,000	154,000	

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.

NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.



A3500L4

Excess Flow Valves for Liquid or Vapor Withdrawal

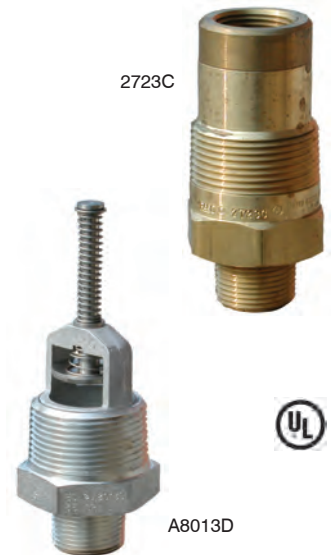
These valves are designed for bottom mounting in consumer storage tanks for liquid service. They may also be top mounted for vapor service. These valves are designed especially for use with RegO® globe and angle valves.

Part no.	Inlet Connection M. NPT	Outlet Connection F. NPT	Wrench Hex Flats	Approximate Closing Flows**		
				Liquid (GPM/ Propane)	Vapor SCFH (Propane)	
					25 PSIG Inlet	100 PSIG Inlet
A8013D	1 1/4"	3/4"	1 3/4"	39	8,700	14,700
A8013DA		1"		44		
A8013DB		1 1/4"		55		
2723C	1 1/4**	3/4"	1 11/16"	20	3,900	6,900

* 3/4" F. NPT Dip Pipe Connection.

** Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.

NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.



Excess Flow Valve for Pressure Gauges

Designed for container use in pressure gauge installations to minimize excess gas discharge in the event the pressure gauge is sheared. A suitable shut-off valve should be installed between this valve and the pressure gauge to allow convenient gauge replacement.

Part no.	Inlet Connection M. NPT	Outlet Connection F. NPT	Wrench Hex Flats	Approximate Closing Flows*		
				Liquid (GPM/ Propane)	Vapor SCFH (Propane)	
					25 PSIG Inlet	100 PSIG Inlet
2884D	3/4"	1/4"	1 1/16"	n/a	60	110

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.

NOTE: Multiply flow rate by .94 to determine liquid butane flow.



2884D

Excess Flow Valve for DOT Cylinders

Designed for use on portable systems with vapor or liquid including torches, heaters, lead melting burners, tar and asphalt burners, wallpaper steamers and other applications involving portable DOT cylinders. The POL inlet attaches directly to the cylinder valve and the outlet mounts to the regulator.

Part no.	Inlet Connection	Outlet Connection M. NPT	Wrench Hex Flats	Approximate Closing Flows*		
				Liquid (GPM/ Propane)	Vapor SCFH (Propane)	
					25 PSIG Inlet	100 PSIG Inlet
3199W	Male POL	1/4"	7/8"	0.95	265	500

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.

NOTE: Multiply flow rate by .94 to determine liquid butane flow.



3199W

7590U and 7591U Chek-Lok Valves

Designed with unique 1" NPS threads on both Chek-Lok outlet and adapter inlet. This helps prevent activation of the Chek-Lok® without use of the 7590U-10 adapter. Extra strength connection between body and adapter provides increased strength. An o-ring seal on adapter provides a gas tight seal before the adapter opens the equalizing stem. These Chek-Loks® are also designed for use on permanent installations provided the excess flow valve is sized properly for the system and piping. NOTE: In some cases, it may be necessary to use an in-line excess flow valve to protect the downstream piping. This valve is not recommended for use as a liquid source for pumps.



7590U with Cap

Chek-Lok Number	Inlet Connection	Outlet Connection	Body Wrench Hex Flats	Approximate Effective Length	Cap Wrench Hex Flats	Approximate Closing Flows Liquid (GPM/Propane)*
7590U	3/4" M. NPT	1 5/8" UNF	1 3/4"	1 7/16"	1 5/16"	20
7591U	1 1/4" M. NPT		1 3/4"	1 7/8"		35

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up, and slightly less when installed with outlet down. Note: Multiply flow rate by .94 to determine liquid butane flow.

Union Style Adapters for 7590U and 7591U

The 7590U-10 adapter must be used to connect to the 7590U and 7591U Chek-Lok. This insures a proper connection to open the check mechanism. A built in nylon gasket provides a gas tight seal.

Adapter Number	Inlet Connection	Outlet Connection	Wrench Hex Flats
7590U-10	1 5/8" UNF	3/4" F. NPT	1 3/4"
7590U-6	O-Ring for 7590U-10		



7590U-10

Chek-Lok Liquid Evacuation Adapter for 7590U and 7591U Valves

Designed specifically for use with RegO 7590U and 7591U Chek-Lok Excess Flow Valves. Adapter's operating handle opens and closes equalizing stem in the Chek-Lok® valve. Eliminates gas flow through Chek-Lok® valve when installing or removing adapter. Use of RegO® adapter ensures proper connections and opening of the check mechanism.

Adapter Number	Inlet Connection	Outlet Connection	Wrench Hex Flats	Approximate Length
7590U-20	1 5/8" UNF	3/4" F. NPT	1 3/4" F. NPT	4 3/16"



7590U-20

Adapters for the 7572FC and 7580FC

These adapters must be used to connect to the 7572FC and 7580FC Chek-Loks to open the check mechanism properly. A built in nylon gasket provides a gas tight seal.

Adapter Number	Inlet Connection	Outlet Connection	Wrench Hex Flats
7572C-14A	3/4" M. NPT	3/4" F. NPT	1 3/8" F. NPT
7572C-15A		3/4" M. NPT	



7572C-14A



7572C-15A

Liquid Evacuation Adapter

The operating handle opens and closes the equalizing stem in these older style Chek-Lok valves. Designed to eliminate the need for gas flow from the Chek-Lok® when the adapter is installed or removed. A *shutoff valve, such as a full port ball valve must be installed at the outlet of the 7580F-20 adapter.*

Adapter Number	Inlet Connection	Outlet Connection	Wrench Hex Flats
7580F-20	3/4" M. NPT	3/4" F. NPT	1 3/8"



Shown with Check-Lok (not included)

IMPORTANT NOTICE:

The **7572FC** and **7580FC** Chek-Lok Valves were discontinued by RegO effective August 25, 2002 due to changes in UL requirements. The new features required by UL are already incorporated into the 7590U and 7591U Chek-Loks (shown above). As of that date, the 7572FC and 7580FC Chek-Lok Valves not bearing the UL symbol are not to be installed anywhere in the U.S.

Double Check Filler Valves - General Information

RegO® Double-Check Filler Valves incorporate a resilient upper check valve, normally designated as a filler valve, and a lower check valve, commonly called a back pressure check valve. Available in a range of sizes to cover virtually all LP-Gas storage containers, these valves are UL listed and meet NFPA 58 2004 edition standards, as well as other safety requirements. Flow of liquid into the storage container opens both check valves. When flow stops, they both are designed to close automatically to permit the operator to disconnect the hose coupling. The automatic closing action also helps prevent the discharge of container contents in the event of hose failure. The lower back pressure check affords extra protection by restricting the discharge if the upper check fails to function properly due to accidents or other causes. The double back check construction allows emergency inspection, repair, or replacement of the upper fill assembly without removing product from the container. When the upper filler valve body is removed, the lower back check valve provides a seal, permitting only some leakage, allowing a new upper filler valve body to be installed.

Double Check Filler Valves for Forklift, Autogas and RV Tanks

Designed to provide fast filling of forklift, Autogas, and recreational vehicle tanks.



7647H



7647DC



7647SC

Part no.		Hose Connection	Tank Connection M. NPT	Wrench Flats	Effective Length (Approx.)	Propane Liquid Capacity at Various Differential Pressures (GPM)***				
Basic	W/ Lanyard & Cap					10 PSIG	20 PSIG	30 PSIG	40 PSIG	50 PSIG
7647H	—	1/2" F. NPT	3/4"	1 1/2"	14	20	24	27	50	
—	7647DC	1 3/4" ACME & F. POL		1 5/8"						2 9/16"
—	7647SC*	1 3/4" ACME		1 3/4"						1 11/16"

* Large 134" hex wrench flats. ** 30° angle on 1 1/4" ACME hose connection. *** Multiply flow rate by .94 to determine liquid butane capacity.

Combination Filler and OPD Valves, Low Emission

This combined filler valve and overfill protection device is designed to provide fast filling and protection against overfilling of Vertical above ground small bulk type containers. The SF7647V Series offers good fill rates and an overfill prevention, device that will stop the flow of product into the container when the liquid level reaches 80-83% of its capacity. Features • Large flow area for fast filling. • Resilient seated upper check. • Stable Overfill Protection Device that is integral to the filler valve. • Overfill Protection Device will stop the flow of liquid when the 80-83% level is reached.

Part no.	Propane Liquid Capacity at 20 PSIG Differential Pressure Gallons/Min	Propane Liquid Capacity at 30 PSIG Differential Pressure Gallons/Min	Propane Liquid Capacity at 50 PSIG Differential Pressure Gallons/Min
SF7647V11.0	19	24	50
SF7647V11.1			



Low Emission Filler Valve with Manual Shutoff Feature

Designed for fast filling of larger DOT cylinders and ASME domestic containers; the 7501L and 7502L feature a manual shutoff in addition to upper and lower back checks.

Features • Low emission 2 cc or less at disconnect. • Meets NFPA 58 and UL requirements. • Double back check provides added system protection. • Checks are spring activated for quick precise closure when flow stops. • Hose end valve cannot be removed from the 7501L or 7502L if the lever is in the open position. • When manual shutoff valve is closed, an integral back check prevents liquid from being trapped between the shutoff and upper check.

Part no.	Container Connection	ACME Hose Connection	Propane Capacity at Various Differential Pressures (GPM)		
			15 PSIG	25 PSIG	50 PSIG
7501L	1 1/4" M.NPT	1 3/4" M.ACME	62	90	125
7502L					



7502L



7501L

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Double Check Filler Valves for Large Autogas and ASME Tanks

Designed to provide fast filling of large Autogas and ASME domestic tanks. The 6579 Series incorporates a swing-away lower check which greatly reduces pressure drop across the valve. This lower pressure drop promotes faster filling rates and greater efficiency resulting in more profitable operations.

Part no.		ACME Hose Connection	Tank Connection M. NPT	Wrench Hex Flats	Propane Liquid Capacity at Various Differential Pressures (GPM)				
With Cap Only	With Cap, Chain & Ring				5 PSIG	10 PSIG	25 PSIG	50 PSIG	75 PSIG
L7579***	L7579C***	1 3/4"	1 1/4"	1 7/8"	50	70	111	157	192
7579P	—		1 1/4**		37	52	82	116	142
L6579**	L6579C**		1 1/4"		78	110	174	246	301

* Incorporates 3/4" F. NPT dip pipe connection.** Swing-away lower back check valve design for higher filling rate.
 ***L7579 & L7579C are Low Emission - only 2.14cc emissions. Replaces 7579 & 7579C, respectively.
 Note: Multiply flow rate by .94 to determine liquid butane capacity. Note: 7579C includes 3174-93L. 6579C includes 3174-93.



Spare Gasket Ordering Information

ACME	Part no.
1 1/4"	A2797-20R
1 3/4"	A2697-20R
2 1/4"	A3184-8R
3 1/4"	A3194-8R

Combination Low Emission Filler and Overfill Protection Device (OPD)

The SFL7579V Series filler valve is for use on ASME containers. This combined filler valve and overfill protection device is designed to provide fast filling and protection against overfilling of vertical and horizontal above ground LPG containers. This is typically installed in the top of horizontal containers. Low emission filler valve - will not release more than 2.14cc when disconnected. Stable Overfill Protection Device is integral to the filler valve, and will stop the flow of liquid when the 80% level is reached. **Note:** Must be installed in a vertical position. Depending on the application this valve is designed to be used in conjunction with another device such as a fixed liquid level gauge or float gauge in low emission transfer systems.



Part no.	ACME Hose Connection	Tank Connection M.NPTF	Wrench Hex Flats	Propane Liquid Capacity at Various Differential Pressures (GPM)			
				1 PSI	25 PSI	50 PSI	75 PSI
SFL7579V10.6	1 3/4" Male	1 1/4"	1 7/8"	23	49	54	66
SFL7579V11.1							
SFL7579V12.3							
SFL7579V13.0							
SFL7579V13.8							

* Suffix number indicates dip tube length (fixed liquid level gauge). Different lengths available upon request.

Double Check Filler Valves for Delivery Truck Tanks and Large Storage Containers

Designed to provide fast filling of bobtails, transports and large bulk storage tanks. The 6587CD incorporates a swing-away lower check which greatly reduces pressure drop across the valve. This lower pressure drop promotes faster filling rates and greater efficiency resulting in more profitable operations.



7579S



6587EC



3197C

Part no.	ACME Hose Connection	Tank Connection M. NPT	Wrench Hex Flats	Propane Liquid Capacity at Various Differential Pressures (GPM)				
				5 PSIG	10 PSIG	25 PSIG	50 PSIG	75 PSIG
7579S	1 3/4"	1 1/2"	2"	44	62	98	139	170
6587EC*	2 1/4"	2"	2 7/8"	92	130	206	291	356
3197C	3 1/4"	3"	4"	148	210	332	470	575

* Swing-away lower back check valve design for higher filling rates. NOTE: Multiply flow rate by .94 to determine liquid butane capacity.

Single Check Filler Valves for Storage Tanks with Supplementary Back Check Valves

Designed for use with RegO® Back Check Valves to provide fast filling of bulk storage tanks. Also may be used as a spare or replacement part. *These single check filler valves must never be installed directly into container couplings. They must be used with the appropriate back check valve to comply with NFPA Pamphlet #58.*

 3194C,
6584C


Part no.	ACME Hose Connection	Outlet Connection M. NPT	Wrench Hex Flats	Propane Liquid Capacity at Various Differential Pressures (GPM)				For use with Back Check Valve:
				5 PSIG	10 PSIG	25 PSIG	50 PSIG	
3174C	1 3/4"	1 1/4"	1 11/16"	23	33	52	74	3176
6584C*	2 1/4"	2"	2 3/8"	156	220	348	492	A3186
3194C	3 1/4"	3"	3 1/2"	147	208	329	465	A3196

* Stem Assembly designed for higher filling rates. NOTE: Multiply flow rate by .94 to determine liquid butane capacity.



3174C

Vapor Equalizing Valves - General Information

RegO® Vapor Equalizing Valves consist of an upper back check valve and lower excess flow valve. In the closed position, the attachment of a vapor hose coupling with its projecting nozzle, opens the back check valve to permit flow in either direction. The lower excess flow valve is designed to close automatically when flow out of the container being filled exceeds the rated capacity. The valve closes automatically when the coupling is removed. Like the double-check filler valves, the vapor equalizing valves utilize a two-piece body construction. The lower excess flow valve will permit some leakage when the upper back check valve is removed for emergency repairs or replacement. RegO® Vapor Equalizing Valves are designed for use in both ASME and DOT containers.

Spare Gasket Ordering Information

Part no.	Use	Size	Qty. in Package
A2797-20R	Filter, Vapor Valve and Adapter Connections	1 1/4" ACME	25
A2697-20R	Adapter Connections	1 3/4" ACME	25

For actual-size gasket pictures, see page A59.

Double Check Vapor Equalizing Valves for ASME and DOT Containers

Designed to facilitate loading operations by providing equalization of pressures in the supply and storage containers. The supplementary excess flow valve closes when the flow from the container being filled exceeds a predetermined rate. The 7573 Series is designed for use in bulk delivery systems and Autogas containers. The 3183AC is designed for use in delivery trucks and other large containers.

Part no.		ACME Hose Connection	Tank Connection M. NPT	Wrench Hex Flats	Approximate Closing Flow at 100 PSIG Inlet Pressure (SCFH/Propane Vapor)
Basic	With Cap & Chain				
7573D	7573DC	1 1/4"	3/4"	1 3/8"	4,100
—	3183AC	1 3/4"	1 1/4"	2"	10,000



7573D

Vapor Equalizing Adapter for 1 1/4" ACME Vapor Equalizing Valves

Designed for use with RegO Multivalves® that utilize a vapor equalizing port and 7573 series vapor equalizing valves. The adapter's operating handle opens and closes the upper check stem in the vapor equalizing valve after the ACME connection is completely made up. Designed to eliminate the need for gas flow from the vapor equalizing valve whenever the adapter is installed or removed. *A shutoff valve, such as a full port ball valve or globe valve must be installed before the 7573-20 adapter to stop gas flow when the adapter is not connected.*

Adapter Number	Inlet Connection	Outlet Connection	Approximate Length	Approximate Width
7573-20	1 1/4" F. ACME	3/4" M. NPT	4 7/16"	2 3/8"



Single Check Vapor Equalizing Valves for ASME & DOT Containers w/ Supplementary Excess Flow Valves

Designed for use with RegO® Excess Flow Valves to facilitate loading operations by providing equalization of pressures in the supply and storage containers. Also may be used as a spare or replacement part. These vapor equalizing valves must never be installed directly into container couplings. They must be used with the appropriate excess flow valve to comply with NFPA Pamphlet #58.

Part no.		ACME Hose Connection	Tank Connection M. NPT	Wrench Hex Flats	Approximate Closing Flow at 100 PSIG Inlet Pressure (SCFH/Propane Vapor)	For Use with Excess Flow Valve
Basic	With Cap & Chain					
3170	—	1 1/4"	3/4"	1 1/4"	7,600	3272E
—	3180C	1 3/4"	1 1/4"	1 11/16"	10,000	3282A



3170

Low Emission ACME Connectors for Transports and Bobtails

Low Emission Connectors 6588LE & 6589LE

Features: 3 1/4" Male ACME Connector with **Reduced Emissions - 90% Less** than current RegO ACME Adapters. UL Listed as a Filler Valve. Safety groove is designed to shear below ACME threads, leaving the valve seat closed and unaffected if the vehicle pulls away with the hose connected. Seat disc is made of synthetic composition and is mechanically held in place by a seat disc retainer. Stainless Steel return spring. One-piece poppet stem for smooth operation. Will connect to any standard female 3 1/4" ACME adapter. Hydrostatic relief valve included (3125L).



Part no.	ACME Connection	Outlet Connection M. NPT	Wrench Flats	Hydrostatic Relief Valve	Propane Capacity at Various Differential Pressures (GPM)		
					5 PSIG	10 PSIG	25 PSIG
6588LE	3 1/4"	2"	3 1/2"	3125L	138	223	349

Back Pressure Check Valves - General Information

RegO Back Pressure Check Valves are designed to allow flow in one direction only. The check, normally held in the closed position by a spring, precludes the possibility of flow out of the container. When flow starts into the container, the pressure overcomes the force of the spring to open the check. When the flow stops or reverses, the check closes. Metal-to-metal seats will allow slight leakage after closure. These valves will restrict the escape of container contents in the event of accidental breakage of the piping or fittings.

Back Pressure Valves for Container or Line Applications

Designed to provide protection of a container opening when desired flow is always into the vessel. May be used in line applications where flow must be limited to one direction. When used with the appropriate single check filler valve, the combination forms a double check filler valve suitable for use in filling of bulk storage tanks.



Part no.		A Inlet Connection F. NPT	B Outlet Connection M. NPT	C Wrench Hex Flats	D Effective Length (Approx.)	Propane Liquid Capacity at Various Differential Pressures (GPM)			
Brass	Steel					5 PSIG	10 PSIG	25 PSIG	50 PSIG
—	A3146	3/4"	3/4"	1 3/8"	1 15/16"	11	16	25	36
3146S*	—								
3176	A3176	1 1/4"	1 1/4"	2"	1 13/32"	28	40	63	89
—	A3276BC*								
—	A3186	2"	2"	2 7/8"	2 3/8"	124	175	276	391
—	A3196	3"	3"	4"	3 7/32"	297	420	664	939
—	A3198S*	3" Male & 2" Female**	3" Male & 2" Female**	3 1/2"	3 1/4"	210	290	400	

*Soft seat version. ** Note: The 3" M. NPT connections on A3198S must be used for in-line service; the 2" outlet connection is for a standpipe when installed inside of a container. NOTE: Multiply flow rate by .94 to determine liquid butane capacity and by .90 to determine liquid anhydrous ammonia capacity.



3146S



A3276BC



A3176



A3198S

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Swing Away Back Pressure Check Valves for Container or Line Applications

Designed to provide protection of a container opening when desired flow is always into the vessel. May also be used in the line applications where flow must be limited to one direction. When used with the appropriate single check filler valve, the combination forms a double check filler valve suitable for use in filling of bulk storage tanks. The swing-away check offers more efficient flow rates than conventional designs. It swivels open vertically to reduce pressure drop across the valve and improves flow rates.



Part no.		Inlet Connection F. NPT	Outlet Connection M. NPT	Wrench Hex Flats	Propane Liquid Capacity at Various Differential Pressures (GPM)			
Brass	Steel				5 PSIG	10 PSIG	25 PSIG	50 PSIG
6586D		2"	2"	2 3/4"	190	270	420	600
	A6586D			2 7/8"				

NOTE: Multiply flow rate by .94 to determine liquid butane capacity.



6586D

Back Pressure Check Valves for Flanged Installation

Designed to provide high flow capacity and allow more efficient tank filling than conventional designs. The unobstructed throat area reduces flow turbulence through the valve, thereby reducing pressure drop. Large flow channels and spacious side ports assure ample capacity for the most demanding high capacity filling operations. The valve is designed for installation in internally threaded flanges in container bottoms.



Part no.	Flange Connection M. NPT	Wrench Hex Flats	Overall Length	Propane Liquid Capacity at Various Differential Pressures (GPM)			
				5 PSIG	10 PSIG	25 PSIG	50 PSIG
A3400L4	2"	Slotted	5 1/4"	223	316	500	707
A3400L6	3"		5 9/32"	424	600	949	1342

NOTE: For installation in flange tank connections with internal threads, see the "Flanged Installation in Container" section under "Excess Flow Valves." Multiply flow rate by .94 to determine liquid butane capacity and by .90 for liquid anhydrous ammonia capacity.

A3400L6



Threaded Internal Valves with Electric Actuator

Designed primarily for use with LP-Gas and anhydrous ammonia applications. Contact Teeco for specific applications for the various series.

Note: UL listed for the EA3211D Series, EA3212R and EA3212RT Series, EA3213D Series and EA3213DT Series

Series no.	Inlet Connection	Outlet Connection	Voltage
EA3209D Series	1 1/4"	1 1/4"	12/24 VDC
EA3211D Series	1 1/2"	1 1/2"	
EA3212R Series	2"	2"	
EA3213D Series	3"	3"	



EA3209 Series

1 1/4" Threaded Internal Valves

A3209D & A 3209DT Series for Small Capacity Pumping Systems and Bobtail Vapor Equalization

Designed primarily for use with LP-Gas and anhydrous ammonia as a main valve on small capacity pumping systems, NH₃ nurse tanks and in-line installations. It may also be installed in the vapor equalizing opening on bobtail delivery trucks. Installation is quick and easy, and it fits in both full and half couplings, as well as, in-line applications. The valve may be actuated manually by hand or cable. **Note:** A3209D replaces A3209R.



A3209TL

A3209PAF

A3209PA

A3209D Series

Part no.	Inlet Connection M. NPT	Outlet Connection F. NPT	Closing Flow** (GPM)		LP-Gas Vapor Capacity** (SCFH/Propane)		Accessories	
			LP-Gas	NH ₃	25 PSIG Inlet	100 PSIG Inlet	Thermal Latch	Pneumatic Actuators
A3209D050	1 1/4"	1 1/4"	50	45	13,300	22,900	A3209TL	A3209PAF
A3209D080			80	72	15,700	26,700		
A3209DT050	1 1/4"	1 1/4"	50	45	13,300	22,900	A3209TL	A3209PAF
A3209DT080			80	72	15,700	26,700		

*Installs in full or half coupling. **Data for flow in half coupling.

1 1/2" Straight Through Internal Valve

Designed primarily for use with LP-Gas and anhydrous ammonia as a main valve on pumping systems and in-line installations. Installation is quick and easy. Fits in both full and half couplings, as well as in-line applications. Valve may be opened manually by hand or pneumatic actuator.

Part no.	Inlet M. NPT	Outlet F. NPT	Closing Flow GPM				LP-Gas Vapor Capacity (SCFH/Propane)		Accessories	
			Half Coupling		Full Coupling		25 PSIG Inlet	100 PSIG Outlet	Thermal Latch	Pneumatic Actuator
			LP-Gas	NH ₃	LP-Gas	NH ₃				
A3211D080	1 1/2"	1 1/2"	80	72	63	67	15,700	26,700	A3209TL	A3209PAF
A3211D110			110	99	84	76	N/A	N/A		



A3211D

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3" Flanged Internal Valve for Bobtail Delivery Trucks, Transports, & Large Stationary Storage Tanks

Designed primarily for LP-Gas and anhydrous ammonia filling and/or withdrawal on MC331 bobtail delivery trucks, transports and stationary storage tanks with flanged pumps or piping. Installation is quick and easy, and the valve may be operated manually by cable or pneumatically. Lever available on right or left side to allow for installation without the use of an extra pulley.

Part no.		Operating Lever Position	Inlet Connection	Outlet Connection	Closing Flow GPM		Accessories
Single Flange Body	Double Flange Body				LP-Gas	NH ₃	
A3217AR160	A3217DAR160	Right Side	3" 300# ANSI RF Modified Flange**	3" 300# ANSI RF Flange	160	145	A3217ARPA
A3217AL160	A3217DAL160	Left Side					A3217ALPA
A3217AR210	A3217DAR210	Right Side			210	190	A3217ARPA
A3217AL210	A3217DAL210	Left Side					A3217ALPA
A3217AR260	A3217DAR260	Right Side			260	236	A3217ARPA
A3217AL260	A3217DAL260	Left Side					A3217ALPA
A3217AR410	A3217DAR410	Right Side			410	372	A3217ARPA
A3217AL410	A3217DAL410	Left Side					A3217ALPA

* Valve supplied with 16 nuts and 8 studs for mounting. ** Modified bore = 4 5/8" diameter with 5 3/4" diameter raised face.



Rotary Actuator Kits

Rotary Actuator Kits	Rotary Pneumatic Actuators	For Use On
A3217RA	TA3217RA	A3217AR and A3217DAR Series
A3217LA	TA3217LA	A3217AL and A3217DAL Series

4" Flanged Internal Valve for Transports and Large Stationary Storage Tanks

Designed primarily for LP-Gas and NH₃ service on MC331 transport pressure vessels and large stationary storage tanks. Installation is quick and easy, and it fits in most existing tank flanges. Valve may be actuated manually or pneumatically. Use of the A3219RT Remote Thermal Release with this valve is suggested to provide a remote means of mechanical closure along with thermal protection, as required by DOT.

Part no.*	Inlet Connection	Outlet Connection	Closing Flow (GPM)		Accessories			
			LP-Gas	NH ₃	Pneumatic Actuator	Remote Thermal Release	Rotary Actuator	
A3219FA400L	4" 300# ANSI RF Modified Flange**	4" 300# ANSI RF Flange	400	360	A3219FPA	A3219RT	(2)	A3219RA
A3219FA600L			600	540	A3219RA			
A3219FA600W			400	360	---		A3219W	---
A3219FA400W					---		---	

* Valve supplied with 16 nuts and 8 studs for mounting. ** Modified bore = 5 7/8" diameter with 7" diameter raised face.



Remote Thermal Release for DOT MC331 Pressure Vessel

Designed especially for use with Internal Valves installed in DOT MC331 pressure vessels. The A3219RT provides a remote means of mechanical closure along with thermal protection, as required by DOT MC331. The A3219RT is connected by cable to the internal valve(s) on the vessel. In the event of extreme heat (over 212° F), the fuse link will melt, causing the spring to contract and pull the cable. When properly installed the cable will trip the internal valve release lever(s) allowing the connected handle(s) to move to the closed position.

Part no.	For Use With	Release Temperature	Spring Load		Minimum Number Required by MC331
			Fully Extended	After 4" Travel	
A3219RT	Internal Valves	212° F	100 lbs.	50 lbs.	2



Remote Cable Controls for Internal Valves

The 3200C Remote Cable Kit is designed especially for use with the 3200L Remote Operating Lever to operate internal valves from a remote location. The internal valve is opened by pulling back the remote operation lever and closed by returning the lever to its original position. A remote release is provided to close the internal valve from a different remote location.

Part no.	Description	Contents
3200C	Remote Cable Kit	100 Foot Cable, 6 Cable Clamps, Quick Link, Sign, Fuse Link, Steel Nut and Bolt.
3200L	Operating Lever	Lever Assembly



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Flomatic® Internal Valves - General Information

RegO® piston type Flomatic® Internal Valves are normally closed and use pressure differential to provide completely automatic service. Mounted directly between the tank body and pump, the Flomatic® uses the pressure differential developed by the pump to open the valve and it closes automatically when the differential no longer exists. This means the RegO® Flomatic® opens when the pump is on and closes when the pump is shut off - fully automatic.

Flomatic® Internal Valves for Bobtail Delivery Trucks, Transports & Large Stationary Storage Tanks

Designed primarily for LP-Gas and anhydrous ammonia liquid withdrawal on MC331 bobtail delivery trucks, transports and large stationary storage containers with flanged connections. The valve is fully automatic, opening and closing as the pump is turned on or off.

A7853A
Three-way
quick-acting
valve



Part no.	Inlet Connection ANSI Flange	Outlet Connection ANSI Flange	Strainer Width	Base Width	Overall Height (Approx.)	Height From Indicator to Base	Accessories (Included w/ Flomatic)	
							Filter	3-Way Valve
A7883FK	3" 300#**	3" 300#	4¾"	8¼"	10 7/8"	4 13/16"	A7884-201	A7853A
A7884FK	4" 300#***	4" 300	5¾"	10"	11¼"	4 15/16"	Pneumatic Actuators	
							A7853PA	A7853PAF

*Supplied with A7853A 3-way valve, A7884-201 filter, studs, nuts and gaskets. **With 4 13/16" diameter bore. ***With 5 13/16" diameter bore.

Threaded Internal Valves for Bobtail Delivery Trucks Transports & Stationary Storage Tanks

Designed primarily for use with LP-Gas and Anhydrous Ammonia for liquid or vapor transfer; vapor equalization of bobtail delivery trucks, transports, stationary storage tanks, and in-line installations. The valves may be operated horizontally or vertically and manually by cable or pneumatically.

A3212R and A3213D Series

Part no.	Inlet Connection M. NPT	Outlet Connection F. NPT	Closing Flow (GPM) Half Coupling		Closing Flow (GPM) Full Coupling		Accessories	
			LP-Gas	NH ₃	LP-Gas	NH ₃	Rotary Actuator	Thermal Latch
A3212R105	2"	2"	105	95	65	59	A3212RA	A3213TL
A3212R175			175	158	100	90		
A3212R250			250	225	130	117		
A3213D150	3"	3"	150	135	125	113	A3213RA	A3213TL
A3213D200			200	180	160	144		
A3213D300			300	270	250	225		
A3213D400			400	360	325	293		

A3212R Series with A3213TL thermal latch



A3212RT Series and A3213DT Series

Part no.	Inlet Connection M. NPT	Outlet Connection F. NPT	Closing Flow (GPM) Half Coupling		Closing Flow (GPM) Full Coupling		Accessories	
			LP-Gas	NH ₃	LP-Gas	NH ₃	Rotary Actuator	Thermal Latch
A3212RT105	2"	2"	105	95	65	59	A3212RA	A3213TL
A3212RT175			175	158	100	90		
A3212RT250			250	225	130	117		
A3213DT150	3"	3"	150	135	125	113	A3213RA	A3213TL
A3213DT200			200	180	160	144		
A3213DT300			300	270	250	225		
A3213DT400			400	360	325	293		

NOTE: The A3212PA pneumatic actuator and A3212TL thermal latch will not work with the new A3212R or A3212RT Series threaded internal valves.

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Extended Type Hose Couplings for Vapor and Liquid Service

Designed especially for liquid filling and vapor equalization of LP-Gas and anhydrous ammonia. The limited travel of the handle on the tailpiece minimizes spin-off, encouraging cautious removal to properly bleed off trapped product to assure closure of the filler valve and hose end valve. The ACME threads are machined on a rugged steel insert which is permanently cast in the aluminum handle, providing for durability under repeated use.

Part no.	Type of Service	Hose Connection M. NPT	Coupling Connection F. ACME	Approximate Length
A7575L2*	Liquid	1/2"	1 3/4"	7"
A7575L3		3/4"		
A7575L4		1"		
A7575L5**		1 1/4"		
A7571LA	Vapor	1/2"	1 1/4"	
A7571LB		3/4"		

* Includes 7199-33 adapter, shipped loose.

** Includes A7575L5-1 adapter, shipped loose.



A7571 Series



A7575 Series

Short Type Hose Couplings for Vapor and Liquid Service



Style A
for liquid filling.
3175 Series



Style B
for liquid filling.
A3185



Style C
for vapor equalizing.
3171 Series



Style D
for vapor equalizing.
3191 Series



Part no.	Material	Style	Hose Connection (M. NPT)	Coupling Connection (F. ACME)	Tailpiece Bore	Hose End to Nut	Overall Length
3175B	Brass	A	1/2"	1 3/4"	35/64"	2"	2 7/8"
3175			3/4"		3/4"		
3175A			1"		3/4"		
3185	Brass Nut & Steel Nipple	B	1 1/4"	2 1/4"	1 3/16"	2 1/16"	3 1/8"
3195			2"	3 1/4"	1 13/16"	2 1/4"	3 5/8"
3195S							
A3195S	Steel	A	3/4"	1 3/4"	7/8"	2"	2 7/8"
A3175A			1"				
A3185		B	1 1/4"	2 1/4"	1 3/16"	2 1/8"	3 1/8"
A3195			2"	3 1/4"	1 7/8"	2 1/4"	3 5/8"
3171	Brass	C	3/8"	1 1/4"	3/8"	1 3/16"	2 13/32"
3171A			1/2"		31/64"		
3181			3/4"	1 3/4"	3/4"	1 3/16"	2 11/16"
3181A			1"		3/4"	1 7/8"	2 3/4"
3191		D	1 1/4"	2 1/4"	1 3/16"	2 1/8"	3 3/16"

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ACME Check Connectors for Lift Trucks

Brass connectors especially designed to join the carburetor fuel line to the service valve on lift truck cylinders. Sturdy, long lasting ACME threads allow quick, hand-tight assembly that provides for quick and simple cylinder replacement. Back checks automatically close in each connector when disconnected. The 7141M couples directly to the service valve. An integral O-ring is designed to seal before the internal check opens, aiding in product loss prevention. A gasket at the ACME thread is a secondary seal when the connectors are tightened together. The connector fits RegO® lift truck cylinder filling adapters for fast, convenient filling. The 7141F accepts fuel line adapter and couples directly to the 7141M. The O-ring seal in the 7141M is designed to seal before the internal check opens to allow product to pass through the connection. The knurled coupling eases threading and the ACME threads provide rapid effortless make-up, even against LP-Gas pressure.

Part no.	Application	Inlet	Outlet	Protective Cap*		Replacement Gaskets Pack of 25
				Rubber	Brass	
7141M	Service Valve	3/8" F. NPT	1 1/4" M. ACME	7141M-40	7141FP	7141M-3R
7141F	Fuel Line	1 1/4" F. ACME	1/4" F. NPT	—	—	—

* Recommended to minimize foreign material entering valves which could result in leakage.



7142LF and 7142LM Left Hand Thread ACME Connectors

For Vapor Withdrawal Industrial Cylinders Designed for Propane Fueled Lawn Mowers

Brass connectors designed to join the carburetor vapor fuel line to the service valve on industrial cylinders, especially designed for and used on propane fueled lawn mowers. Sturdy long lasting ACME left hand threads provide for quick hand tight assembly that enables quick and simple cylinder replacement.

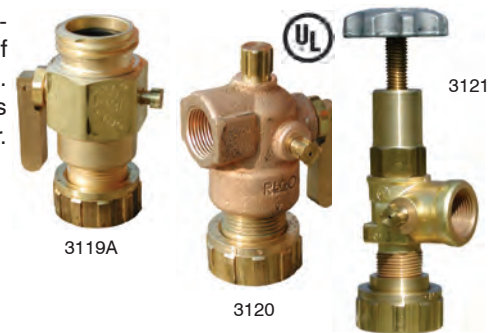
Part no.	Application	Inlet	Outlet	Protective Cap
				Rubber
7142LM	Vapor Service Valve	3/8" F. NPT	1 1/4" M. ACME - left hand	7141M-40
7142LF	Vapor Fuel Line	1 1/4" F. ACME - left hand	1/4" F. NPT	—



Unloading Adapters for Container Evacuation

Designed to provide an efficient means of evacuating an LP-Gas container for relocation or repair. They thread directly onto the 1 3/4" ACME male hose connection of RegO® Filler Valves used on RegO® Double Check Filler Valves and Multivalves®. The unloading adapters can be used to withdraw liquid provided the container is equipped with a dip pipe extending from the filler valve to the bottom of the container.

Part no.	Style	Filler Valve Connection	Hose Connection
3119A	In-Line	1 3/4" F. ACME	1 3/4" M. ACME
3120	Angle		3/4" F. NPT
3121			



Filler Hose Adapters

These adapters are designed with minimal flow restriction and recommended for use on the outlet of the LP-Gas delivery truck filler hose. If the controlled bleed off of the connection indicates the filler valve on the tank being filled has failed to close, the hose adapter should be left in place on the filler valve and disconnection should be made at the regular filler hose coupling. (Repair of the filler valve must be made as soon as possible). An integral check valve in these adapters helps prevent further loss of product. The standard filler valve cap should be attached to these adapters when left on the container.

Part no.	Built-In Vent Valve	Filler Valve Connection	Hose Connection
7577V	Yes	1 3/4" F. ACME	1 3/4" M. ACME
3179A	No		
3179B			
7576	Yes		



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ACME Plugs

Specifically designed to withstand the everyday abuse given hose end valves on delivery trucks and hose end couplings on risers in bulk plants. These rugged plugs protect the coupling tip as well as prevent the entrance of dirt, dust, snow and rain. They also prevent possible gas contamination from these same sources. The heavily ribbed outer surface permits hand-tight make-up.

Part no.	Material	M. ACME	Chain & Ring Fits Pipe Size Up to:
C5763N	Nylon	1 1/4"	3/4"
C5765N		1 3/4"	1 1/4"
5765PR	Brass		Not Applicable
C5767N	Nylon	2 1/4"	1 1/4"
C5769N		3 1/4"	2"

C5763



POL Plugs

Highly recommended for installation in LP-Gas cylinder valve POL outlets whenever the service line is disconnected or when the cylinder is being transported. When properly installed, the POL plug is designed to prevent contamination of the valve outlet and guards against product leakage if the cylinder valve is accidentally opened.

Part no.	Material	Connection
N970P	Cyclac	M. POL (CGA 510)
10538P*	Brass	
3705RC		



10538P



N970P



* 10538P Has hole for attaching wire to prevent loss of plug.

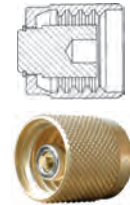
Caps and Reducer Couplings

Cap with Chain & Ring		Cap/Reducer Only Part no.	Material	Thread Connection
Part no.	Ring Fits Pipe Size Up To:			
3144-91	3/4"	3144-9P	Cyclac	1 1/4" F. ACME
3174-91		3174-9P		1 3/4" F. ACME
3174-93				
A8016-93	1 1/4"	A8016-9P	Nylon	
1708C	3/4"	—	Brass	F. POL (CGA 510)
7141FP	1 1/4"			1 1/4" F. ACME
3175P				1 3/4" F. ACME
A3175P	1 1/4"		Steel	1 3/4" ACME
3184-90	2"	5774 *	Brass	2 1/4" F. ACME
—				
3194-90	3"	3194-9		3 1/4" F. ACME
—	—	5776 *		
A3184-90	2"	—	Steel	2 1/4" F. ACME
A3194-90	3"			3 1/4" F. ACME
—	—			A5776 *

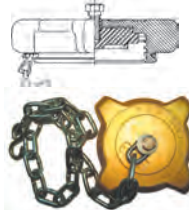
3144-91 Plastic Cap



7141FP Cap Plug



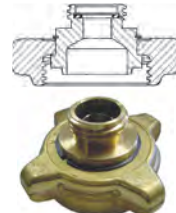
3194-90 Metal Cap



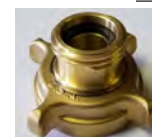
1708C POL Cap



A5776 Reducer Coupling



3175P Cap Plug



5774



5776

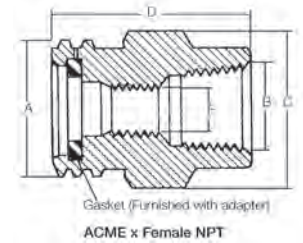
* Reduces to 1 3/4" M. ACME

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ACME Adapters

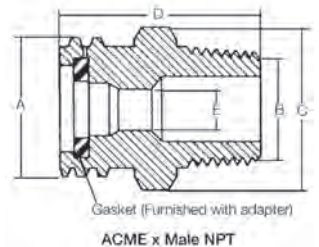
ACME x Female NPT

Part no.	Material	A M. ACME	B F. NPT	C Hex	D Overall Length	E Diameter	Spare Gasket Part No.
5764A	Brass	1 3/4"	1/4"	1 3/4"	1 3/4"	13/32"	A2697-20R
5764B			3/8"		1 23/32"	9/16"	
5764C			1/2"		1 1/4"	11/16"	
5764D			3/4"		1 9/32"	29/32"	
5764E			1"		1 5/16"		
5766E			2 1/4"		1"	2 1/4"	
5766F	1 1/4"	1 3/8"					
5768G	3 1/4"	1 1/2"		3 1/4"	1 3/4"		1 11/16"
A5764D	Steel	1 3/4"	3/4"	1 3/4"	2 3/16"	7/8"	A2697-20R
A5764E			1"				
A5768H			3 1/4"				



ACME x Male NPT

Part no.	Material	A M. ACME	B M. NPT	C Hex	D Overall Length	E Diameter	Spare Gasket Part No.		
5763D	Brass	1 1/4"	3/4"	1 1/4"	1 3/4"	1/2"	A2797-20R		
5765D			1 3/4"		3/4"	1 3/4"	1 23/32"	29/32"	A2697-20R
5765E					1"		2 3/32"		
5765F					1 1/4"				
5767F			2 1/4"		1 1/4"	2 1/4"	2 3/8"	1 3/16"	A3184-8R
5767G					1 1/2"			1 3/8"	
5767H					2"			2 3/8"	
5769K	3 1/4"	3"	3 1/2"	3 5/8"	2 1/8"	A3194-8R			
A5765C	Steel	1 3/4"	1/2"	1 3/4"	2 3/16"	17/32"	A2697-20R		
A5765D			3/4"			11/16"			
A5765E			1"			57/64"			
A5765F			1 1/4"						
A5767F			2 1/4"					1 1/4"	A3184-8R
A5769H			3 1/4"			2"		3 1/4"	2 7/8"
A5769K	3"	4"		3 13/16"					



5778 ACME Reducing Adapter

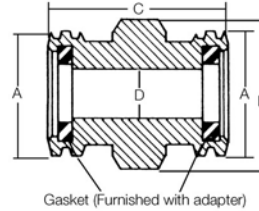
Part no.	Body Material	Description
5778	Brass	3 1/4" F-ACME x 2 1/4" M-ACME Reducing Adapter



ACME Adapters (continued)

ACME x ACME

Part no.	Material	A M. ACME	B Hex	C	D Diameter	Spare Gasket Part No.
5765M	Brass	1 1/4"	1 1/4"	2 1/16"	7/8"	A2697-20R
5767M		2 1/4"	2 1/4"	2 5/16"	1 25/64"	A3184-8R
5769M		3 1/4"	3 1/4"	2 3/4"	2 1/8"	A3194-8R



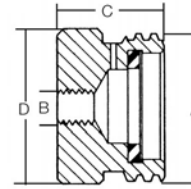
ACME x ACME



ACME x Miscellaneous

Part no.	Material	A M. ACME	B Thread	C	D Hex	Spare Gasket Part No.
A5764W	Steel	1 1/4"	3/8"*	1 1/4"	1 3/4"	A2697-20
5764W	Brass					

*3/8" -16 UNC Thread.



ACME x Miscellaneous
(Recommended for securing hose-end valve when not in use).



Note: 5764W is 1/8"

3/4" M. ACME x 2" M. NPT Adapter With Vent Valve and Integral Screen

Part no.	Vent Valve	Hex Size	Thread	"A" Length
5769H	-	3 1/4"	2" MNPT	2.875
5769HVB	3165CBT			3.15
5769HVSS	TSS3169			

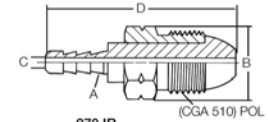
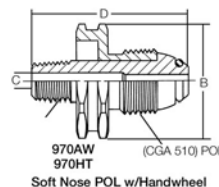
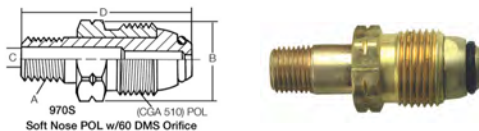
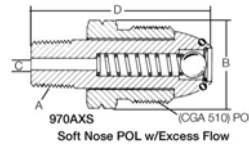
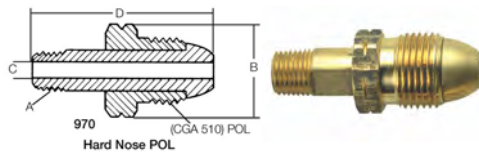
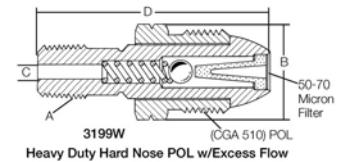


5769HVB

Male POL Swivel Adapters

Part no.	Material	A	B Hex	C Drill	D	Closing Flow (Propane)	
						Vapor at 100 PSIG Inlet (SCFH)	Liquid (GPM)
970	Brass	1/4" M. NPT	7/8"	5/16"	2 3/8"	—	—
970S				3/16"	2 3/32"	—	—
970AX				5/16"	2 5/64"	404	1.1
970AXS					2 7/16"	450	0.95
3199W					2 3/32"	—	—
970AW					3/16"	—	—
970HT		1 3/8"	3/16"	—	—		
970JR		1/4" Hose Barb	1 7/8"	5/32"	2 5/8"	—	—

Note: All nipples incorporate wrench hex section.

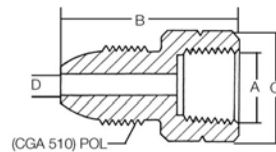


Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

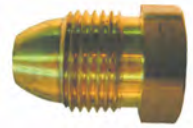
POL Adapters

Male POL x Female NPT

Part no.	Material	A F. NPT	B	C Hex	D
2906A	Brass	1/4"	1 3/8"	1 5/16"	1/4"
2906G		1/2"	2"	1 1/8"	

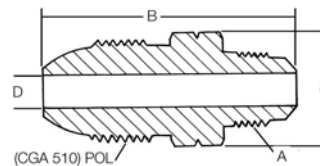


Male POL x Female NPT



Male POL x Male NPT and SAE Flare

Part no.	Material	A	B	C Hex	D Diameter
2906D	Brass	3/8" M. NPT	2 1/16"	15/16"	11/32"
2906F		3/8" SAE Flare		7/8"	
2906E		1/2" SAE Flare	2 1/4"		9/32"

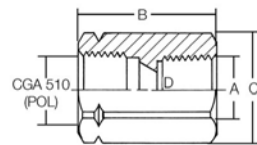


Male POL x Male NPT and SAE Flare



Female POL x Female NPT and Female POL

Part no.	Material	A F. NPT	B	C Hex	D Diameter
5760Z	Brass	1/8"	1 5/8"	1 1/8"	5/16"
5760A		1/4"			13/32"
5760B		3/8"			35/64"
5760C		1/2"			43/64"
5760D		3/4"	1 7/8"	1 3/8"	13/32"
5760S		POL (CGA510)	2 1/8"	1 1/8"	



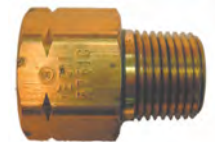
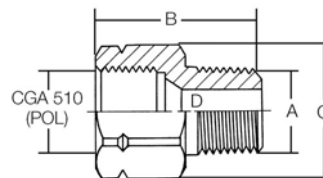
Female POL x Female NPT and Female POL



5760S
POL x POL
Coupling / Union

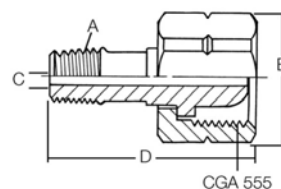
Female POL x Male NPT

Part no.	Material	A M. NPT	B	C Hex	D Diameter
5761A	Brass	1/4"	1 5/8"	1 1/8"	3/16"
5761B		3/8"			13/32"
5761C		1/2"			7/16"
5761D		3/4"			



CGA 555 Swivel Adapters

Part no.	Material	A	B Hex	C	D
12982	Brass	1/4" M. NPT	1 1/4"	3/16"	1 15/16"

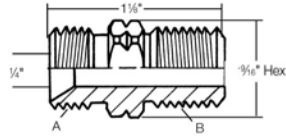


CGA 555



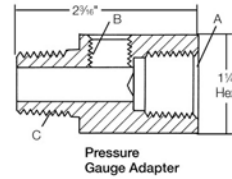
Hose Adapter for Use with Fuel Gasses (LP-Gas, Acetylene)

Part no.	Material	A	B
1300	Brass	9/16" -18NF (L.H.)	1/4" M. NPT



Pressure Gauge Adapter

Part no.	Material	A	B	C
1494-1	Brass	1/2" F. NPT	1/4" F. NPT	1/2" M. NPT



Miscellaneous Adapters

Male UNF x Female UNF x Hose Barb

Adapters	Description
1328	3/8" M. Flare x 3/8" F. Flare Swivel
1331	1/2" M. Flare x 1/2" F. Flare Swivel
1332	5/8" M. Flare x 5/8" F. Flare Swivel



ACME Caps with Lanyard and Nameplate

3 14/16" Brass ACME Caps feature name plates calling out liquid, vapor or spray fill. In addition, this ACME cap assembly is fitted with a cable type lanyard crimped and installed on the cap.

Cap with Label/Lanyard

Part no.	Marked on Cap	Material	Thread Connection
3194-91L	Liquid	Brass	3 1/4" FACME
3194-91S	Spray Fill		
3194-91V	Vapor		
A3194-91L	Liquid	Steel	
A3194-91S	Spray Fill		
A3194-91V	Vapor		



Name Plate Only

Part no.	Marked on Cap	Material
3194-11AL	Liquid	Aluminum
3194-11AS	Spray Fill	
3194-11AV	Vapor	
3194-11ALS	2-sided Liquid / Spray Fill	



3194-11AL Plate



3194-11AV Plate

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

1" Rotogages® for Large Mobile and Stationary Containers

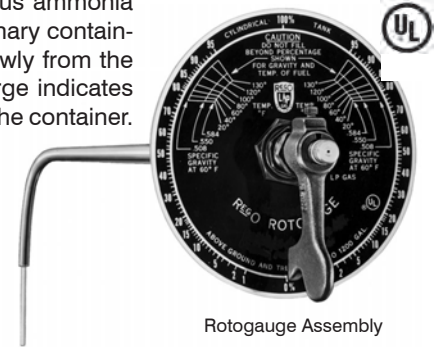
Rotogages® are designed to provide an accurate determination of LP-Gas or anhydrous ammonia container contents. They mount in a standard 1" NPT coupling on large mobile or stationary containers. To operate the Rotogages®, the vent valve is opened and the dip tube rotated slowly from the container vapor space to the liquid space. The difference in appearance of the discharge indicates when the liquid level is reached. Dial readings then indicate the percentage of product in the container.

Rotogage® Dials

Part no.	Service	Container Size
A9091-18L	LP-Gas	All Sizes
A9091-18LX*	LP-Gas	Over 1,200 US Gallons
A9091-18N	NH ₃	All Sizes


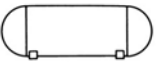


A9091-18L



Rotogauge Assembly

Rotogage® Ordering Information

Part no.				For Container Inside Diameter			
For Use with LP-Gas		For Use With NH ₃		Ellipsoidal Heads		Hemispherical Heads	
For Mobile or Stationary Containers	For Stationary Containers Only	For Mobile or Stationary Containers	For Stationary Containers Only				
				Side Mounted	End Mounted	Side Mounted	End Mounted
A9091R	—	A9091R	—	30"-45"	30"-75"	30"-45"	30"-45"
A9091-M24		A9091-M24					
A9092R	—	A9092R	—	46"-61"	76"-108"	46"-61"	46"-61"
A9091-M36		A9091-M36					
A9093TS	A9093RS	A9093TS	A9093RS	62"-79"	109"-147"	62"-79"	62"-79"
A9091-M48*	A9091-M48	A9091-M48*	A9091-M48				
A9094TS	A9094RS	A9094TS	A9094RS	80"-99"	—	80"-99"	80"-99"
A9091-M60*	A9091-M60	A9091-M60*	A9091-M60				
A9095TS	A9095RS	A9095TS	A9095RS	100"-147"	—	100"-147"	100"-147"
A9091-M72*	A9091-M72	A9091-M72*	A9091-M72				

* Supported Design. NOTE: The dip tube must be cut to the required length (1/2 of container inside diameter minus 5 3/4").

3/4" Rotogages® for Small Stationary and Mobile LP-Gas Containers

Rotogages® are designed to provide accurate determination of LP-Gas container contents. They may be end or side mounted in a standard 3/4" NPT coupling on stationary or mobile containers. To guarantee accurate measurement, they should not be used on stationary containers that exceed 60" I.D. or on mobile containers, subject to vibration, with an I.D. of more than 24".

Part no.		For Containers with Inside Diameter	Tank Connection	Valve Seat Orifice
Rotogage	Dip Tube			
2070C0	2071L-25.7	Up to 40"	3/4" M.NPT	No. 54 Drill Size
	2071L-39.7	Up to 60"		

NOTE: The dip tube must be cut to the required length (1/2 of container inside diameter minus 1/2"),



2070C0

Sight Flow Indicators for Bulk Plants

Designed to promote maximum pump efficiency, these indicators enable bulk plant operators to visually inspect liquid flow conditions. With glass on both sides of the indicator, flow can be observed from either side, even under some poor light conditions. Integral swing check also serves as a back-check valve to prevent reverse flow and product loss if the hose fails in a loading operation.

By installing an indicator on the upstream side of the plant pump, suction conditions can be observed and the pump speed adjusted to obtain the maximum possible flow rate without cavitation. Additionally, if an indicator is installed in the piping at the loading rack, just ahead of the loading hose, the operator can maintain a constant check on pump conditions. Both installations are designed to allow for observation to provide maximum pump efficiency and assure safe plant pump operation.

In compressor operations a sight flow indicator installed in the liquid line will give a visual indication when the tank car or transport is emptied. Compressor operation can then be immediately reversed to start recovery of the vapor.

Part no.	Inlet / Outlet Connections	Length
A7794	2" F. NPT	5 3/4"
A7796	3" F. NPT	7 3/8"



Pull Away Valves for Transfer Operations

Designed especially to provide pull-away protection for LP-Gas and anhydrous ammonia transfer operations including transport and delivery truck loading and unloading, engine fuel container filling and miscellaneous cylinder filling operations. When properly fastened to the inlet end of the discharge hose, the valve is designed to stop gas escape from both upstream and downstream lines in the event of a pull-away. An excessive tension pull causes the valve to automatically separate, closing two internal back pressure checks. Only a few cubic centimeters of gas escape at the instant of separation.

It is recommended that a convenient means be provided to safely remove the pressure from the line upstream of each coupling half to enable reassembly of the valve. To reassemble, simply push the male half firmly into the female half until the retaining balls slip into the retaining groove. Check for leaks after reassembly.

NOTE: It is recommended that pull-away valves be safety-tested at least monthly to confirm that they will separate properly in the event of a pull-away. Dry nitrogen or other inert gas is suggested for a source of pressure during such tests.



A2141A6



A2141A10

Part no.	Inlet/Outlet Connections F. NPT	Disconnect Force Approx. lbs.	Reconnect Force Approx. lbs.	Length of Valve	LP-Gas Liquid Flow Capacity at Various Differential Pressures (GPM)*			
					5 PSIG	10 PSIG	25 PSIG	50 PSIG
A2141A6	3/4"	130	80	3 7/8"	11	16	25	36
A2141A6L								
A2141A8	1"	75	50	4 9/16"	21	30	47	67
A2141A8L								
A2141A10	1 1/4"	160	25	5 5/8"	52	75	120	170
A2141A16	2"	300	50	14 5/16"	250	350	550	750

* To determine NH3 liquid flow capacity, multiply by .90.

Heavy Duty Swing Check with Flow Indicator

Designed to provide required back flow protection for the unloading riser in the bulk plant's transfer area. Designed specifically for pipeline installation and suitable for LP Gas and Anhydrous Ammonia service. Product flow moves the swing check to the open position. When flow stops, the spring loaded swing check closes.



A7616

Part no.	For Use With:	Inlet & Outlet Connections	Liquid Flow Capacity at 10 PSIG Drop (GPM)
A7616	LPG & NH3	2" F. NPT	711 GPM (LPG) / 640 GPM (NH3)
A7624		3" F.NPT	1325 GPM (LPG) / 1173 GPM (NH3)

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Emergency Shutoff Valves

A6010, A6016 & A6024 Emergency Shutoff Valves

Designed for installation in liquid or vapor transfer lines at LP-Gas or Anhydrous Ammonia bulk plants to provide for quick shut-off of liquid or vapor flow in the event of an accidental pull-away, line break, or hose rupture.

- Fusible element is located in the thermal fuse assembly, which acts as latch open and close trigger. When exposed to fire, the element melts at 212° F, allowing the shaft to return to the closed position.
- Valve can be opened by use of operating lever. If a pneumatic actuator is used, it will open with the actuator.
- Valve can be closed by remote cable or pneumatic actuator.
- Valve can be closed by simply pushing the operating lever down; it is not necessary to trip the close trigger.

Meets NFPA 58 and UL requirements.



Part no.	Seat	Inlet & Outlet Connections	Accessories			Liquid Flow @ 10 PSIG Pressure Drop (GPM)	
			Remote Close Pneumatic	Remote Open/Close Pneumatic	Remote Open/Close Rotary	LPG	NH3
A6010	Buna-N	1¼" FNPT	6016-60D	6016-60C	6016-RA	259	233
VA6010	Viton					711	640
A6016	Buna-N	2" FNPT				1325	1173
VA6016	Viton						
A6024	Buna-N	3" FNPT					
VA6024	Viton						

Latch Assembly for 6010, 6016 and 6024 is part #6016TFA. Available with Electric Actuator. Add EA prefix (ie, EA6010)

Flanged Swing-Check ESVs for Bulk Plants

Part no.	Seat	Inlet & Outlet Connections	Accessories			Liquid Flow @ 10 PSIG Pressure Drop (GPM)	
			Remote Close Pneumatic	Remote Open/Close Pneumatic	Remote Open/Close Rotary	LPG	NH3
FA6010	Buna-N	1¼" - 300# ANSI RF Flange	FA6016-60D	6016-60C	6016-RA	259	233
FVA6010	Viton					711	640
FA6016	Buna-N	2" - 300# ANSI RF Flange				1325	1173
FVA6016	Viton						
FA6024	Buna-N	3" - 300# ANSI RF Flange					
FVA6024	Viton						

Available with Electric Actuator. Add EFA prefix (ie, EFA6010)

Rotary Actuator Kit for ESVs

Designed for use on 6010/6016/6024 AA Series ESVs. Features: Easy Installation, Compact design. Factory preset for open/close operation. No field adjustment required. Operates on compressed air or nitrogen. Operating pressure range 25 -125 PSIG. Thermal fuse included



Part no.	For Use On
6016RA	6010/AA6010 6016/AA6016 6024/AA6024

Remote Cable Closure Kit for ESVs

Designed for manual remote shutdown of RegO 6010, AA6010, 6016, AA6016, 6024, AA6024 Emergency Shutoff Valves. Cable arrangement can easily be adapted for specific installation requirements.

Kit allows for remote shutoff up to 50 feet from Emergency Shutoff Valve.



Part no.	For Use On
6016RM	6010/AA6010 6016/AA6016 6024/AA6024

6016RM Kit includes:
Cable (50'), Cable Clamps (2), Sign, Installation Instructions

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

A55

Rev 8/20

ESV Pneumatic Controls

Part no.	Description
7781AFPN-1	Cylinder assembly kit to convert 7781AF ESVs to pneumatic shutdown.
7605APN-1	Cylinder assembly kit to convert 7605B ESVs to pneumatic shutdown.
6016PN-50	Pneumatic remote shutdown system kit, complete with 100' of tubing, fittings, emergency valve and charging valve.
6016PN-80	Pneumatic Bypass Kit. Includes Tubing, tubing tee, union w/orifice, installation diagram
6016-60C	Pneumatic Remote Release Kit for use with 6010, 6016 and 6024. Open and close.
6016-60D	Pneumatic Remote Release Kit for use with 6010, 6016 and 6024. Close only.
7605A-BT	100' roll of 1/4" pneumatic tubing
7605AP-16	1/4" tubing tee with nuts
7605AP-15	1/8" NPT x 1/4" tubing, straight connector
6016RM	Remote Close Cable Kit



6016-60C



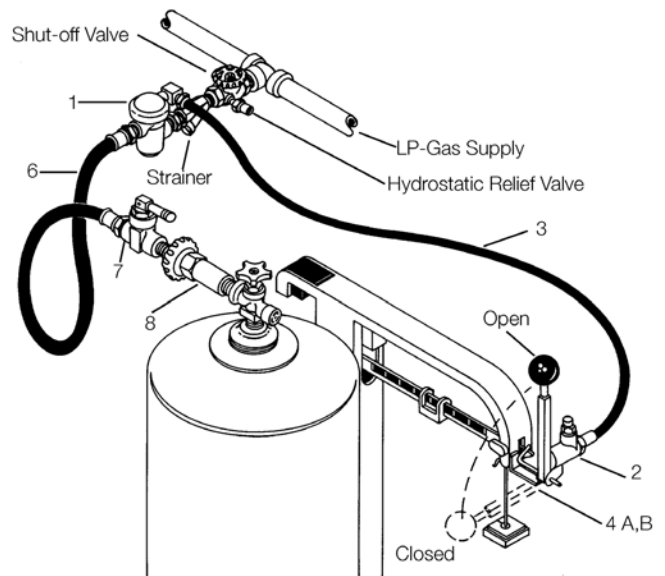
6016-60D

ESV Remote Cable Controls

Part no.	Description
7609-50	Transfer hose cable release kit. Attaches to ESV and hose for automatic closing as hose stretches.
7606RM	Remote manual cable release kit. Permits manual closing of one or more ESVs from remote location.
7606RT	Remote thermal cable release kit. Provides high temperature closing of ESV. Required if ESV is more than 5 feet from nearest end of hose.
7606RM-1	100' roll of extra cable.
A3219-34	Replacement fusible link for 7606RT.

Hydraulic Automatic Cylinder Filling System

Designed to provide accurate, economical filling of LP-Gas DOT and forklift cylinders by weight. Filling stops automatically as the total weight of the cylinder reaches the amount pre-set on the scale. One individual can efficiently handle up to four cylinder filling operations simultaneously, to maximize profits, increase efficiency and allow servicing of more customers.



Key No.	Description	Size	Part no.
Assembly for Fairbanks-Morse. Includes items 1-8 below.			7194MD
Assembly for Howe. Includes items 1-8 below.			7194HD
1	Propane control Valve	1/2" NPT Female, with 1/8" NPT Female hydraulic connection	7177
2	Master cylinder, with actuator lever	1/8" NPT hydraulic connection	7188
3	Hydraulic hose assembly	3/16" I.D. with 1/8" NPT Male ends, 43 1/2" overall length	7194-1
1-3	Valve, cylinder and hose assembly for Fairbanks-Morse scales	—	7188MS
1-3	Valve, cylinder and hose assembly for Howe scales	—	7188HS
4A	Bracket Kit for Fairbanks— Morse scales, complete with screws, washers, nuts and instructions	—	7194M-3A
4B	Bracket kit for Howe scales, complete with screws, washers, nuts and instructions	—	7194H-3
5	Can of hydraulic fluid, complete with filling spout	1 1/2 oz	7188-21
6	Propane filling hose assembly	1/2" I.D. with 1/2" NPT Male ends. 50 1/2" overall length	7193-4
7	Quick-acting shut-off valve	1/2" NPT inlet x 1/4" NPT outlet	7901TB
8*	Soft nose cylinder connector	1/4" NPT Male x POL Male	7193D-10L

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Low Emission Hose End Adapters for DOT Cylinder Filling

Low Emission Adapter (1.18 cc at disconnect) designed to provide quick and easy filling of DOT cylinders with minimal release of product on disconnect. This adapter may be used with dispensing systems in conjunction with RegO 7901T Series Quick Acting Shut-Off Valve. Balanced, light weight design for filling into 20 # - 200 # cylinders. Redundant Safety Feature - Will only open when connected to valve. Meets California Air Resources Board (CARB) Low Emission Standards. 7193D-10L

Part no.	Application	Inlet Connection	Outlet Connection	Materials
7193D-10L	Filling of DOT cylinders with POL Connections	1/4" MNPT	M. POL (CGA 510)	Brass & Stainless Steel
7193U-10L	Filling of DOT cylinders with Type 1 Connections	1/4" MNPT	Type 1 Connection (15/16) F. ACME	Brass



Hose End Adapters for DOT Cylinder Filling

Designed to provide quick and easy filling of DOT cylinders with POL or Type 1 connections. This adapter may be used with hydraulic and electric automatic systems or with manual systems in conjunction with a RegO® 7901TB Quick Acting Shut-Off Valve. These filling connectors have an extended connection on the handwheel, which makes it possible to connect the loading hose to valves on cylinders with fixed collars. The handwheel is well outside the collar for easy operation.

Part no.	Application	Inlet Connection	Outlet Connection	Materials
7193D-10	Filling of DOT Cylinders with POL Connections	1/4" M. NPT	M. POL (CGA 510)	Brass and Stainless Steel
7193U-10	Filling of DOT Cylinders with Type 1 Connections		Type 1 Connection (1 5/16" M. ACME)	Brass



Connector for DOT Cylinder Filling Adapter

The 7193T-10 is designed for use on the 7193D-10 Filling Adapters. Connector allows adapter to be used on the 1 5/16 M. ACME & F. POL connections of Type 1 valves.

Part no.	Application	Inlet Connection	Outlet Connection	Materials
7193T-10	Converts 7193D-10 Adapter from POL to Type 1 Connection	F. POL (CGA 510)	Type 1 Connection (1 5/16" M. ACME)	Brass



Hose End Adapter for Lift Truck Cylinder Filling

The 7193L-10A is designed to provide quick and easy attachment of the filling hose to DOT cylinders equipped with RegO® 7141M check connectors.

Part no.	Application	Inlet Connection	Outlet Connection	Materials	Accessories Adapter
7193L-10A	Filling of Fork Lift Cylinders*	1/4" M. NPT	1 1/4" F. ACME	Brass	5760A



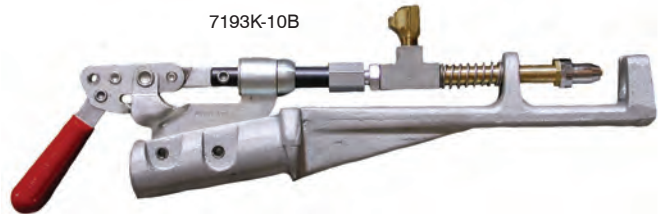
* The 7193L-10A is intended to be permanently attached to the filling hose. A 5760A adapter enables the 7193L-10A to be attached to the POL connection on the 7193D-10 at regular cylinder filling stations to allow for occasional filling of forklift cylinders.

Lever Operated Hose End Adapter for Forklift Cylinder Filling

Designed to drastically reduce labor and time when continuously filling large numbers of lift truck cylinders equipped with RegO® 7141M check connectors.

Part no.	Application	Inlet Connection	Outlet Connection	Materials
7193K-10B	Lever Operated for Quick Filling of Fork Lift Cylinders	1/4" F. NPT	Quick Disconnect Yoke*	Brass and Steel

* For use with RegO® 7141M check connector.



Vent Valves

Especially designed to bleed off liquid or vapor pressures trapped in transfer lines. When installed in the downstream boss of RegO® globe and angle valves used at the end of a liquid transfer hose, the bleeder valve allows for the controlled venting of the product and indicates to the operator that the valves are closed and the coupling can be disconnected. They may also be used as a fixed liquid level gauge where the dip tube is part of the container.

Part no.	Service	Connection	Actuation	Accessories Warning Plate Kit
3165C	LP-Gas Only #54 Drill Orifice	1/4" M. NPT	Knurled	2550-40P
3165SC			Slotted	
TSS3169	LP-Gas & NH ₃ #54 Drill Orifice		Tee Handle	
3165D	LP-Gas Only 3165D Series includes #72 Drill Orifice		Knurled	
3165DF05.6*				
3165DF12.0*				
3165DP		Plate Attached		

*3165DF05.6 includes 5.6 dip tube. 3165DF12.0 includes 12.0 dip tube.

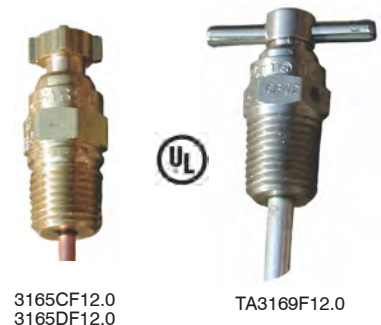


Fixed Liquid Level Gauges

Especially designed to provide a visible warning when containers are filled to the maximum permitted filling level. At the start of the filling operation, with the vent stem opened, the valve discharges vapor. When the maximum permitted filling level is reached, the valve discharges liquid. These valves are normally furnished with a 12", 3/16" O.D. dip tube and incorporate a No. 54 drill size orifice. An optional instruction plate with "Stop Filling When Liquid Appears" may be ordered for use with these valves.

Part no.	Service	Connection	Actuation	Dip Tube Length	Accessories Warning Plate Kit
3165CF	LP-Gas Only	1/4" M. NPT	Ribbed	*	2550-40P
3165DF					
3165CF12.0					
3165DF12.0					
3165SFC12.0			Slotted		
TA3169F12.0	LP-Gas & NH ₃	Tee Handle			

* Dip tube must be ordered separately. Add suffix. Example: 3165CF with 11" Dip Tube = 3165CF11.0.



Spanner Wrench for ACME Connectors

This aluminum spanner wrench is especially designed for use with 2 1/4" and 3 1/4" ACME couplings, adapters and caps.

Part no.	For Use with ACME Connector Size
3195-50	2 1/4" & 3 1/4"

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.



Combination Valve for Bulk Storage Containers

Designed for installation on bulk storage containers, this valve combines a pressure gauge mounting and provision for a fixed tube liquid level gauge. The shut-off valve prevents the pressure gauge from being subjected to constant pressure, thereby prolonging its life and accuracy. The valve may be closed, and the vent valve opened to vent pressure from the gauge to permit replacement. For fixed liquid level gauging, the valve can be mounted at the maximum permitted filling level. When equipped with a dip tube threaded 1/8" M.NPT, it can be installed at any convenient level.

Part no.	Container Connection	Service Connection	Liquid Level Vent
A2805C	3/4" M. NPT	1/4" F. NPT for Gauge Mounting	Knurled*

* Has 1/8" F. NPT opening for installing separate dip tube.

A2805C



Gritrol Fuel Line Filters

Designed especially for use in liquid Autogas lines to trap foreign material which otherwise may damage precision components in the LP-Gas carburetion system. These filters incorporate an integral sintered metal filter element in a straight through design.

Part no.	Inlet Connection	Outlet Connection
12802	1/4" F. NPT	1/4" M. NPT



12802

Pressure Gauges

Especially designed in a variety of sizes and construction for the LP-Gas and anhydrous ammonia industry. All RegO® pressure gauges have a 1/4" M. NPT connection unless otherwise noted.



5575

Part no.	Service	Case Material	Maximum Pressure	Case Size	Increment Divisions
2434A-2*	LP-Gas Only	Steel	35" w.c. and 20 oz. (Dual)	2 1/2"	1" w.c. and 1 oz.
2434-2**					
3226A-3		Brass	30 PSIG	2"	1/2 PSI
2411					
5575		Steel	60 PSIG	2"	1 PSI
5547					
5576		Brass	100 PSIG	2"	2 PSI
1286					
948		Brass	300 PSIG	2"	5 PSI
948B					
A8060	NH ₃ & LP-Gas	Steel	60 PSIG	2 1/2"	5 lb.
A8150			150 PSIG		
A8400			400 PSIG		

* 1/4" Hose Connection. ** 1/8" M. NPT Connection

Needle Valves

These valves are high quality, "true" throttling valves. Unlike most so-called needle valves, both the body seat and stem are tapered to provide fine, precise control over a wide range of adjustment without stem galling. The 1224 may be used as a small, inexpensive shut-off valve between a pressure gauge and bulk storage container to allow for convenient gauge replacement. The 1316 and 1318 provide taper pipe thread by left hand hose connection threads and are useful in a wide range of torch and fuel burner applications where an accurate throttling action is required.

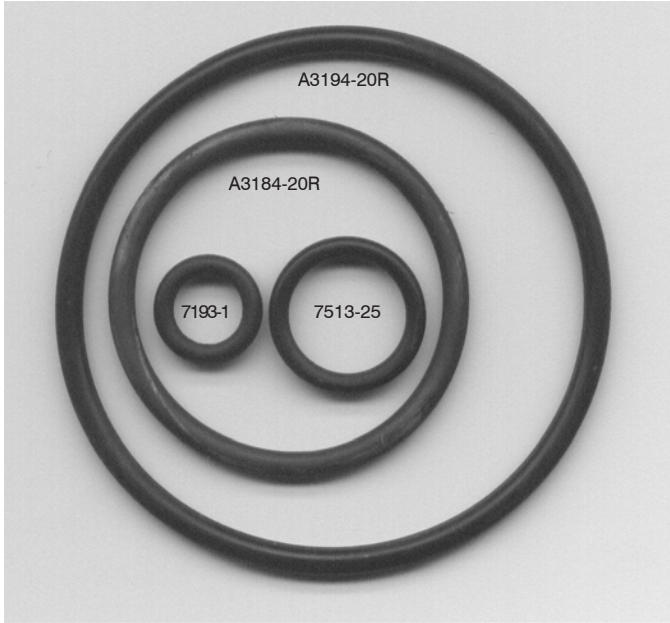
Part no.	Inlet Connection	Outlet Connection	Height	Length
1224WA	1/4" M. NPT	1/4" M. NPT	1 9/16"	1 3/4"
1316WA	9/16" - 18 L.H.	1/8" M. NPT		
1318WA		1/4" M. NPT		

1224WA



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Buna-N O-Rings and Gaskets (Actual Size)

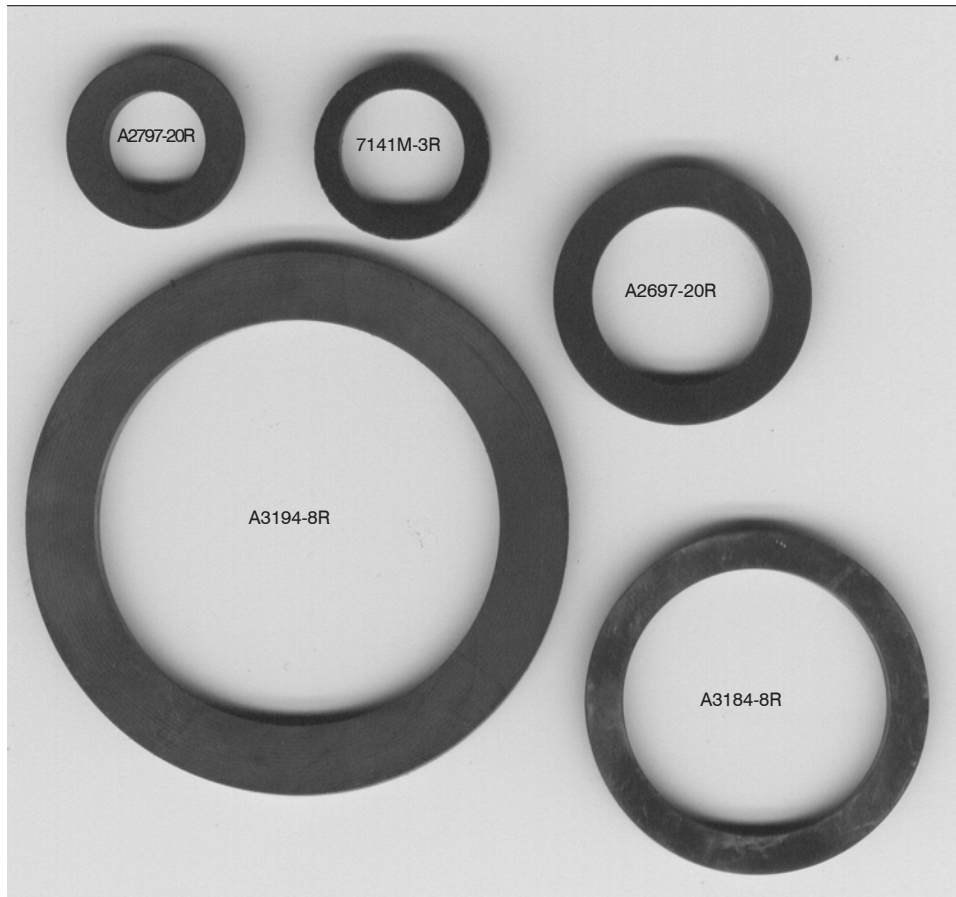


Buna-N O-Rings

Part no.	Use	Size	Qty. in Package
7193-1	POL Nipple	POL	1
7513-25	Internal Fork Lift	1¼" ACME	1
A3184-20R	Filter, Vapor Valve and Adapter Connections	2¼" ACME	10
A3194-20R		3¼" ACME	10

Gaskets

Part no.	Use	Size	Qty. in Package
7141M-3R	Fork Lift Connector	1¼" ACME	25
A2797-20R	Filter, Vapor Valve and Adapter Connections	1¼" ACME	25
A2697-20R		1¾" ACME	25
A3184-8R		2¼" ACME	10
A3194-8R		3¼" ACME	10



See page N9 for Junior and Senior Gauge gaskets.

Multivalves - Bonnet Assemblies

Part no.	Kit no.	Kit Contents
6532D Ser.	903-50	Bonnet: stem and seat disc assembly; large handwheel; self-tapping screw
6533D Ser.		
6542D Ser.	903-51	Bonnet: stem and seat disc assembly; small handwheel; self-tapping screw
6543D Ser.		
6532A Ser.	19100-50B	Bonnet: stem and o-ring assembly; handwheel; self-tapping screw
6533A Ser.		
6542A Ser.		
6543A Ser.		
6555D Ser.	19104-50	Complete MultiBonnet assembly-bonnet assembly; handwheel; nameplate; self-tapping screw
7556V Ser.		
8555D Ser.		
8555DL Ser.		
6532R Ser.		
6533R Ser.		
6542R Ser.		
6543R Ser.		
6555R Ser.		
7556R Ser.		
G8475R Ser.		
8593AL16.0		
9101R Ser.		

Charging Manifolds

Part no.	Kit no.	Kit Contents
7177 Control Valve	7177-50	Diaphragm; gasket; o-ring; seat disc; washer
7188 Master Cylinder	7188-50	Hydraulic fluid; o-rings; piston; spring; trip latch

DuoPort and Multiport Relief Valve Manifolds

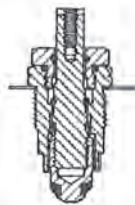
Part no.	Kit no.	Kit Contents
8542G	8540-50	Bleeder valve assemblies; packing gland; set screw; washer; gasket; key
AA8542 Ser.		
A/AA8560 Ser.	8560-50	Bleeder valve assemblies; seat ring assemblies; pressure seal rings; packing gland; jam ring; washer; gasket
A/AA8570 Ser.		



903-50



19100-50B



19104-50

Check Connectors

Part no.	Kit no.	Kit Contents
7141M	7141M-50	Check assembly; gasket; o-ring; retaining ring

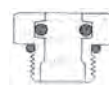
Cylinder and Service Valves

Part no.	Kit no.	Kit Contents
901 Ser. 903 Ser. 9106CO	903-50	Bonnet; stem and disc assembly; large handwheel; self-tapping screw
	903-51	Bonnet; stem and disc assembly; small handwheel; self-tapping screw
9101 Ser.	19100-50B	Bonnet; stem and seat disc assembly; small handwheel; self-tapping screw
9107K8A	19104-50	Complete MultiBonnet assembly-bonnet assembly; handwheel; nameplate; self-tapping screw
3100 Series (Obsolete) 7100 Series (Obsolete)	3100-81K Conversion Kit	Bonnet and stem assembly; gasket (Conversion Assembly)
	3100-80A	Diaphragm; bonnet and stem assembly
	3100-80B	Diaphragm assembly; back seat; washer
9101P5, P5H	19100-50B	Bonnet; stem and seat disc assembly; large handwheel; self-tapping screw
	19101-50	Bonnet; stem and seat disc assembly; small handwheel; self-tapping screw

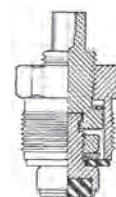
Filler Valves

Part no.	Kit no.	Kit Contents
7547 Ser. (Obsolete)	7547B-80	Gaskets; spring; seat disc and retainer assembly
L7579	L7579-50 with upper body	Gaskets; seat disc and retainer assembly; spring; upper body
	L7579-80 w/out upper body	Gaskets; seat disc and retainer assembly; spring
7647 Ser.	7647B-80A	Gaskets; spring; seat disc and retainer assembly

Note: L7579 is Low Emission. For the old style 7579, use repair kits 7579-50 and 7579-80.



19104-80



3100-80A



3100-80B

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Rev 8/20

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e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Filling Connectors

Part no.	Kit no.	Kit Contents
7193K-10B	7193K-50	7193K-51 assembly; adjusting screw; nut; spring; tee
	7193K-51	Check body and disc assembly; gasket nipple; tailpiece nipple; slip washer

Multivalves - Vapor Equalizing

Part no.	Kit no.	Kit Contents
7556V Ser. G8475 Ser. 8593AR16.0	8475-51A	Body; gaskets; spring; stem and seat disc assembly
	8475-81A	Gaskets; spring; stem and seat disc assembly

Multi-Purpose and Transfer Valves

Part no.	Kit no.	Kit Contents
A8016D Ser. A8017D Ser. A8018D Ser.	A8016B-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
A8017DH A8018DH	A8017BH-20R	Bonnet stem and seat disc assembly; gasket

Multivalves - Filler Valves

Part no.	Kit no.	Kit Contents
6532 Ser. 6533 Ser. 6542 Ser. 6543 Ser. 85855 Ser. (mfd; Oct 1990 or before) 8555DL Ser.	6542B-50 with upper body	Gaskets; spring; spring guide; stem and seat disc assembly; upper body
	6542B-80 w/out upper body	Gaskets; spring; spring guide; stem and seat disc assembly
6555 Ser. 8555 Ser. (mfd. after Oct 1990)	8555-50 with upper body	Gaskets; spring; spring guide; stem and seat disc assembly; upper body
G8475 Ser. 8596AR16.0	8475-50L with upper body	Gaskets; seat disc and retainer assembly; spring; upper body
	8475-80 w/out upper body	Gaskets; seat disc and retainer assembly; spring

Transfer Valves

Part no.	Kit no.	Kit Contents
7550P 7550PX 7555P	7550-15	Bonnet; retainer assembly; cap; flange packing; bushing
A7550P A7550PX A7555P	A7550-15	Bonnet; stem; seat disc retainer assembly; flange packing; bushing; cap

Repair kits are available for many RegO obsoleted products. Call TEECO with your specific application.

Pull-Away Couplings

Part no.	Kit no.	Kit Contents
A2141A6 A2141A6L	A2141A6-50	O-ring
	A2141A6M	Male Coupling
A2141A8 A2141A8L	A2141A8-50	O-ring
	A2141A8M	Male Coupling
A2141A10	A2141A10-50	O-ring
A2141A16	A2141A16-50	O-ring

Manual Internal Valves

Part no.	Kit no.	Kit Contents
A3209A	A3209A-50	Bearing; cam; gasket; main seat disc assembly; retaining ring; seal o-ring; seat disc
A3209R050 A3209R080	A3209R-50	
A3210A065	A3210A-50	Bushing; gasket; jam ring; main seat disc assembly; upper and lower retaining rings; o-ring; seal rings (2); seat disc
A3212A Ser.	A3212A-50	Bearing; cam; gasket; o-rings; seat disc; stem packing
A3212R Ser. A3212RT Ser.	A3212R-50	
A32113A Ser. A3213T Ser.	A3213A-50	
A3217F Ser.	A3217F-50	Dust seal; jam ring; stem o-ring; stem seals (3); stem spring; stem washer
	A3217F-80	Cotter pin; dust seal; inner and outer stem bearing; jam ring; main and pilot seat disc; poppet seal o-ring; retaining ring; roll pins (2); seat o-ring; stem o-ring; stem seals (3); upper and lower flange seal o-ring; wear button
	A3217F-80G	Dust seal; inner stem bearing; jam ring; lower flange seal gasket; main seat disc; outer stem bearing; pilot seat disc; poppet seal o-ring; retaining ring; roll pin (2); seat o-ring; stem o-ring; stem seals (3); upper flange seal gasket; wear button
A3219F Ser.	A3219F-80	Bumper; cotter pins (3); dirt seal; inner and outer stem bearing; lever release spring; main seat disc; poppet seat disc; pivot pin locknut; poppet bearing; seal gland gasket; seat seal o-ring; stem jam ring; stem o-ring; stem seal rings (3); stop screw; upper and lower flange seal o-ring
A3219FA	A3219FA-80G	Bumper; cotter pins (3); dirt seal; inner and outer stem bearing; lever release spring; main seat disc; poppet seat disc; pivot pin locknut; poppet bearing; seal gland gasket; seat seal o-ring; stem jam ring; stem seal rings (3); stop screw; upper and lower flange seal o-ring

Multiport Spare Flange Gaskets

Part no.	Description
7564-48	Flange gasket for use in 8560 Series 3" MultiPorts
7565-48	Flange gasket for use in 8570 Series 4" MultiPorts

Globe Valves

Part no.	Kit no.	Kit Contents
TA7034LP TA7034P	TA7034-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
A7505AP A7506AP	A7505-50	
	7505A-20	Complete bonnet assembly
TA7507AP TA7508AP	A7507-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
	A7507A-20	Complete bonnet assembly
A7509BP A7510BP	A7509-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
	7509B-20	Complete bonnet assembly
TA7509BP TA7510BP	TA7509B-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
A7511AP A7511FP A7512AP A7512FP	A7511-50	
	7511A-20	Complete bonnet assembly
TA7511AP TA7511FP TA7512AP TA7512FP	TA7511A-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
A7513AP A7513FP A7514AP A7514FP	A7513-50	
A7513AP A7514AP	7513A-20	Complete bonnet assembly
A7513FP A7514FP	A7513F-20	
TA7513AP TA7513FP TA7514AP TA7514FP	TA7513A-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer
A7517AP A7517FP A7518AP A7518FP	A7515-50	Gaskets; jam ring; o-ring; pressure seal rings; roll pin; seat disc; washers
	A7515-20	Complete bonnet assembly
TA7517AP TA7517FP TA7518AP TA7518FP	TA7515A-50	Gaskets; jam ring; o-ring; pressure seal rings; roll pin; seat disc; washers
A7704 A7705 A7706	A7705-50	Flange packing; friction washer; gaskets; seat disc
TA7894P	TA7894-50	Gaskets; jam ring; o-ring; pressure seal rings; seat disc; washer

Vapor Return Valves

Part no.	Kit no.	Kit Contents
7573A	7573A-81	Gaskets; spring; seat disc and retainer assembly
7573D	7573D-81	Gaskets; spring; seat disc and retainer assembly

Quick Acting Hose End Valves

Part no.	Kit no.	Kit Contents
A7707 Ser. A7708 Ser.	A7707-50	Gaskets; groove pin; jam ring
	A7707-75	Bonnet assembly; packing; seat disc and retainer; stem; washers

Quick Acting Valves

Part no.	Kit no.	Kit Contents
7554L Ser.	7554L-20A	Bonnet Assembly
7554S Ser.	7554S-20	
7901 Ser.	7901T-50	Bonnet Assembly w/double o-ring seal; gasket; lever
A7553A	A7553A-50	Gaskets; o-ring; roll pin; seat disc; spring; stem assembly
A7797A	A7797-50	Gaskets; groove pin; jam ring; o-ring; pressure seal rings; seat disc; washers

Spring Kits for Manual Internal Valves

Part no.	Kit no.	Kit Contents
A3212A Ser. A3212R Ser. A3212RT Ser.	A3212R-K105	O-ring; ID plate; spring
	A3212R-K175	
	A3212R-K250	
A3213A Ser. A3213T Ser.	A3213A-K150	
	A3213A-K200	
	A3213A-K300	
	A3213A-K400	

Flomatic Valves

Part no.	Kit no.	Kit Contents
A7884 A7883F A7884F	A7883F-50	Stem assembly kit; bleeder assembly; cylinder cap screws; upper and lower piston cap screws; lock washers; filters; springs; block vee packing; x-seal; gaskets; o-rings; retaining ring; insert roll pin; screw seal; cap
A7883F	A7883F-80	Retaining ring; seat disc; insert; block vee packing; filters; x-seals; cylinder cap screws; o-rings; gaskets
A7883F A7884F	A7883F-150 A7884F-150	X-seal; seat disc; gaskets

Part no.	Description
404PE	Pipe Away Kit
903-50	Repair Assembly
903-51	Repair Assembly
1475-80	Repair Kit
A2141A10-50	Repair Kit
A2141A16-50	Repair Kit
A2141A6-50	Repair Kit
A2141A6M	Repair Kit
A2141A8-50	Repair Kit
A2141A8M	Repair Kit
2550-40P	Nameplate-Warning
A2697-20R	Gaskets (25)
A2797-20R	Gaskets (25)
3100-80A	Repair Kit
3100-80B	Repair Kit
3100-81K	Stem Assembly Kit
A3184-20R	O-rings (10)
A3184-8R	Gaskets (10)
A3194-20R	O-rings (10)
A3194-8R	Gaskets (10)
A3209A-50	Repair Kit
A3209R-50	Repair Kit
A3210A-50	Repair Kit
A3212A-50	Repair Kit
A3212A-80	Repair Kit
A3212R-K105	Spring Kit
A3212R-K175	Spring Kit
A3212R-K250	Spring Kit
A3212A-50	Repair Kit
A3213A-K150	Spring Kit
A3213A-K200	Spring Kit
A3213A-K300	Spring Kit
A3213A-K400	Spring Kit
A3213A-50	Repair Kit
A3213A-80	Repair Kit
A3217F-80	Repair Kit
A3217F-80G	Repair Kit
A3219F-80	Repair Kit
6016PN-3	Pressure Gauge
6016PN-50	Remote Pneumatic Control Kit
6016PN-80	Pneumatic Bypass Kit
6542B-50	Repair Assembly
6542B-80	Repair Assembly
7141M-3R	Gaskets (25)
7141M-50	Repair Kit
7177-50	Repair Kit
7188-50	Repair Kit
7193K-50	Repair Kit
7193K-51	Repair Assembly
7505A-20	Bonnet Assembly
A7505-50	Repair Kit
7505A-4	Seat Disc
A7507-50	Repair Kit
7505A-4	Seat Disc
7509A-5	Seat Disc Retainer Assembly
7509B-20	Bonnet Assembly

Part no.	Description
A7509-50	Repair Kit
A7509A-50	Repair Kit
TA7509B-50	Repair Kit
7511A-20	Bonnet Assembly
A7511-50	Repair Kit
TA7511A-50	Repair Kit
7513A-20	Bonnet Assembly
A7513-50	Repair Kit
A7513F-5TX	Seat Disc Retainer Assembly
TA7513A-50	Repair Kit
A7515-4	Seat Disc
A7515-5	Seat Disc Retainer Assembly
A7515-20	Bonnet Assembly
A7515-50	Repair Kit
TA7515A-50	Repair Kit
7547B-80	Repair Kit
A7550-5	Seat Disc Retainer Assembly
7553T-50	Bonnet Assembly
7553T-80	Repair Kit
A7553A-50	Repair Kit
7554-20	Bonnet Assembly
7554A-20	Bonnet Assembly
7554S-20	Bonnet Assembly
L7579-50	Repair Kit
L7579-80	Repair Kit
7609-50	Transfer Cable Kit
A7705-50	Repair Kit
A7707-50	Repair Kit
A7797-10M	Handle Assembly
A7797-50	Repair Kit
A7797-75	Stem, Bonnet and Lever Asm Kit
A7797A-4	Stem and Bonnet
A7853A-50	Repair Kit
A7883F-150	Kit
A7883F-45	Stem Assembly Kit
A7883F-50	Kit
A7883F-80	Flomatic Valve Kit
A7884-60	Pump Prime Valve Assembly
A7884F-150	Repair Kit
TA7894-50	Repair Kit
7901T-50	Bonnet Assembly
A8016B-50	Repair Kit
A8017BH-20R	Repair Kit
8100-50	Repair Kit
8475-50L	Repair Kit
8475-51A	Valve Repair Kit
8475-80	Repair Kit
8475-81A	Repair Kit
8540-50	Repair Kit - Duoport
8555-50	Repair Kit
8560-16TK	Seat Ring Assembly
8560-50	Multipor Repair Kit
19100-50B	Repair Assembly
19101-50	Repair Kit
19104-50	Repair Assembly
19104-80	Repair Assembly

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Coro-Flo Pumps - C Series - Close Coupled

Compact cylinder filling pumps for 20-100 lb. applications. The C-Model pump is extremely quiet and free of vibration and pulsation. Provides trouble free service and long life in LPG service. The one moving part, the impeller, floats on the shaft without contacting adjacent surfaces, thus extending pump life. All Coro-Flo® pumps are U.L. Listed for LP-Gas and NH3 service. 3/4" or 1" B166 bypass sold separately.

See Parts Breakdown on Page B5 for Switches, Heaters and additional info



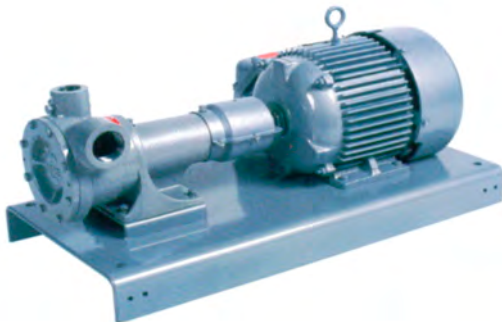
Part no.	Description*	Inlet	Outlet	Voltage	HP	Replacement Motor
C10FD6A **	7 GPM, pump and motor only	1 1/4" NPT	1" NPT	115/208-230 1Ø	2 HP	4261
C12FD6A **	15 GPM, pump and motor only	1 1/2" NPT	1" NPT	115/208-230 1Ø	2 HP	4261
C13FD6A	20 GPM, pump and motor only	1 1/2" NPT	1" NPT	115/208-230 1Ø	2 HP	4261
C14GD6A	32 GPM, pump and motor only	1 1/2" NPT	1" NPT	230/460 3Ø	3 HP	2557
C16GD6A	36 GPM, pump and motor only	1 1/4" NPT	1" NPT	115/208-230 1Ø	3 HP	4885
C16MF6A	36 GPM, pump and motor only	1 1/4" NPT	1" NPT	230/460 3Ø	3 HP	2557

* Flow rates will vary depending on operating conditions, electrical service & differential pressure. Inquire about special pricing for bypass and pump packages.
** Optional 1HP single phase, 50/60 Hz available for C10 and C12 pumps. (2 HP is standard)

For complete instructions, installation, operation, maintenance and parts manuals, see www.corken.com

Coro-Flo Pumps - F Series - V-Belt/Direct Drive

For low capacity, high-head pumping. The F-Model pump is a base plate mounted version. Coro-Flo® pumps are design to operate at shaft speeds between 2880-3600 rpm. The F-Model provides the flexibility of motor selection. **Order motor separately.**



For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com

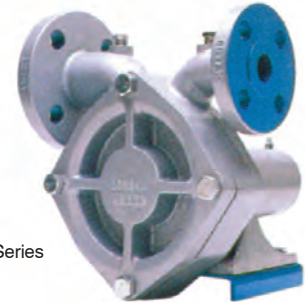
Part no.	Description*	Inlet	Outlet
F10	9 GPM, bare pump only	1/4" NPT	1" NPT
F10-101	9 GPM, Pump w/frame for direct drive	1/4" NPT	1" NPT
F10-103	9 GPM, pump w/frame for V-belt drive	1/4" NPT	1" NPT
F12	15 GPM, bare pump only	1/2" NPT	1" NPT
F12-101	15 GPM, Pump w/frame for direct drive	1/2" NPT	1" NPT
F12-103	15 GPM, pump w/frame for V-belt drive	1/2" NPT	1" NPT
F13	20 GPM, bare pump only	1/2" NPT	1" NPT
F13-101	20 GPM, Pump w/frame for direct drive	1/2" NPT	1" NPT
F13-103	20 GPM, pump w/frame for V-belt drive	1/2" NPT	1" NPT
F14	32 GPM, bare pump only	1/2" NPT	1" NPT
F14-101	32 GPM, Pump w/frame for direct drive	1/2" NPT	1" NPT
F14-103	32 GPM, pump w/frame for V-belt drive	1/2" NPT	1" NPT
F16	18 GPM, bare pump only	1/4" NPT	1" NPT
F16-101	18 GPM, Pump w/frame for direct drive	1/4" NPT	1" NPT
F17	20 GPM, bare pump only	1/4" NPT	1" NPT
F17-101	20 GPM, Pump w/frame for direct drive	1/4" NPT	1" NPT
F18	30 GPM, bare pump only	1/2" NPT	1" NPT
F18-101	30 GPM, Pump w/frame for direct drive	1/2" NPT	1" NPT
F19	38 GPM, bare pump only	1/2" NPT	1" NPT
F19-101	38 GPM, Pump w/frame for direct drive	1/2" NPT	1" NPT

*Max flow rates shown. Flow rates will vary depending on operating conditions, electrical service & differential pressure

B2 Coro-Flo Pumps - 075 and 150 Series - Autogas Pumps

Designed for high-pressure propane motor fueling. Three mounting options available: Direct drive with coupling, belt drive and direct-mounted with C-face motor. 3,450 RPM @ 60 Hz. Maximum working pressure 400 PSIG. **Order motor separately.**

Part no.	Description	Inlet	Outlet	Flow Range	Max Differential Pressure
FF075	Pump Only	1½" ANSI 300#	1" ANSI 300#	10 -40 GPM	200 PSIG
FF150				12-58 GPM	250 PSIG



FF Series

Flange Kit

Part no.	Description
6133-X1	Companion Flange Kit for FF/DLF, 060, 075 Includes Items Below
1705-3086	1 1/2" 300# Flange
2500-0189	1 1/2" 300# Gasket

High Differential Pressure Pump Packages

HDP Series Autogas Pumps come bundled in two different ways; with or without a Variable Frequency Drive (VFD). A VFD converts single phase to three phase power to offer more horsepower and higher differentials, at a lower cost: The original purchase price is lower and the amp draw is significantly less than single phase (resulting in even more savings in the operating cost). It will also last much longer than a single phase motor.

Frame Mount Pump & Motor

Package #	Description	Flow Range (up to)
HDPFF075-1P75	Frame Mount Pump, 7.5 hp motor, mounting, bypass, and VFD drive	40 GPM
HDPFF075-3P75	Frame Mount Pump, 7.5 hp motor, mounting, and bypass	
HDPFF150-1P10	Frame Mount Pump, 10 hp motor, mounting, bypass, and VFD drive	58 GPM
HDPFF150-3P10	Frame Mount Pump, 10 hp motor, mounting, and bypass	



Direct Mount Pump & Motor



Autogas Pump Package, including Autogas Pump with Motor, Bypass Valve, and optional Variable Frequency Drive

Direct Mount Pump & Motor

Part no.	Description	Flow Range (up to)
HDPDLF060-1P51	Direct Mount Pump, 5 hp motor, mounting, bypass and VFD drive	22 GPM
HDPDLF060-3P53	Direct Mount Pump, 5 hp motor, mounting, and bypass	
HDPDLF075-1P75	Direct Mount Pump, 7.5 hp motor, mounting, bypass, and VFD drive	40 GPM
HDPDLF075-3P75	Direct Mount Pump, 7.5 hp motor, mounting, and bypass	
HDPDLF150-1P10	Direct Mount Pump, 10 hp motor, mounting, bypass, and VFD drive	58 GPM
HDPDLF150-3P10	Direct Mount Pump, 10 hp motor, mounting, and bypass	

Corken Autogas Pump Accessories

Part no.	Description	Qty
1705-3086	1 ½" 300# Inlet Companion Flange	1
1705-3060	1" 300# Outlet Companion Flange	1
6133-X1	Companion Flange Kit for FF/DLF, 060, 075	1
2500-0189	1 ½" 300# Gasket	1
2500-0182	1" 300# Gasket	1
2470-0171	5/8" x 3" Stud/Nut	4
2470-0283	5/8" x 3 ½" Stud/Nut	4

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Coro-Flo Pumps - DL Series - Direct Mount

Direct mounted frame for direct coupling. The DL Model pumps are designed to eliminate the need for a baseplate, coupling guard, and coupling alignment which makes the DL series pumps compact and easy to install. The special bracket supports both the pump and the motor so they can be directly coupled. **Order motor separately.**



For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com.

Part no.	Description*	Inlet	Outlet
DL10	9 GPM, large frame	1¼" NPT	1" NPT
DL12	15 GPM, large frame	1½" NPT	1" NPT
DL13	20 GPM, large frame	1½" NPT	1" NPT
DL14	32 GPM, large frame	1½" NPT	1" NPT
DL16	18 GPM, large frame	1¼" NPT	1" NPT
DL17	20 GPM, large frame	1¼" NPT	1" NPT
DL18	30 GPM, large frame	1½" NPT	1" NPT
DL19	38 GPM, large frame	1½" NPT	1" NPT

*Flow rates vary depending on operating conditions, electrical service & differential pressure

Coro-Vane Pumps - Truck & Transport - Z Series

The Z-Series Coro-Vane® truck pumps are specifically designed to perform in such severe operating conditions as high differential pressure, pump over speeding, poor suction conditions and heavy thrust loads associated with a power take-off (PTO) drive system. The Z-Series innovative cam design virtually eliminates cavitation. New materials utilized in cam and blades extend pump life. Large diameter non-metallic pins are suitable for higher pump speeds. Locked rotor is factory set with shim adjusted thrust bearings which are rated in excess of 4,000 lb. **See Parts Breakdown on Page B9**



For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com.

Part no.	Description
Z2000	Pump, 41 GPM @ 500 RPM - 85 GPM @ 800 RPM, 2" NPT inlet
Z3200	Pump, 63GPM @ 500 RPM -121 GPM @ 800 RPM, 3" 300# ANSI inlet
Z4200	Pump, 200 GPM @ 500 RPM - 400 GPM @ 800 RPM, 4" 300# ANSI inlet

Rebuild Kit for Z-Series Pumps

Full Rebuild Kit for All Z-Series Pumps

Each rebuild kit includes a rotor shaft assembly, two mechanical seals, three blade drivers, six blades, two sideplates, cam, cam key, shims, O-rings, two grease seals, two roller bearings, two thrust bearings, and two thrust bearing mounting rings.



Part no.	Description
3194-X36	Full rebuild kit for Z2000 Pumps
3196-X36	Full rebuild kit for Z3200 Pumps
3196-X46	Full rebuild kit for Z3500 Pumps
3198-X36	Full rebuild kit for Z4200 & Z4500 Pumps

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

B4 Coro-Vane 521 and 1021 Stationary Pumps

Corken Coro-Vane® pumps are positive displacement pumps. They produce a maximum differential pressure of 125 psig (8.6 bar g). Corken manufactures four sizes of Coro-Vane pumps, ranging from 1 gpm to 350 gpm (0.2–79.5 m³/hr). Corken offers these pumps with v-belt or direct-drive mounting options.

Typical applications for the Coro-Vane® pump include cylinder filling, loading and unloading of bulk trucks and transport trailers.

Pump housing and rotors are constructed of ductile iron for extra strength and long life. Sliding vanes are self-adjusting, allowing for longer life and higher efficiencies throughout the life of the pump. Pump design includes removable pump casing cams (liners) which when worn can be replaced in minutes. The seal and bearings can be replaced by simply removing four bolts. Some models are equipped with an internal relief valve.

Corken offers the option of belt drive or gear drive with reducer. The Coro-Vane® stationary pumps are designed to run up to 950 RPM. The C51 bottle filling Coro-Vane pumps are designed to run at 1800 RPM.



See Parts Breakdown on Page B8

Part no.	Description	Inlet	Outlet
521-103 W/10HP	90 GPM, pump w/ 10hp, 60hz, 3-phase explosion proof motor	2½" NPT	2" NPT
521-103	90 GPM, pump w/base for V-belt drive	2½" NPT	2" NPT
521	90 GPM, bare pump only	2½" NPT	2" NPT
1021-103	200 GPM, pump, w/base for V-belt drive	3" NPT	3" NPT
1021	200 GPM, bare pump only	3" NPT	3" NPT

Coro-Vane Z2000, Z3500 and Z4500 Stationary Pumps

The Z3500 is a three-inch pump designed for stationary and foot mounted truck applications. The Z3500 stationary pump has the same locked rotor design used in the Corken Z-Series truck pumps to ensure long pump life and excellent performance. With higher flow rates than other three-inch pumps, the Z3500 retrofits Corken's and other competitive pumps with little or no change in piping.

The Z4500 is a four-inch stationary pump designed for transport loading and multiple bobtail loading applications. If you have two or more bulkheads to load bobtails and transports and would like to shorten your fill times, then the Z4500 is the stationary pump for you. The Z4500 can fill two 3,000 gallon bobtails in 20 minutes or less at typical operating RPMs.

Part no.	Description
Z2000	Pump, 41 GPM @ 500 RPM - 85 GPM @ 800 RPM, 2" NPT inlet
Z3500	3-Inch Stationary pump, rated up to 800 RPM
Z3500-103 W/10 HP	Pump with 10 HP, 60hz 3 phase explosion-proof motor
Z4500	4-Inch Stationary pump, 197 GPM @ 420 RPM - 382 GPM @ 780 RPM, 4" 300# ANSI inlet
Z4500-103 W 20 HP MOTOR	Pump with 20 HP, 3 phase explosion-proof motor

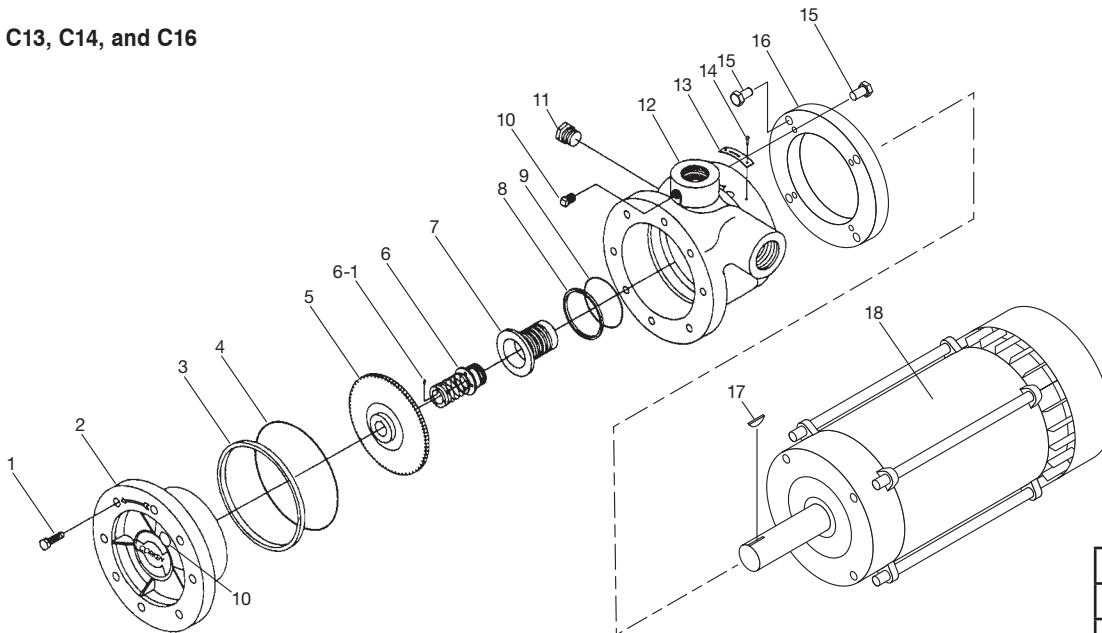


Z4500

Coro-Flo Pumps - Parts Detail for C Model (Close-Coupled) Pumps

B5

C10, C12, C13, C14, and C16



O-ring Code	
A	Buna-N
B	Neoprene ^{®1}
C	Teflon ^{®1}



CAUTION: Always relieve pressure in the unit before attempting any repairs.

CALL FOR PARTS PRICING

Ref No.	Part No.	Description	Qty.
1.	7001-031NC100A	Hex head cap screw	8
2.	1001-0	Cover—model 10	1
	1001-2	Cover—model 12	1
	1001-3	Cover—model 13	1
	1001-4	Cover—model 14	1
	1001-6	Cover—model 16	1
3.	1014 ^a	Case clearance shim (.002" red)	As req.
	1014-1 ^a	Case clearance shim (.003" green)	As req.
4.	2-246A ^a	Case O-ring (Buna-N)	1
5.	1003-0 ^b	Impeller, bronze—model 10	1
	1003-2 ^b	Impeller, bronze—model 12	1
	1003-3 ^b	Impeller, bronze—model 13	1
	1003-4 ^b	Impeller, bronze—model 14	1
	1003-6 ^b	Impeller, bronze—model 16	1
6.	113-CXA6	Seal assembly (Buna-N O-rings)	1
6-1.	1009 ^a	Seal pin	1
7.	1004-1 ^c	Seal housing without pin (steel)	1
	1004-1X ^d	Seal housing with pin (steel)	1
8.	1013	Housing adjustment shim (.010")	As req.
	1013-1	Housing adjustment shim (.020")	As req.
9.	2-224A ^a	Housing O-ring (Buna-N)	1
10.	3442	Pipe plug, 1/4" NPT	2

Ref No.	Part No.	Description	Qty.
11.	3444	Pipe plug, 3/4" NPT	1
12.	1002-0	Case—model 10	1
	1002-2	Case—model 12	1
	1002-3	Case—model 13	1
	1002-4	Case—model 14	1
	1002-6	Case—model 16	1
13.	1914-1	Nameplate	1
14.	7012-006SF019E	Phillips head screw 6-32 x 1/4"	2
15.	7002-037NC087A	Socket head cap screw	8
16.	1015	Adapter ring	1
17.	2497 ^a	Woodruff key (steel)	1
	2497-1 ^a	Woodruff key (stainless steel)	1
18.	2557	Motor 3 hp—model 14 and 16 (three phase)	1
	4261	Motor 2 hp—models 10, 12, and 13	1
	4261-1	Motor 1 hp—models 10 and 12	1
	4885	Motor 3 hp—models 14 and 16 (single phase)	1

^a Included with seal assembly/repair kit 113-CXA6.

^b For a ductile iron impeller, add a 1 to the end of the part number (example: model 10 with ductile iron is 1003-01).

^c Pin is not required for Buna-N, Neoprene[®], and Viton[®] O-rings.

^d Pin is required for PTFE and Kalrez[®] O-rings.

Overload Thermal Protectors for Coro-Flo C-Model Motors

Part no.	For Pump	Motor	HP	Voltage
2610	C10	2556	1	115/230 1Ø
2610	C12	2556	1	115/230 1Ø
4250	C13	4261	2	115/230 1Ø

Additional Parts

Part no.	Description
2275	Switch 3/4, 1, 2HP
2277-X1	Starter, Manual Motor Mounted
2277-X2	Starter, Manual Wall Mounted
2277-X3	Starter, Manual Motor Mounted 2HP
2277-X4	Starter, toggle NEMA Type 7

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B5

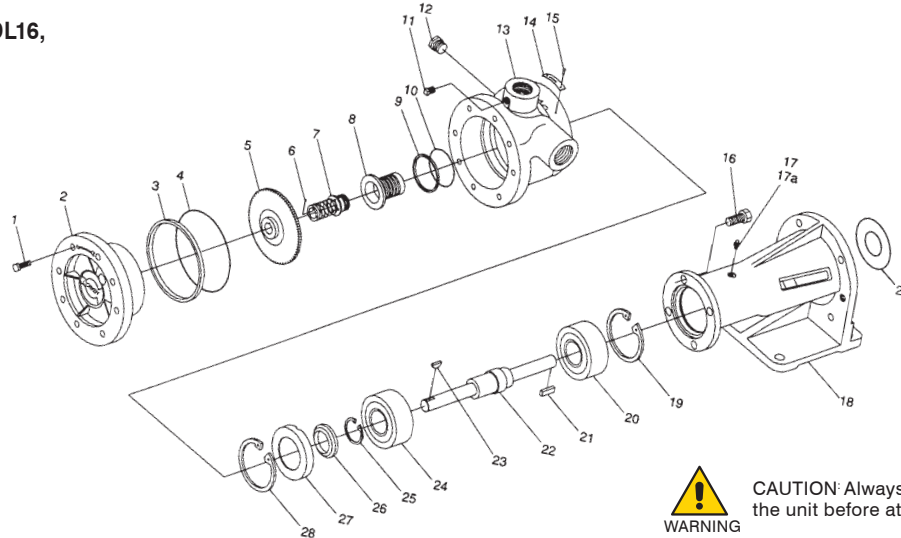
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B6 Coro-Flo Pumps - Parts Detail for DL Model (Direct-Mount) Pumps

DL10, DL12, DL13, DL14, DL16,
DL17, DL18, and DL19



CAUTION: Always relieve pressure in the unit before attempting any repairs.

Ref No.	Part No.	Description	Qty.
1.	7001-031NC100A	Hex Head Cap Screw	8
2.	1001-0	Cover—model 10	1
	1001-2	Cover—model 12	1
	1001-3	Cover—model 13	1
	1001-4	Cover—model 14	1
	1001-6	Cover—model 16	1
	1001-7	Cover—model 17	1
	1001-8	Cover—model 18	1
	1001-9	Cover—model 19	1
	3.	1014 ^c	Case clearance shim (0.002—red)
1014-1 ^c		Case clearance shim (0.003—green)	As req.
4.	2-246 ^{a,c}	Case O-ring (non-PTFE)	1
	2-247E ^c	Case O-ring PTFE	1
5.	1003-0 ^d	Impeller (bronze standard)—model 10	1
	1003-2 ^d	Impeller (bronze standard)—model 12	1
	1003-3 ^d	Impeller (bronze standard)—model 13	1
	1003-4 ^d	Impeller (bronze standard)—model 14	1
	1003-61	Impeller (ductile iron)—model 16 and 17	1
	1003-81	Impeller (ductile iron)—model 18	1
6.	1009 ^c	Seal pin	1
	113-CX_6 ^a	Seal assembly (aluminum sleeve)	1
7.	113-CX_6A ^a	Seal assembly (stainless steel sleeve)	1
	1004-1 ^e	Seal housing without pin (steel)	1
8.	1004-11 ^e	Seal housing without pin (stainless steel)	1
	1004-1X ^f	Seal housing with pin (steel, applies to Kalrez ^{®b} O-rings)	1
	1004-11X ^f	Seal housing with pin (stainless steel, applies to Kalrez ^{®b} O-rings)	1
	1004-2X ^f	Seal housing with pin (steel, applies to PTFE O-rings)	1
	1004-21X ^f	Seal housing with pin (stainless steel, applies to PTFE O-rings)	1
9.	1013	Housing adjustment shim (0.010)	As req.
	1013-1	Housing adjustment shim (0.020)	As req.
10.	2-224 ^{a,c}	O-ring (housing)	1
11.	3442	Pipe plug 1/4"	1
12.	3444	Pipe plug 3/4"	1

Ref No.	Part No.	Description	Qty.
13.	1002-0	Case—model 10	1
	1002-2	Case—model 12	1
	1002-3	Case—model 13	1
	1002-4	Case—model 14	1
	1002-6	Case—model 16	1
	1002-7	Case—model 17	1
	1002-8	Case—model 18	1
	1002-9	Case—model 19	1
	14.	1914-1	Name plate
15.	7012-0065F019E	Phillips head screw 6-32 x 1/4"	2
16.	7001-037NC100A	Hex head mounting bolts	4
17.	2158	Grease zerk	2
17A.	2159	Lubricap	2
18.	4298	Mounting frame—DL	1
19.	5002-281	Bearing retainer ring	1
20.	4378	Bearing	1
21.	3226	Key	1
22.	4303	Shaft (steel)	1
	4303-X ^g	Shaft assembly (steel)	1
	4303-1	Shaft (stainless steel)	1
	4303-1X ^g	Shaft assembly (stainless steel)	1
23.	2497 ^c	#5 Woodruff key (steel)	1
	2497-1 ^c	#5 Woodruff key (stainless steel)	1
24.	2758	Bearing	1
25.	5102-118	Bearing retainer ring	1
26.	1006	Grease seal	1
27.	1238	Bearing cap	1
28.	5000-281	Bearing retainer ring	1
29.	4377	Bearing plate	1

^a denotes material code. See material code chart for details.

^b Registered trademark of the DuPont company.

^c Included with seal assembly/repair kit.

^d Add a 1 to the part number for ductile iron or a 2 for stainless steel.

(ex. - model 10 with ductile iron is 1003-01)

^e Pin is not required for Buna-N, Neoprene[®], and Viton[®] O-rings.

^f Pin is required for PTFE and Kalrez[®] O-rings.

^g Shaft assembly comes with the bearings pressed on the shaft and includes part numbers 2758, 4378, and 5102-118.

Material Code	
A	Buna-N
B	Neoprene ^{®b}
D	Viton ^{®b}
E	PTFE
G	Ethylene Propylene
K	Kalrez ^{®b}

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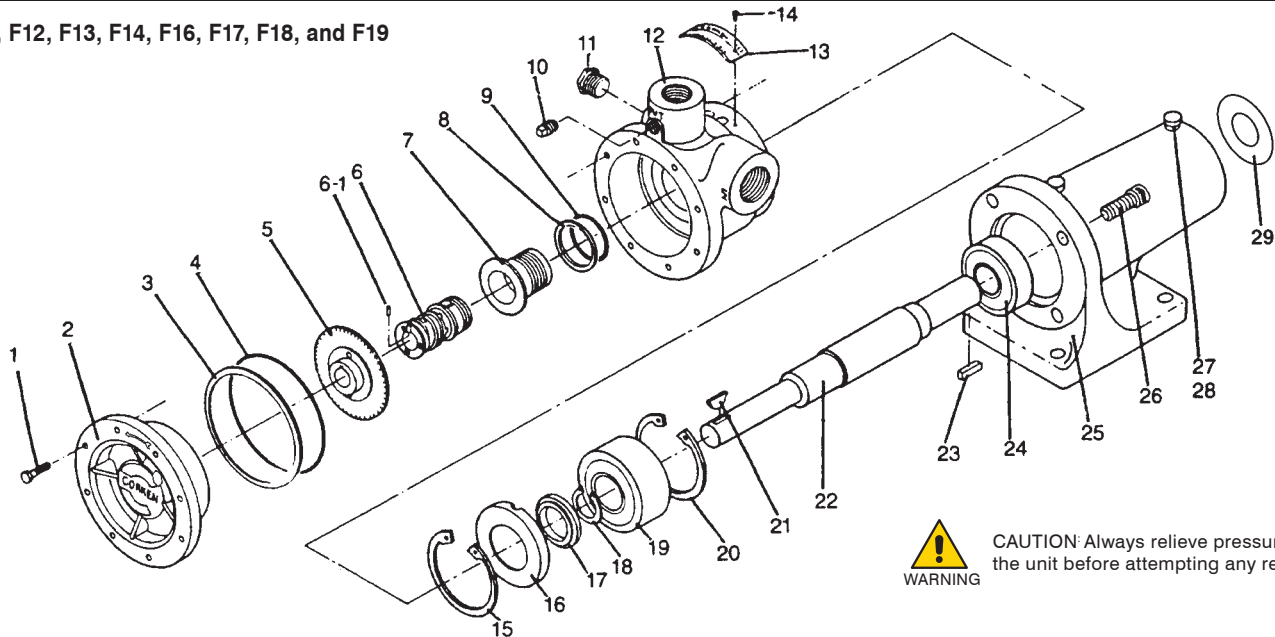
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Coro-Flo Pumps - Parts Detail for F Model (Frame-Mount) Pumps

F10, F12, F13, F14, F16, F17, F18, and F19



CAUTION: Always relieve pressure in the unit before attempting any repairs.

Ref No.	Part No.	Description	Qty.
1.	7001-031NC100A	Hex head cap screw	8
2.	1001-0	Cover—model 10	1
	1001-2	Cover—model 12	1
	1001-3	Cover—model 13	1
	1001-4	Cover—model 14	1
	1001-6	Cover—model 16	1
	1001-7	Cover—model 17	1
	1001-8	Cover—model 18	1
	1001-9	Cover—model 19	1
	3.	1014 ^c	Case clearance shim (0.002—red)
1014-1 ^c		Case clearance shim (0.003—green)	As req.
4.	2-246 ^{a,c}	Case O-ring (non-PTFE)	1
	2-247E ^c	Case O-ring PTFE	1
5.	1003-0 ^d	Impeller (bronze standard)—model 10	1
	1003-2 ^d	Impeller (bronze standard)—model 12	1
	1003-3 ^d	Impeller (bronze standard)—model 13	1
	1003-4 ^d	Impeller (bronze standard)—model 14	1
	1003-61	Impeller (ductile iron)—model 16 and 17	1
	1003-81	Impeller (ductile iron)—model 18	1
6.	113-CX ^a 6 ^a	Seal assembly (aluminum sleeve)	1
	113-CX ^a 6A ^a	Seal assembly (stainless steel sleeve)	1
6-1.	1009 ^c	Seal pin	1
7.	1004-1 ^e	Seal housing without pin (steel)	1
	1004-11 ^e	Seal housing without pin (stainless steel)	1
	1004-1X ^f	Seal housing with pin (steel, applies to Kalrez ^{®b} O-rings)	1
	1004-11X ^f	Seal housing with pin (stainless steel, applies to Kalrez ^{®b} O-rings)	1
	1004-2X ^f	Seal housing with pin (steel, applies to PTFE O-rings)	1
8.	1013	Housing adjustment shim (0.010)	As req.
	1013-1	Housing adjustment shim (0.020)	As req.
9.	2-224 ^{a,c}	O-ring (housing)	1
10.	3442	Pipe plug 1/4"	1
11.	3444	Pipe plug 3/4"	1

Ref No.	Part No.	Description	Qty.
12.	1002-0	Case—model 10	1
	1002-2	Case—model 12	1
	1002-3	Case—model 13	1
	1002-4	Case—model 14	1
	1002-6	Case—model 16	1
	1002-7	Case—model 17	1
	1002-8	Case—model 18	1
	1002-9	Case—model 19	1
	1914-1	Name plate	1
14.	7012-006SF019E	Phillips head screw 6-32 x 1/4"	2
15.	5002-281	Bearing retainer ring	1
16.	1238	Bearing cap	1
17.	1006	Grease seal	1
18.	5102-118	Bearing retainer ring	1
19.	2758	Ball bearing	1
20.	5000-281	Bearing retainer ring	1
21.	2497 ^c	#5 woodruff key (steel)	1
	2497-1 ^c	#5 woodruff key (stainless steel)	1
22.	1234	Shaft (steel)	1
	1234-X ^g	Shaft assembly (steel)	1
	1234-1	Shaft (stainless steel)	1
	1234-1X ^g	Shaft assembly (stainless steel)	1
23.	3226 ^c	Key	1
24.	2759	Ball bearing	1
25.	1010-2	Frame	1
26.	7002-037NC087A	Socket head screw	4
27.	2158	Grease zerk	2
28.	2159	Lubricap	2
29.	3227	Bearing plate	1

^a _ denotes material code. See material code chart for details.

^b Registered trademark of the DuPont company.

^c Included with seal assembly/repair kit.

^d Add a 1 to the part number for ductile iron or a 2 for stainless steel.

(ex. - model 10 with ductile iron is 1003-01)

^e Pin is not required for Buna-N, Neoprene[®], and Viton^{®b} O-rings.

^f Pin is required for PTFE and Kalrez[®] O-rings.

^g Shaft assembly comes with bearing pressed on the shaft and includes part numbers 2758, 2759, and 5102-118.

Material Code	
A	Buna-N
B	Neoprene ^{®b}
D	Viton ^{®b}
E	PTFE
G	Ethylene Propylene
K	Kalrez ^{®b}

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

B8 Coro-Vane Pumps - Parts Detail for Models 521 & 1021

Ref no	Part no.	Description	Qty
1	1162-2 1201-2	Cam (521) Cam (1021)	1 1
2	2832 2841	Case (521) Case (1021)	1 1
3	1172-2.5 ³ 1172-2 ³ 1206-3 ⁴	2.5" flange (521) 2" flange (521) 3" flange (1021)	1 1 2
4	2-234 ² 2-245 ² 2-249 ²	* Flange O-ring (521) + Flange O-ring 3" (1021) + Flange O-ring 4" (1021)	2 2 2
5	2-112 ²	* + Adjusting screw O-ring	1
6	2590	Flush seal plug 1/8" NPT	1
7	2252	Relief valve adjusting screw	
8	1174 1207	Valve cap (521) Valve cap (1021)	1 1
9	1242-X 1227	Relief valve spring and guide (521) Relief valve spring and guide (1021)	1 1
10	2-224 ² 2-228 ²	* Relief valve cap O-ring (521) + Relief valve cap O-ring (1021)	1 1
11	1241 1224	Relief valve (521) Relief valve (1021)	1 1
12	1242 1226	Relief valve spring (521) Relief valve spring (1021)	1 1
13	1170 1309	Cam key (521) Cam key (1021)	1 1
14	* 1168-7 + 1308-9	Blade (521) Blade (1021)	10 10
15	1166-1X1R 1208-1X1R	Rotor & shaft assy. (521) Rotor & shaft assy. (1021)	1 1
16	* + 1358	Grease seal	2
17	1164-1	Bearing cap	2
18	2158	Grease zerk 1/8" NPT	2
19	1769	Bearing housing	2
20	1343	Relief fitting (seal vent)	2
21A	* + 1769-XRA6 ^{1,2}	Seal assembly- Replacement	2
21B	1769-XA6	Complete Seal	2
22	* 1163-2 + 1209-1	Sideplate (521) Sideplate (1021)	2 2
23	1161-4 1205-4	Head (521) Head (1021)	2 2
24	* + 2754-X 2755 2754	Roller bearing - Complete Bearing inner race Bearing outer race	2 2 2
25	2760-244	Retainer ring	2
26	1343	Relief fitting (grease)	2
27	2-128 ⁷	Shaft O-ring	2
28	1822	Seat adapter plate	2
29	2-240 ²	Adapter plate O-ring	2
30	* 2-261 ² + 2-268 ²	Case O-ring (521) Case O-ring (1021)	2 2
31	2270	1/4" key	2
32	2949	Nameplate	1
33	3442	1/4" NPT plug	1

Ref no	Part no.	Description	Qty
34	7001-031NC125A 7001-037NC125A	Hex hd bolt 5/16-18 x 1 1/4 (521) Hex hd bolt 3/8-16 x 1 1/4 (1021)	4 4
35	7001-037NC125A 7001-037NC125A	Hex hd bolt 3/8-16 x 1 1/4 (521) Hex hd bolt 3/8-16 x 1 1/4 (1021)	28 32
36	7001-037NC150A	Hex hd bolt 3/8-16 x 1-1/2	8
37	----- ⁵	Retainer	2
38	----- ⁵	Seal seat	2
39	2-227 ²	Seal seat O-ring	2
40	2159	Lubricap #2	2
41	1359	Lubrication instruction tag	2
42	7003-004DR0198	Round hd plated drive screw 4 x 3/16	2

¹ Field replacement seal assembly contains seal and Buna-N O-Rings.

² _ Denotes O-ring code.

O-ring Code	
A	Buna-N
B	Neoprene ^{®6}
D	Viton ^{®6}
E	Teflon ^{®6}

³ Optional Flanges, (Model 521)
1172-1.5.....1/2" NPT
1172-1.5S.....1/2" Weld
1172-2.....2" NPT
1172-2S.....2" Weld
1172-2.5.....2.5" NPT
1172-2.5S.....2.5" Weld

⁴ Optional Flanges, (Model 1021):

1206-3S.....3" Weld
1206-4.....4" NPT
1206-4S.....4" Weld

⁵ Not available separately.

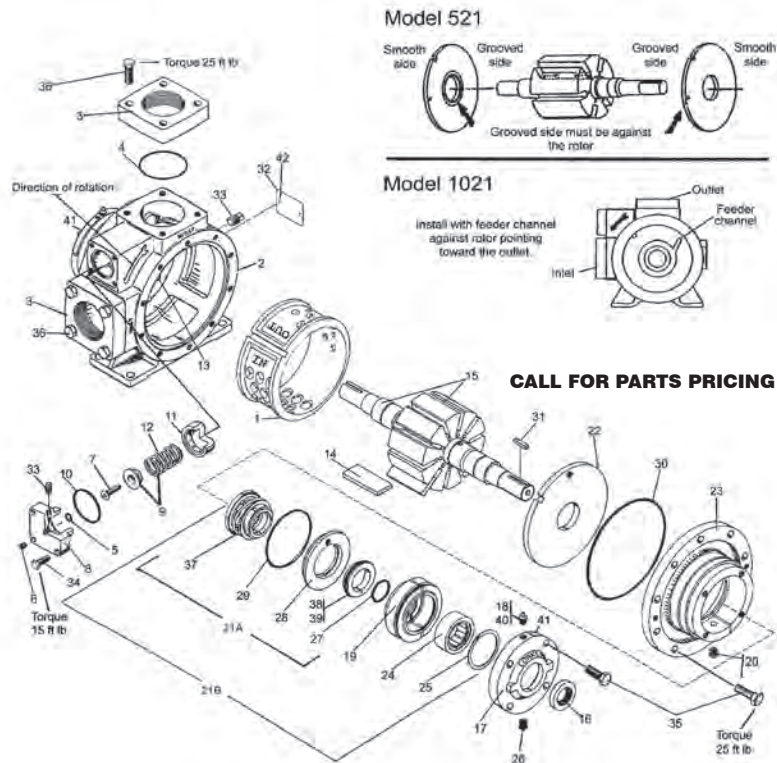
⁶ Neoprene, Viton and Teflon are registered trademarks of the DuPont company.

⁷ Available in Buna-N only.

⁸ Sideplate replacement instructions.

Coro-Vane Pump Repair Kits

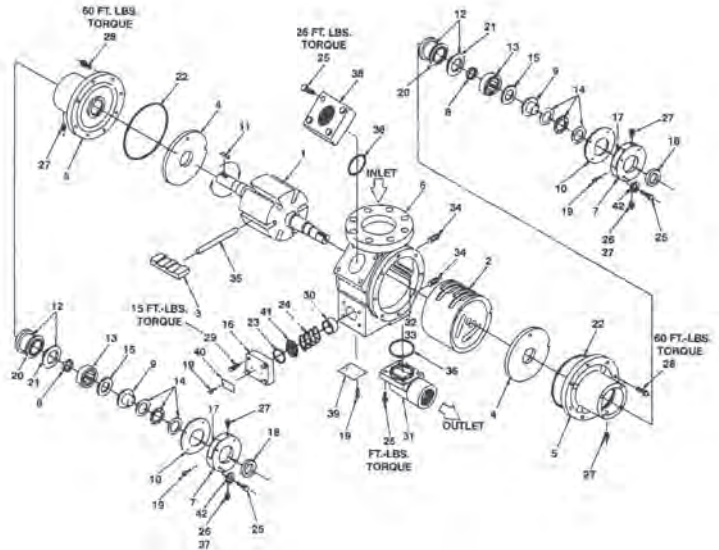
Part no.	Description
2904-X26	521 repair kit - Includes items marked with a *.
2906-X26	1021 repair kit- Includes items marked with a +.
2907-X36	1521/1522F repair kit



For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com/publications/instruction.html.

Coro-Vane Pumps - Parts Detail for Z Series - Truck and Transport

Ref no.	Part no.	Description	Qty.
1	4495-X2R	Rotor shaft assembly	1
**2	4242	Cam	1
*3	4232	Vane ⁴	6
**4	4231	Sideplate	2
5	4488	Head	2
6	4239	Case	1
7	4417	Bearing cap	2
8	4438	Grease seal	2
*9	4435	Mounting ring	2
*10	4439 4439-1 4439-2	Bearing shim (.002) red Bearing shim (.010) brown Bearing shim (.020) yellow	As req.
*11	2270	Shaft key	2
*12	4431-X_2	Seal assembly	2
*13	2754	Bearing outer race	2
*14	4432	Thrust bearing assy.	2
15	2760-244	Retainer ring	2
16	1174-2	Relief valve cap	1
17	1359	Lubrication instruction plate	2
*18	4441	Grease seal	2
19	7012-006SF019E	Screw	8
20	2-223_	O-ring—seal ³	2
21	2-227_	O-ring—seal seat ³	2
22	2-262_	O-ring—case ³	2
*23	2-224_	O-ring—relief valve cap ³	1
24	1240	Relief valve spring	1
25	7001-050NC150A	Bolt—3/8-16 x 1 -1/2" hex head	16
26	2158	1/8" NPT Grease zerk	2
27	1343	1/8" NPT relief fitting	4
28	7001-050NC150A	Bolt—1/2-13 x 1-1/2" hex head	16
29	7001-031NC125A	Bolt—5/16-16 x 1 1/4" hex head	4
30	1241	Relief valve	1
31	4243	Flanged elbow—2" ²	1
32	4241	Cam key	1
33	3253	Cam key pin	1
34	3442	1/4" NPT pipe plug	1
*35	4262-X	Vane driver	3
*36	2-234_	O-ring—flange ³	1



For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com/publications/instruction.html.

Ref no.	Part no.	Description	Qty.
37	2159	Lubricap	2
38	1172-2	Flange—2" NPT	1
39	2649	Nameplate	1
40	4248	Relief valve nameplate	1
41	4282	Relief valve shim	As req.
42	7206-037A	3/8" lockwasher	8

O-ring Code	
A	Buna-N
B	Neoprene ¹
D	Viton ¹
E	Teflon ¹

¹Registered trademarks of the DuPont company.

²See flange chart on page 17 for options

³ _ denotes O-ring code. See O-ring code chart at right.

⁴Slots in blades must face TOWARDS the direction of rotation.

Z-Series Repair Kits

Part no.	For Pump Model	Description
3193-X16	Z2000	Pump repair kit
3194-X16	Z2000	Rebuild kit
3195-X16	Z3200	Truck pump repair kit - Includes parts marked with a *.
3195-X26	Z3500	Repair Kit
3196-X16	Z3200	Truck pump repair kit - Includes parts marked with a * plus parts marked with a **.
3196-X26	Z3500	Rebuild kit
3197-X16	Z4200/Z4500	Repair Kit
3198-X16	Z4200/Z4500	3197-X1 Repair Kit with Cam and Side Plate

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

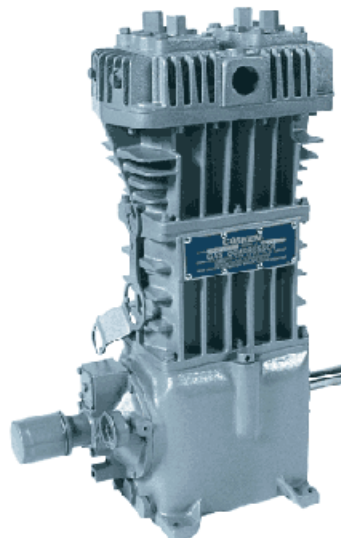
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B10 Vertical Gas Compressors - Stationary

Applications:

- Propane cylinder filling
- Bulk transfer
- Truck/barge/railcar unloading
- Liquid transfer/vapor recovery
- Tank evacuation for maintenance
- LPG/butane/ammonia

For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com.



Corken compressors can be used to transfer liquids between tanks, off-load/load-out liquids, recover residual vapor, and evacuate vapors for maintenance purposes. Many LPG piping systems do not provide ideal NPSH conditions for liquid pumps, which causes excessive pump maintenance. Since compressors are only exposed to vapors, they are not affected by poor NPSH conditions.

Many LPG pressurized tanks such as railcars and buried tanks have top unloading connections. A compressor can be the perfect solution for transferring liquids to and from such tanks.

Compressors are available in oil-free and non-lubricated vertical and horizontal designs, with threaded or ANSI flanged connections. Depending on the application, single and two-stage compressors are available.

Corken compressors are designed to minimize required maintenance and make such maintenance extremely simple. Maintenance operations such as valve replacement may be accomplished without disturbing the piping, while ring replacement may be accomplished simply by removing the head.

Corken compressors are designed for maximum versatility. A compressor installed for one application can easily be piped to be used for other plant applications. For example, a railcar unloading compressor can also be used to load and unload trucks.

Corken offers four sizes of vertical, oil-free, single-stage compressors (Models 91, 291, 491 & 691). These compressors cover a full range of capacities from 24 to 361 gpm (5.5 to 82 m³/hr) in liquid transfer.

Compressor Model

Part no.	Description
91	44 GPM, w/flywheel
91-***	44 GPM, w/options - See table at right
291	88 GPM, w/flywheel
291-***	88 GPM, w/options - See table at right
491	198 GPM, w/flywheel
491-***	198 GPM, w/options - See table at right
691	330 GPM, w/flywheel
691-***	330 GPM, w/options - See table at right

Compressor Options (Motor Not Included)

Style no.	Description
-107	Mounting includes steel baseplate, mechanical liquid trap, non-lube 4-way valve, interconnecting piping, strainer, adjustable driver slide base, V-belt drive and enclosed belt guard. Pressure gauges are mounted on the compressor.
-107A	Mounting includes steel baseplate, automatic liquid trap with NEMA 7 liquid level switch to stop compressor. Non-lube 4-way valve, interconnecting piping, strainer, adjustable driver slide base, V-belt drive and enclosed belt guard. Pressure gauges are mounted on the compressor.
-107B	Mounting includes steel baseplate, ASME code liquid trap with two NEMA 7 liquid level switches for alarm and to stop compressor. Non-lube 4-way valve, interconnecting piping, adjustable driver slide base, V-belt drive and enclosed belt guard. Pressure gauges are mounted on the compressor.
-102	Gas compressor w/flywheel, extended crankshaft and pressure gauges mounted on head
-101	Gas compressor w/flywheel & extended crankshaft
-100	Gas compressor w/ gauge, flywheel & pressure gauge

Compressor Refurbishing Program

Teeco will refurbish your 691 Compressor. Price includes labor and parts.

Refurbishing Program Terms & Conditions

- To be eligible for refurbishing, units must be complete and are subject to inspection. *
- Compressor's crankcase must be drained of oil. All units received with oil in the crankcase will be subject to a waste oil disposal charge.
- Ship inoperative compressor to Teeco's Repair Shop in Sacramento "freight prepaid" for assessment and refurbishing:
Teeco Products, Inc. | Attn: Fabrication Dept. | 7471 Reese Road | Sacramento, CA 95828
- Teeco will assess and provide you with an estimate.

* On a small number of compressors, it may not be economically feasible to perform repairs.

Refurbished Unit	Description	Cost
691-R	Refurbished 691 Compressor	Parts & Labor

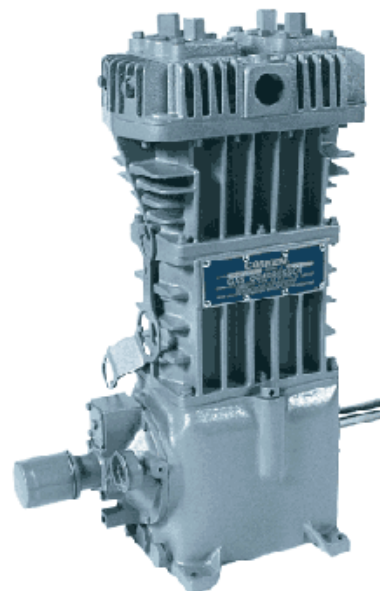
Compressor Repair Parts Kits

Part no.	Description
3549-X1	91 Series compressor repair parts kit
3550-X1	290 K3/M3 Series compressor repair parts kit
3551-X1	490 K3/M3 Series compressor repair parts kit
3552-X3	690 K3 Series compressor repair parts kit
3552-X4	691 M3 Series compressor repair parts kit

Misc. Compressor Parts

Part no.	Description
1481-X6A	Gasket Set, Buna N Aluminum (490, 491)
1522-1X1	Liquid Trap 1 1/4" x 1 1/4" NPT (91, 291, 491)
2217-X1	Liquid Trap 1 1/4" x 1 1/2" NPT (691)
1836-X	Strainer 1 1/4" NPT (91-691)

For complete instructions, installation, operation, maintenance and parts manuals, visit www.corken.com.



B12 Electric Motors

Please See Diagram on Page B11 for Motor Size and Heating Element Details.

115/230V, 60 Hz Single Phase

Part no.	HP	Sync. RPM
6002-2C1A1	1/2	3600
6002-1C1A1	1/2	1800
6003-2C1A1	3/4	3600
6003-1C1A1	3/4	1800
6004-2C1A1	1	3600
6004-1C1A1	1	1800
6005-2C1A1	1½	3600
6005-1C1A1	1½	1800
6006-2C1A1	2	3600
6006-1C1A1	2	1800
6007-2C1A1	3	3600
6007-1C1A1	3	1800
6008-2C1A1	5	3600
6008-1C7A1	5	1750

230/460V, 60 Hz Three Phase

Part no.	HP	Sync. RPM
6002-2C2B1	1/2	3600
6002-1C2B1	1/2	1800
6003-2C2B1	3/4	3600
6003-1C2B1	3/4	1800
6004-2C2B1	1	3600
6004-1C2B1	1	1800
6005-2C2B1	1½	3600
6005-1C2B1	1½	1800
6006-2C2B1	2	3600
6006-1C2B1	2	1800
6007-2C2B1	3	3600
6007-1C2B1	3	1800
6008-2C2B1	5	3600
6008-1C2B1	5	1800
6009-2C2B1	7½	3600
6009-1C2B1	7½	1800
6010-1C2B1	10	1800
6011-1C2B1	15	1800
6012-1C2B1	20	1800
60131C2B1	25	1800
6014-1C2B1	30	1800
6015-1C2B1	40	1800
6016-1C2B1	50	1800
6017-1C2B1	60	1800

Starters

The following information is required when purchasing motor controls:

- 1) Type - manual or magnetic.
- 2) Motor horsepower.
- 3) Operating line voltage.
- 4) Phase - single or three.
- 5) Frequency (hertz) for magnetic starters.
- 6) Environment.



NEMA Type 7 (Explosion Proof) Motor Controls

Type of Starter	NEMA Size	Maximum HP Rating			Starter Description	Part Number
		120V	240V	480V 600V		
Manual Starter Single Phase	0	1	1	—	Toggle	2277-X2(a)
		2		—		2277-X4(a)
	0	1	2	—	Push Button	6050-1B7
	1	2	3	—		6050-1C7
1P	3	5	—	6050-1D7		
Manual Starter Three Phase	0	2	3	5	Push Button	6050-3B7
	1	3	7½	10		6050-3C7
Magnetic Starter Single Phase	0	1	2	—	w/o PB in Cover	6051-1B7*0
					w/PB in Cover	6051-1B7*1
					w/HOA in Cover	6051-1B7*3
	1	2	3	—	w/o PB in Cover	6051-1C7*0
					w/PB in Cover	6051-1C7*1
					w/HOA in Cover	6051-1C7*3
	1P	3	5	—	w/o PB in Cover	6051-1D7*0
					w/PB in Cover	6051-1D7*1
				w/HOA in Cover	6051-1D7*3	
Magnetic Starter Three Phase	0	—	3	5	w/o PB in Cover	6051-3B7*0
					w/PB in Cover	6051-3B7*1
					w/HOA in Cover	6051-3B7*3
	1	—	7½	10	w/o PB in Cover	6051-3C7*0
					w/PB in Cover	6051-3C7*1
					w/HOA in Cover	6051-3C7*3
	2	—	15	25	w/o PB in Cover	6051-3E7*0
					w/PB in Cover	6051-3E7*1
					w/HOA in Cover	6051-3E7*3
	3	—	30	50	w/o PB in Cover	6051-3F7*0
					w/PB in Cover	6051-3F7*1
					w/HOA in Cover	6051-3F7*3

* Indicate voltage - D=120, H=208, A=240, N=380, B=480, C=600
 "PB" indicates Start/Stop button. "HOA" indicates Hand-Off Automatic selector switch.
 (a) Wall mounted starter.

Wire Sizing & Diagrams for Coro-Flo Pumps

B13

Close-coupled Regenerative Turbine Pumps

Model	Switch Types	Motor Part No.	Hp	Phase	Voltage	Approximate Full Load Amperage	Minimum Wire Size, AWG Length of Run in Feet			Heater Element Part No.	Wiring Connections	
							0-100	to 200	to 300			
C10 C12	S-20 SM-20	2556 (Obs.)	1	1	115 230	18 9	8 12	6 12	4 10	2610 (P32)	115V 2277-X1 or 2277-X2 Switch Assy (uses switch 2275) 208-230V 2277-X1 or 2277-X2 Switch Assy (uses switch 2275) 	
C10 C12 C13	—	3760 (Rep. by 4261)	2	1	115 230	24 12	8 12	4 10	2 8	4250 (P36)	115V (uses switch 2275) 208-230V (uses switch 2275) 	
C10 C12 C13	S-30 SM-30	4261	2	1	115 230	20 10	8 12	4 10	2 8	No overload	115V 2277-X3 or 2277-X4 Switch Assy (uses switch 3784) 230V 2277-X3 or 2277-X4 Switch Assy (uses switch 3784) 	
C10 C12	S-25 SM-25	4261-1	1	1	208 230	10	12	10	8	4250 (P36)	208-230V (uses switch 2275) 	
C14 C16	—	2557 ^a	3	3	230 460	10 5	12 12	12 12	12 12	—	208-230V 460V 	
C14 C16	—	4885	3	1	115 230	29 14.5	6 12	4 8	2 8	—	115V 230V 	

^a Pump must rotate in the direction shown on pump case. If not, switch any two of the three incoming 3 phase lines.

Notes: 1. Green wire, if present, should be grounded.

2. For Coro-Flo units with oversized motors, follow the wiring information for the appropriate motor and operating voltage.

3. Any differences on the motor nameplate should take precedence over the data presented on this sheet.

4. All electrical work should be done by a qualified electrician familiar with local codes.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

B13

Rev 8/20

B14 Starters

Type of Manual Starter	NEMA Size	Maximum HP Rating			Starter Description	Part Number
		120V	240V	480V 600V		
Motor Mount 1P	0	1*	1	—	Toggle	2277-X1
Wall Mount 1P						2277-X2
Motor Mount 1P		2	5			2277-X3
Wall Mount 1P						2277-X4

* Indicate voltage - D=120, H=208, A=240, N=380, B=480, C=600

Accessories

4-Way Non Lubricated Valve

Reverses flow direction to compressor. With handle and flow indicator. Ductile iron body. 500 psig.

Part no.	Description
3046	1" NPT
3047	1 1/4" NPT
3122-X	Valve repair kit, 1" NPT
3123-X	Valve repair kit, 1 1/4" NPT
2303-1X	Grease for valve



Strainer

Minimizes pressure drop. Iron body, monel screen and steel plug. 250 psig.

Part no.	Description
1836-X	Gas, 1 1/4" NPT
1836-X1	Liquid, 1 1/4" NPT



Stick Grease

Grease for Corken old-style lubricated 4-way valves.

Part no.	Description
2303-1X	Stick grease (24 sticks)

Compressor Liquid Traps

Part no.	Style	Size	NEMA 7 Liquid Level Switches
1522-1x1	Standard	1 1/4" x 1 1/4" NPT	0
2217-X1	Standard	1 1/4" x 1 1/2" NPT	0



Pressure Gauge

Stainless steel case. Glycerin filled. 2 1/2" dial, 1/4" NPT back connection. Mounts on compressor head or piping system. 0-400 psi range, .5 psi increment.

Part no.	Description
1063-400	Pressure gauge



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Order Online: www.teecoproducts.com
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Bypass Valves

Specification	B166	T166	B177	ZV200
Slip-On Flange Option	No	No	2", 2 1/2"	1 1/4" - 2 1/2"
Differential Pressure Range	25-225 psi	25-225 psi	20-160 psi	91-125 psi
O-ring Material Options	Buna N (standard), Neoprene, Teflon, Viton, Ethylene-Propylene (n/a B177)			

B166 Automatic Dual Purpose Bypass Valve

Combination bypass / priming valve specifically designed for small cylinder filling type pumps.

Part no.	Description
B166-.75	3/4" NPT inlet and outlet
B166-1AAU	1" NPT inlet and outlet, 25-60 PSIG
B166-1BAU	1" NPT inlet and outlet, 50-150 PSIG
B166-1CAU	1" NPT inlet and outlet, 100-225 PSIG



T166 Pump Flow Control Valve

High-pressure build-up valve for smooth acting flow control. For bypass protection in 30-100 GPM pumps.

Part no.	Description
T166-1.25	1 1/4" NPT inlet and outlet
T166-1.5	1 1/2" NPT inlet and outlet



B177 Differential Bypass Valve

Low-pressure buildup bypass valve for bulk plant applications in the 40-350 GPM range.

Part no.	Description
B177-1.25	1 1/4" NPT inlet and outlet
B177-1.5	1 1/2" NPT inlet and outlet
B177-2	2" NPT inlet and outlet



ZV200 Bypass Valve

Low pressure build-up bypass valve for bob-tail, transport and stationary loading/unloading applications. Protects pumps with capacities up to 250 GPM. Continuous internal bleed Assists in operation of systems with "air" or "electric" operated internal valves. Various spring rates, O-Ring materials and inlet/outlet flanges available. Call for more information.

Part no.	Description	Springs
ZV200BACC	Bypass Valve 1 1/2" inlet and outlet, Buna-N O-ring	91-125 psig
ZV200BAEE	Bypass Valve 2" inlet and outlet, Buna-N O-ring	
ZV200BAFF	Bypass Valve w/2" Slip On Weld Flange, Buna-N O-ring	
ZV200CAAA	Bypass Valve 1 1/4" inlet and outlet, Buna-N O-ring	71-90 psig
ZV200CACC	Bypass Valve 1 1/2" inlet and outlet, Buna-N O-ring	



GC and MC Series - Small Capacity Stationary

B15

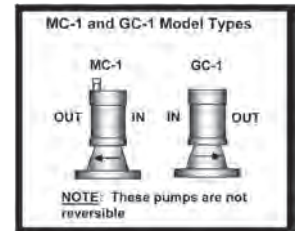
Both GC- and MC-series are designed for direct motor mount to 56C-frame electric motor. The GC-series pump can be used in conjunction with an internal combustion engine for portable transfer applications. Each GC- or MC-series pump utilizes the balanced 3-gear set unique to Smith pumps. The internal porting and superior construction enable these pumps to handle continuous duty service applications and pump against high differential pressure. The GC-series features a permanently set internal bypass valve at 150 psid. The MC-series features an adjustable internal bypass valve. Foot mount available.



GC Series Pump



Part no.	Exchange Pump #	Description
MC-1	MC-1X	Pump only
MC1-M1B	MC-1X	Pump with 1HP motor, 115/208/230V 1Ø (EM1-3B)
MC1-M5B	MC-1X	Pump with 1 1/2 HP motor, 115/208/230V 1Ø (EM-5B)
GC-1LZ	GC-1LX	Pump only
GC-1LZ-EM1-3B	GC-1LX	3/4" Pump - 1HP motor with Superseal, 115/208/230V 1Ø, XP (EM-3B)
GC-1LZ-EM-5B	GC-1LX	Pump with 1 1/2 HP motor, 115/208/230V 1Ø, XP (EM-5B)
GC-1LZ-EM-6B	GC-1LX	3/4" Pump - 1 1/2 HP motor with Superseal 3Ø
GC-1LZ-M7H	GC-1LX	3/4" Pump with 7H Honda Engine
GC-1LZNSSA	GC-1LX	GC-1LZ Pump w/special alloy steel gears and idler gear shafts
GC-1LZNSSA-EM-5B	GC-1LX	Pump with 1 1/2 HP motor, 115/208/230V 1Ø, XP (EM-5B) w/special alloy steel gears and idler gear shafts
MC-100	MC-100X	Shaft-seal assemblies for MC-1 and GC-1. With Superseal.



* These pumps have been developed to better withstand difficult conditions, such as high differential pressures or continuous duty. For longest pump life, specify the NSSA and SUPERSEAL options.

Model	Motor Speed	Average Delivery Rate, 3600 RPM		Internal Bypass Relief Setting	Max. Differential Pressure	Inlet/Outlet Size	Motor	Pump Rotation
		40 psid	75 psid					
MC-1*	3600 RPM	9 GPM	8 GPM	Adjustable	125 psi	3/4" FNPT	1 HP	MC-1-CCW
GC-1LZ*		11 GPM	9 GPM	150 psi			1 1/2 HP	CW

*External bypass valve required with MC-1 and GC-1LZ

GC-1LZ Pump

Incorporates advanced design features required for higher differential pressure, long "on-times", and inlet line conditions that may be marginal.

The GC-1LZ utilizes three heat-treated and hardened gears to develop differential pressure. As the pump builds pressure, the load on the gear set is balanced. This translates into much higher efficiency and less wear-and-tear on pump components. It also means a quieter pump.

The GC-1LZ pump can be operated using a standard 1.5 HP motor. The GC-1LZ pump is designed so the flexible drive coupling is surrounded by a shaft end cover housing that doubles as a coupling guard, and protects the coupling from adverse weather conditions.

When should you consider using the GC-1LZ pump?

1. If you want an "install-it-and-forget-about-it" pump.
2. In a location where you sell a high volume of gas and the pump is used frequently.
3. In a location where minimal noise is required.
4. For cylinders and tanks that have higher restriction to flow.
5. For applications used for cylinder filling and AutoGas

Features:

13 GPM Flow Rate at 3450 RPM
Pump Port Size: 3/4 inch

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

B15

Rev 8/20

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Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

B16 E-Series - Small Capacity Stationary

Designed for direct motor mount to the 56C-frame electric motor or to internal combustion engine for portable transfer applications. Each E-series pump comes complete with an internal/external bypass valve and built-in strainer. Affords the flexibility of either using the pump bypass valve to relieve within the pump in cases where it is necessary or with a simple rotation of the pump cover, the internal bypass valve can be used as an external bypass valve with the use of a return line back to the supply tank. The bypass valve cartridge is set to crack at 90 psid. Replacement parts for E-series are interchangeable with D-Series. Foot mount available.

See page B19 for Replacement Motors and Exchange Program details.

Part no.	Exchange Pump #	Description
EG-1	EG-1X	EG Pump only
EG1-M1-3B	EG-1X	EG1 Pump w/1 HP motor, 115/208/230V 1Ø (EM1-3B)
EG1-M7H	EG-1X	EG1 Pump w/ 7H Honda Gas Engine
ECH-1	ECH-1X	ECH Pump only
ECH-M5B	ECH-1X	ECH Pump w/1½ HP motor, 115/208/230V 1Ø (EM-5B)
ECH-M6B	ECH-1X	ECH Pump w/1½ HP motor, 208/230/460V 3Ø (EM-6B)
ECH-M7H	ECH-1X	ECH Pump w/ 7H Honda Gas Engine
E-100X	-	Exchange, Shaft- Seal assembly for EG-1
E-100HX	-	Exchange, Shaft seal assembly for EC-H



EG1-M7H



EG-1

For complete instructions, installation, operation, maintenance and parts manuals, See TEECO Master Catalog CD-ROM.

Model	Motor Speed	Average Delivery Rate, 3600 RPM		Internal Bypass Relief Setting	Max. Differential Pressure	Inlet/ Outlet Size	Motor	Pump Rotation
		40 psid	75 psid					
EG-1	3600 RPM	8½ GPM	7 GPM	90 psi	125 psi	3/4" FNPT	1 HP	CW
ECH-1	3600 RPM	13½ GPM	12 GPM	90 psi	125 psi	1" FNPT	1½ HP	CW

D-Series - Small Capacity Stationary

Designed for direct motor mount to 56C-frame electric motor. Each D-series pump comes complete with a back to tank bypass valve and built-in strainer. The gear set and strainer screen can be serviced without disturbing the piping. The gear set does not have to be removed from the pump should replacement of the mechanical shaft seal assembly be required. Each D-series pump uses a built-in bypass valve cartridge set at 90 psid. Pump bypass must be piped back to the supply tank. Foot mount available.

Part no.	Exchange Pump #	Description
DW-1	DW-1X	Pump only
DW1-M1-3B	DW-1X	Pump w/1 HP motor, 115/208/230V 1Ø (EM1-3B)
DW-H	DW-HX	Pump only
DWH-M5B	DW-HX	Pump w/1½ HP motor, 115/208/230V 1Ø (EM-5B)
DWH-M6B	DW-HX	Pump w/1½ HP motor, 208/230/460V 3Ø (EM-6B)
E-100X	-	Exchange, Shaft- Seal assembly for DW-1
E-100HX	-	Exchange, Shaft seal assembly for DW-H



DW-1Z w/motor

The SUPERSEAL option is provided as standard equipment on all D-series pumps. SUPERSEAL uses a thermoplastic seal ring that continually seats itself even in conditions of high vapor concentrations. Because of the unique shaft seal assembly design, the seal ring actually rotates at one-half shaft speed, greatly increasing productive seal life.

For complete instructions, installation, operation, maintenance and parts manuals, See TEECO Master Catalog CD-ROM.

Model	Motor Speed	Average Delivery Rate, 3600 RPM		Internal Bypass Relief Setting	Max. Differential Pressure	Inlet/Outlet Size	Motor	Pump Rotation
		40 psid	75 psid					
DW-1	3600 RPM	8½ GPM	7 GPM	90 psi	125 psi	3/4" FNPT	1 HP	CCW
DW-H	3600 RPM	13½ GPM	12 GPM	90 psi	125 psi	1" FNPT	1½ HP	CCW

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MC-1044, MC-2 Series - Medium Capacity Stationary for Small Bulk Plant Installations

Model	Average Delivery Rate, 3600 RPM		Max. Differential Pressure	Inlet/Outlet Size	Motor (Sold Separately)	Pump Rotation
	40 psid	75 psid				
MC-1044	17 GPM	14 GPM	125 psi	1½" FNPT	1½ HP to 40 psid, 2 HP over 75 psid	Reversible
MC-1044H	30 GPM	25 GPM	125 psi	1½" FNPT	2 HP to 40 psid, 3 HP over 75 psid	Reversible
MC-2	42 GPM	35 GPM	125 psi	2½" FNPT	3 HP to 40 psid, 5 HP over 75 psid	Reversible

MC-1044, MC-1044H

The MC-1044 pump incorporates the balanced 3-gear design to maximize efficiency and minimize slippage. It is reversible with proper consideration of inlet and outlet ports. The MC-1044 can fill up to three 100 lb. cylinders in 4 minutes using a manifold arrangement. No periodic maintenance or lubrication is required. Since the pump loading is balanced and no heavy rotor is utilized, the mechanical shaft seal ball bearing sees minimal work. It is sealed for life and does not require periodic greasing.



MC-2

The MC-2 pump has 2-1/2" NPT tapped inlet ports and is reversible. Suitable for loading delivery trucks at a rate of 45-50 GPM. Fills up to five 100 lb. cylinders on a manifold in 4 minutes. Can be fitted with steel flanges, 2" threaded or weld type.



Part no.	Exchange Pump #	Description
MC-1044	MC-1044X	Pump only
MC-1044H	MC-1044HX	Pump only
MC-101	-	Shaft seal assembly for MC-1044, MC-1044H, TC-1044H
MC-2	MC-2X	Pump only
MC-102	-	Shaft seal assembly for MC-2

* Call TEECO for information on pump/motor packages.

MC-3, MC-4, MC-5 Series - Large Capacity, Heavy Duty Stationary

Model	Average Delivery Rate, 3600 RPM		Max. Differential Pressure	Inlet/Outlet Size	Motor	Pump Rotation
	40 psid	75 psid				
MC-3	84 GPM	70 GPM	125 psi	2½" FNPT	5 HP to 40 psid, 7½ HP over 75 psid	Reversible
MC-4	125 GPM	105 GPM	125 psi	4" FNPT Inlet, 2½" FNPT Outlet	7½ HP to 40 psid, 10 HP over 75 psid	CCW

MC-3, MC-3H

Smith's most popular bulk transfer pump. Utilizes the balanced 3-gear design. Is recommended as a heavy duty bulk plant pump with a capacity up to 100 GPM.



Inlet and outlet ports are conveniently located on the sides of the pump to minimize restrictions caused by fittings such as elbows. MC-3H model delivers the same capacity as the MC-3 but at 1500 RPM. Both models available with flanges, either threaded or weld type. Reversible.

MC-4, MC-4H

The same basic pump as the MC-3, MC-3H models but with an extra secondary housing to boost capacity. Comes standard with a 4" NPT tapped inlet and 2.5" NPT tapped outlet.



Available with flanges, either threaded or weld type. MC-4H model delivers the same capacity as the MC-4 but at 1500 RPM. Not reversible.

MC-5, MC-5H

This is the highest capacity Smith pump in regular production. Utilizes 3 secondary housings to boost capacity to 200 GPM. Optional large capacity gear set is available to increase rated capacity to 250 GPM. Comes standard with 4"



NPT tapped inlet and 2.5" NPT tapped outlet. Available with same flange arrangement as MC-4, MC-4H models. MC-5H model delivers the same capacity as the MC-5 but at 1500 RPM. Not reversible.

Part no.	Exchange Pump #	Description
MC-3	MC-3X	Pump only*
MC-103	-	Shaft seal assembly for MC-3
MC-4	MC-4X	Pump only*
MC-104	-	Shaft seal assembly for MC-4
MC-5	MC-5X	Pump only*
MC-105	-	Shaft seal assembly for MC-5

* Call TEECO for information on pump/motor packages.

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B18 Truck Pumps- Foot Mount

TC-1044H

Model TC-1044H is designed especially for small delivery trucks that fill cylinders, trailer bottles, and sometimes larger consumer tanks. Single mechanical shaft seal for maximum safety and ease of maintenance.



TC-2

Model TC-2 is similar to the TC-1044H but has greater capacity at higher differential pressures. Single mechanical shaft seal assembly. Five-piece gear arrangement for maximum efficiency at high differential pressures. A flange option is available utilizing steel threaded weld-type flange, 2".



TC-3

Model TC-3 is for maximum capacity high flow delivery trucks with 2" meters. Same basic design as the TC-2 model but with an additional secondary housing. Five-piece gear design. A flange option is also available incorporating steel threaded or weld-type flanges, 2".



Model	Average Delivery Rate		Max. Differential Pressure	Inlet/Outlet Size	Pump Weight	Pump Rotation
	40 psid	75 psid				
TC-1044H	30 GPM @ 900 RPM	25 GPM @ 900 RPM	125 psi	1 1/2" FNPT	50 lbs.	Reversible
TC-2	42 GPM @ 500 RPM	35 GPM @ 500 RPM	125 psi	2 1/2" FNPT	100 lbs	Reversible
TC-3	86 GPM @ 500 RPM	70 GPM @ 500 RPM	125 psi	2 1/2" FNPT	135 lbs.	Reversible

Part no.	Exchange Pump #	Description
TC-1044H	TC-1044HX	Pump only
TC-2	TC-2X	Pump only
TC-3	TC-3X	Pump only
MC-101	-	Shaft seal assembly for TC-1044H
MC-102	-	Shaft seal assemblies for TC-2.
MC-103	-	Shaft seal assemblies for TC-3.

Truck Pumps- Flange Mount

MCAT Series 3" flange mount truck pumps are designed for 1200 RPM maximum shaft speed and deliver comparably to other makes at 650 RPM PTO speed. Damage associated with over-revving is eliminated. Allows for faster fuel deliveries where large meters are used.



All MCAT-series pumps are provided with two 90° threaded elbows for the discharge and auxiliary inlet. Optional flanges includes a blind flange for the auxiliary inlet, threaded or weld type flanges, 2" NPT, for the discharge or auxiliary inlet.

MCAT Series pumps incorporate the heavy duty NSSA option as standard equipment. Aircraft quality steel gear sets and Tungsten Carbide idler gear shafts allow for maximum efficiency at higher differential pressures. All MCAT-series pumps feature balanced internal porting that greatly enhances pump life.

MCAT Series pumps use a SINGLE mechanical shaft seal. The patented SUPERSEAL mechanical shaft seal assembly that does not have to be removed from the pump in the event the gear set needs to be replaced; no loose seal components to worry about. MCAT Series pumps are designed for minimal over pressure should the internal bypass relief valve ever open. Bypass valve porting is oversized to minimize damage due to cavitation. Internal relief valve is set at 150 psid and as such, an external bypass valve is required by the Underwriters Laboratories.

Model	Average Delivery Rate		Max. Differential Pressure	Outlet Size	Pump Weight
	40 psid	75 psid			
MCAT-2R, 2L	39 GPM @ 700 RPM	35 GPM @ 700 RPM	125 psi	2" FNPT threaded, 90° elbow	108 lbs.
MCAT-3R, 3L	78 GPM @ 700 RPM	70 GPM @ 700 RPM	125 psi	2" FNPT threaded, 90° elbow	137 lbs.

Part no.	Description
MCAT-2R	Pump only, right rotation
MCAT-2L	Pump only, left rotation
MCAT-3R	Pump only, right rotation
MCAT-3L	Pump only, left rotation

Electric Motors/LP-Gas Engines for Smith Pumps

Part no.	HP	RPM	Voltage	For pump
EM1-3B	1	3600	115/208/230V 1Ø	EG-1, DW-1, MC-1, GC-1
EM-5B	1½	3600	115/208/230V 1Ø, XP	EC-H, DW-H
EM-6B	1½	3600	208/230/460V 3Ø, XP	EC-H, DW-H
EM-7H	3 ½	-	Honda Gasoline Engine	EG-1, ECH, GC-1



Bypass Valves

Part no.	Size	For pump	Flow (GPM)
WW-120	1/2" x 1/2"	DW-1Z, EG-1Z, MC-1, GC-1	5-10
WW-340	3/4" x 3/4"	DW-HZ, EC-HZ	10-15
WW-100	1" x 1"	MC-1044, MC-1044H, TC-1044H	20-35
WW-114	1¼" x 1¼"	MC-2, MCAT-2, MC-2H, TC-2	35-50
WW-112	1½" x 1½"	MC-3, MCAT-3, MC-3H, TC-3	50-100
WW-200	2" x 2"	MC-4, MC-4H, MC-5, MC-5H	100-150
WW-212	2½" x 2½"	MC-5, MC-5H	150-250



Accessories

Strainers

Designed for high pressure LP-Gas service. Less resistance to flow, with readily removable screen.



Flexible Drive Couplings

For pumps mounted on steel bases for bulk plant operation or pumps mounted directly on motors or engines.



Part no.	Description
174-S	1" NPT inlet x 3/4" NPT outlet
175-S	1" NPT inlet x 1" NPT outlet
176-S	1¼" NPT inlet x 3/4" NPT outlet
178-S	1¼" NPT inlet x 1" NPT outlet
179-S	1¼" NPT inlet x 1¼" NPT outlet
184-S	2" NPT inlet x 1½" NPT outlet
185-S	2" NPT inlet x 2" NPT outlet
186-S	2½" NPT inlet x 2½" NPT outlet
187-S	3" NPT inlet x 2½" NPT outlet
188-S	3" NPT inlet x 3" NPT outlet

Part no.	Max. HP	Available Stock Bore Diameter	Insert #	For Pum(s)	
VC-20	*	1	5/8", 3/4"	FD-20	DW-1Z, DW-HZ, EG-1Z, MC-1, GC-1LZ (1-1/2 HP req'd for GC-1LZ & DW-HZ)
VC-30	*	1½	5/8", 3/4" 7/8", 1"	FD-30	EC-HZ
VC-35	**	3	7/8", 1", 1 1/8", 1 3/8"	FD-35	MC-1044, MC-1044H
VC-40	**	7½	1", 1 1/8", 1 1/4", 1 3/8"	FD-40	MC-2, MC-2H, MC-2F, MC-2HF MC-3, MC-3H, MC-3F, MC-3HF
VC-50	**	10, 15	1 3/8", 1 5/8"	FD-50	MC-4, MC-4H, MC-4F, MC-4HF MC-5, MC-5H, MC-5F, MC-5HF

*Assumes pump is mounted to 3600 RPM motor ** Assumes pump is mounted to 1800 RPM motor
For speeds other than 3600 or 1800 RPM, contact us. For small capacity pumps mounted to 3-1/2 HP Honda engine (NO. 7H), the coupling bore size must be 5/8" x 3/4"

Exchange Program and Repair Services

Turn in your worn out Smith pump and receive core credit on selected Smith models. Core unit must be returned to TEECO, freight prepaid, within 30 days of exchange unit shipment. All exchanges based on model for model, one for one basis. An exchange unit must be purchased in order to receive core credit. ***Net core credit subject to change. Motor not included in exchange.**

Repair Services- Complete Smith pump repair service available for all models. Call TEECO for pricing and details.

Model
DW-1(E)
DW-H(E)
ECH-1(E)
EG-1(E)
GC-1(E)
MC-1(E)
MC-2(E)
MC-3(E)

Model
MC-4(E)
MC-5(E)
MC-1044(E)
MC-1044H(E)
TC-2(E)
TC-2F(E)
TC-1044H(E)
E-100(E)

Model
E-100H(E)
MC-100(E)
MC-101(E)
MC-102(E)
MC-102Q(E)
MC-103(E)
MC-104(E)
MC-105(E)

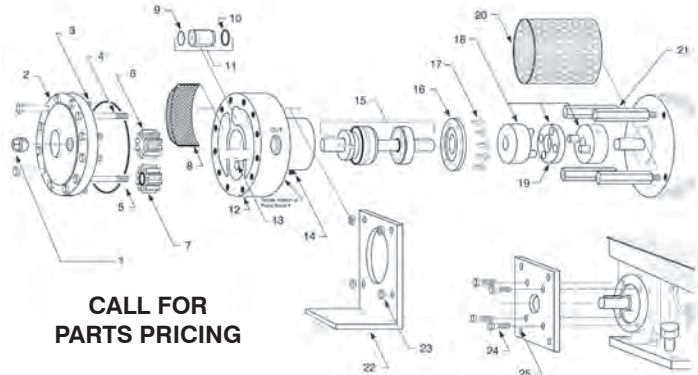
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B20 Smith Pumps - Parts for E-Series and D-Series

E-Series Parts Details

Ref. no	Part no.	Description	Qty.
1	12PLUG 34PLUG	1/2" NPT square head steel pipe plug for EG-1* 3/4" NPT square head steel pipe plug for EC-H*	1 1
2	E-2 E-2H	Gear end cover for EG-1 pump Gear end cover for ECH pump	1 1
3	3/8-16Tx1-1/2L	Short Gr.5 cap screws for gear end cover	8
4	3/8-16Tx3-1/2L	Long Gr. 5 cap screws for mounting to spacers	4
5	6230-28*	O-ring for gear end cover	1
6	EG-5* EC-5H*	Drive gear for EG-1 Drive gear for EC-H	1 1
7	EG-6* EC-6H*	Idler gear with E-10 bushing for EG-1 Idler gear with E-10 bushing for EC-H	1 1
8	E-21	Strainer screen	1
9	568-118	Top O-ring	1
10	6227-17	Bottom O-ring	1
11	E-20ASSY*	Bypass valve cartridge- Includes O-rings	1
12	E-1 E-1H	Main housing for EG-1 Main housing for EC-H	1 1
13	E-9	Idler gear shaft	1
14	105CUP	Leak detection port with bleeder cup	1
15	E-100X* E-100HX*	Shaft- Seal assembly for EG-1 Shaft seal assembly for EC-H	1 1
16	E-15	Bearing retainer plate	1
17	10-32Tx1/2L	Fillister head screws for bearing retainer plate	8

* Recommended for Pump Rebuild

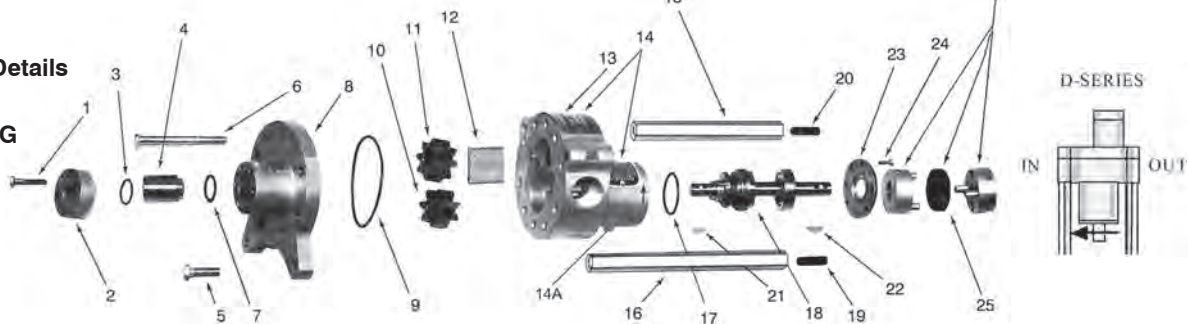


CALL FOR PARTS PRICING

Ref. no	Part no.	Description	Qty.
18	VC-20* VC-30*	Complete drive coupling(electric motor use) EG-1** Complete drive coupling(electric motor use) EC-H**	1 1
19	FD-20 FD-30	Coupling insert for EG-1 Coupling insert for EC-H	1 1
20	CG-E	Optional - coupling guard screen	1
21	E-3	Mounting spacers with studs	4
22	E-52	Optional - foot mounting bracket	1
23	R3-21	Spacers for optional foot mount bracket	4
24	5/16-24Tx1L	Gr. 5 cap screws for mounting adapter plate	4
25	E-51	Engine adapter plate	1

D-Series Parts Details

CALL FOR PARTS PRICING



Ref. no	Part no.	Description	Qty.
1	1/4-20Tx1-1/4L	Cap screws	6
2	D-3	Bypass flange, 1/2" FNPT	1
3	568-118	O-ring for bypass valve (top)	1
4	E-20ASSY*	Bypass valve assembly with O-rings	1
5	3/8-16Tx1-1/4L	Cap screws	8
6	3/8-16Tx3-1/4L	Cap screws	2
7	6227-17	O-ring for bypass valve (bottom)	1
8	D-2	Gear end cover	1
9	6230-14	O-ring for gear end cover	1
10	EG-5* EC-5H*	Drive gear for DW-1 Drive gear for DW-H	11 11
11	EG-6* EC-6H*	Idler gear with bushing for DW-1 Idler gear with bushing for DW-H	11 11
12	D-21	Strainer screen	1
13	D-1 D-1H	Main housing for DW-1 Main housing for DW-H	11 11

Ref. no	Part no.	Description	Qty.
14	L-3 L-7	Label plates Instruction plate	1 1
14A	105CUP	Leak detection port with bleeder cup	1
15	D-3S	Mounting spacer (short) w/studs	2
16	D-3L D-3LH	Mounting spacers (long) for DW-1 w/studs Mounting spacers for DW-H w/studs	2 2
17	6227-27	O-ring for O.D. of seal assembly	1
18	E-100X* E-100HX*	Shaft seal assembly for DW-1 Shaft seal assembly for DW-H	1 1
19	Stud	Stud	1
20	Stud	Stud	1
21	5-KEY	Gear key	1
22	61-KEY	Coupling key	1
23	E-15	Bearing retainer plate	1
24	10-32Tx1/2L	Fillister head screws	8
25	FD-20	Coupling insert	1
26	VC-20*	Complete drive coupling	1

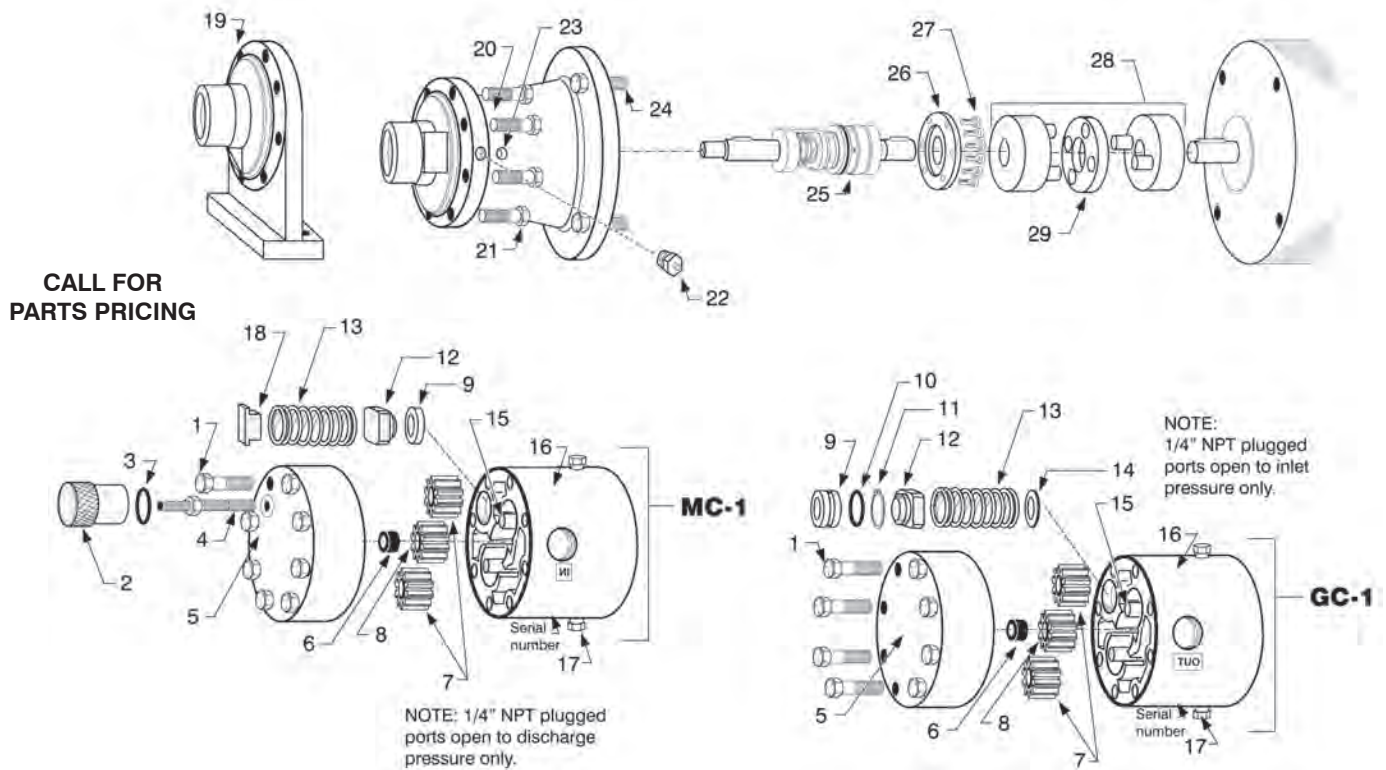
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B20 * Recommended for Pump Rebuild

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Smith Pumps - Parts for GC and MC Series

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CALL FOR PARTS PRICING

GC and MC Series Parts Details

For complete instructions, installation, operation, maintenance and parts manuals, go to www.smithpumps.com.

Ref. no.	Part no.	Description	Qty.
1	3/8-16Tx1-3/4L	Cap screws for gear end cover	8
2	649-30	Valve cap	1
3	6227-12*	O-ring	1
4	649-42	Valve adjusting screw with nut	1
5	649-2 649-2G	Gear end cover for MC-1 Gear end cover for GC-1	11
6	649-11*	Main shaft bushing for cover	1
7	649-6*	Idler gears with bushing	2
8	649-5*	Drive gear	1
9	649-29S* 649-29*	Bypass valve seat, MC-1 Valve seat, GC-1	1
10	6227-14*	O-ring for valve seat	1
11	5008-100	Lock ring	1
12	649-41*	Bypass valve	1
13	649-31	Bypass valve spring	1
14	649-29A**	Optional- Bypass valve spring spacer	1
15	649-9	Idler gear shafts	2
16	649-1	Main housing	1
17	14PLUG	1/4" Pipe plugs	2

Ref. no.	Part no.	Description	Qty.
18	649-40	Bypass valve spring retainer	1
19	649-3D**	Option- Foot mount shaft end cover	1
20	649-3C	Flanged shaft end cover mounts directly to fractional hp, NEMA C-face motor	1
21	3/8-16Tx1-1/4L	Cap screws	8
22	FITTING1827**	Optional leak detect port bleed fitting	1
23	-----	5/16" access port for coupling set screw	1
24	3/8-16Tx1L	Cap screws for motor mounting	4
25	MC-100X*	Shaft-seal assembly for GC-1 and MC-1	1
26	649-15	Bearing retainer plate	1
27	10-32Tx1/2L	Fillister head screws for bearing retainer plate	6
28	VC-20*	Complete drive coupling, 5/8" x 5/8"	1
29	FD-20 FD-20T**	Coupling insert	1

* Recommended for Pump Rebuild

** Parts or model types for special or heavy duty applications.

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B22 Krug Vapor Compressor

The Krug vapor compressor offers a safe, convenient and economical way to transfer LP-Gas or anhydrous ammonia. Save your truck pump from damage by using this unit for evacuating tanks.

The KC1 vapor compressor features a 4 HP Lauson LPG engine, approved by the CARB and EPA for use in all states. The compressor has 1/2" FPT suction and discharge ports and a capacity of 18 to 50 GPM (depending on piping).

The KC1K vapor compressor package also includes three hose assemblies and adapters for connecting unit.

Has 9" x 18" heavy-gauge steel base, expanded metal belt guard, V-belt drive and transporting handle. Shipping weight is only 70 lbs. Repair parts available. Call for details.

Part no.	Description
KC1B	Krug vapor compressor - Bare compressor only
KC1	Krug vapor compressor - With 4HP LPG engine
KC1K	Krug vapor compressor - With 4HP LPG engine plus hose assemblies and adapters for connecting unit. Includes:
	1 qty. 362-10 1"x10' hose assy.
	2 qty. 360-10 1/2" x10' hose assy.
	2 qty. 3175B Adapter, 1 3/4" FACME x 1/2" MPT
	2 qty. 80-103-01 Ball valve, 1/2"
	2 qty. G-1675 POL adapter
	2 qty. 5764A Adapter, 1 3/4" FACME x 1/4" FN
	1 qty. 3119A Unloading adapter, in-line
	1 qty. 80-105-01 Ball valve, 1"
	1 qty. 3175A Adapter, 1 3/4" FACME x 1" MPT
1 qty. 1120 Coupling, 1" black FS 3000#	
KC1-GAS	Krug vapor compressor - With Gasoline engine

* Other hose lengths available. Please inquire at time of purchase to order a different length.



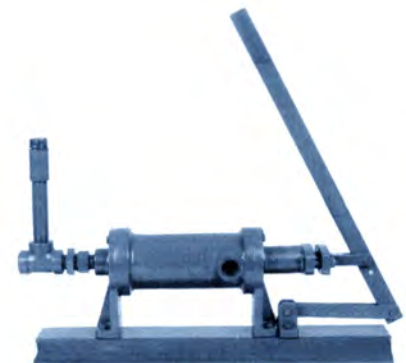
Krug Vapor Compressor Parts

Part no.	Description
913610200-LP	Lauson Engine
039-122	Regulator, 6 oz inlet, manual primer, 7/16" orifice
039-99	Diaphragm Repair Kit

Krug Piston Hand Pump

For liquefied petroleum products. Free flowing. Cannot vapor lock. Reliable operation. Eliminates dangerous venting of fuel tanks during filling. Pumps with ease against a differential pressure of 50 to 60 lbs and up to 120-pound differential pressure may be obtained. 6 GPM capacity (40 strokes).

Part no.	Description
315	Pump, 1" NPT inlet, 3/4" NPT outlet
315-RK NEW STYLE	Repair kit. Includes: 2 barrel gaskets, 12 cap screws, 2 piston rings, 1 connecting rod, 1 clevis and pin, and 1 set of packing. (For Serial #s starting with C or HC)
315-RK OLD STYLE	Repair kit. Includes: 2 barrel gaskets, 12 cap screws, 2 piston rings, 1 connecting rod, 1 clevis and pin, and 1 set of packing.
315-BG	Barrell gasket
315-PR	Piston ring
315-CR	Connecting rod
315-CP	Clevis & pin
315-P	Packing



Propane Tank Evacuator

The VENTUR-EVAC is designed FOR the propane industry BY propane people. Evacuating a propane tank has never been easier. Welded steel construction and weighing only 6 lbs, the VENTUR-EVAC is highly portable and easy to carry. Lightweight design, easy to use.

Part No.	Description
VENTUR-EVAC	Propane Tank Evacuator



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Rev 8/20

1 Inch, LP-Gas Meters

Contains all essential accessories. Available with a variety of registers that include totalizer and resettable counter. Also available with Automatic Temperature Compensator.

Part no.	Description	Capacity
RL100-108A100S0	1"-4D w/o register	3 1/2 -13 GPM
RL100-108A102S0	1"-4D w/600 register, US gallons	
RL100-118A103S0	1"-4D w/600 register/ATC, US gallons	
RL100-108A30DS0	1"-4D w/833 printer register	
RL100-108A1VAS0	1"-4D w/Veeder-Root register	
RL100-108A60PS0	1"-4D w/E-1000 Register	
RL100-108AMBS0	1"-4D w/Mid:Com Register	
RL100-108AMMAS0	1"-4D w/Mid:Com Register w/Temperature Compensator	



C1

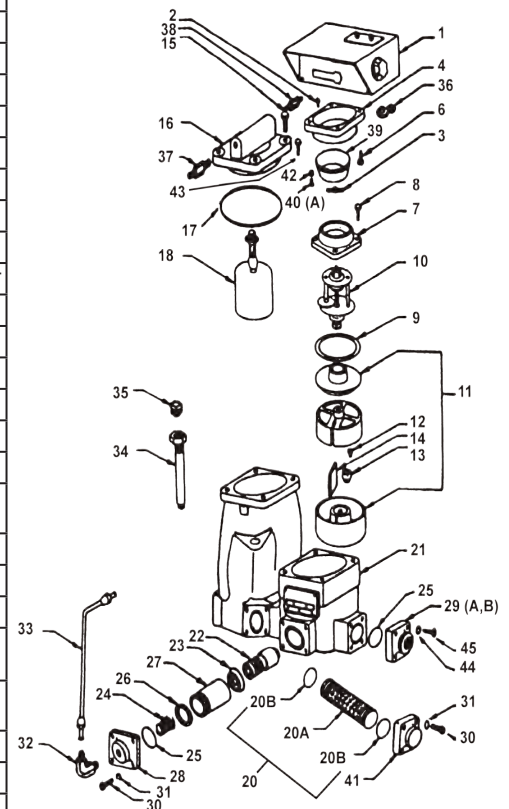


Type 4D Meters Parts Details

Ref. no	Part no.	Description
1	100498-018	Register Complete, 600 Series, Gallons W/ATC
	100498-016	Register Complete, 600 Series Gallons Non/ATC
	100498-015	Register Complete, 600 Series Liters W/ATC
	100498-019	Register Complete, 600 Series Liters Non/ATC
2	733-001	Screw, 10-32 x 3/8 fil hd
3	82976-001	Star Conn W/set screw
4	100729-001	Adapter, 600 Series Register
6	Bolt, 1/4-28x1/2hex hd	
	100062-023	drilled
	100061-023	undrilled
7	400024-701	Main Case Cover Assembly
8	Cap Screw, 7/16-14 x 1-3/16	
	40237-005	drilled
	40237-004	undrilled
9	4861-016	Gasket, Main Case
10	Gear Train - Complete	
	80905-013	116.87 reduction (600; 10liter)
	80905-017	43.5 reduction (600; US gal) - Large Spindle
11	42075-101	Measuring Chamber Complete with Piston
12	42792-000	Pin, Seal
13	42086-000	Roller, Control
14	42791-000	Diaphragm
15	Cap Screw, 3/8-016 x 1 hex hd	
	100071-025	drilled
	100071-024	undrilled
16	400021-701	Cover, Vapor Release
17	100139-012	Gasket, O-Ring
18	87188-001	Vapor Release Float Assembly

Ref. no	Part no.	Description
20	101752-001	Strainer Kit, 88 mm
20A	101738-701	Strainer, 14 x 88 mesh
20B	100139-041	O-Ring, 1/8" x 1" Buna
21	400027-701	Main Case Assembly
	100370-022	Pin, Measuring Chamber Locating
—	100028-001	Kit, Valve
22	601342-001	Piston, Differential Valve
23	100025-009	U Cup, Valve
24	100024-001	Spring
25	100139-007	O-Ring, Cover
26	100139-006	O-Ring, Sleeve Sealing
27	100027-003	Sleeve, Valve
28	400020-702	Cover, Differential Valve
29A	600057-000	Flange, Inlet or Outlet, 3/4" NPT
29B	600057-001	Flange, Inlet or Outlet, 1" NPT
30	Screw, 5/16-18 x 7/8 hex hd steel	
	100064-026	drilled
	100063-026	undrilled
31	100121-010	Lockwasher, 5/16 steel
—	100017-011	Tubing Kit, Vapor Release
32	87195-001	Elbow, Male 1/4-90° (Flared tube fitting)
33	87196-001	Tube Assy, Vapor Release
34	1001906	Thermometer Well
35	83732-000	Cover, Thermometer Well
36	**	Change Gears (give dia. and number of teeth)
37	100135-002	Connector, Male 1/4 (flared tube fitting)
38	84826-000	Connector, Male 3/8 Flared
39	138-031	Register CUP
40	100059-024	Screw, 1/4-20 Hex Head
41	400025-701	Strainer Cover Assy
42	100737-001	Sleeve, Screw
43	733-001	Screw, 10-32 x 3/8 fil hd.

**Call TEECO.



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1 Inch, LP-Gas Meters (cont'd)

Neptune 4D-MD LPG Meter with E:Count LT Electronic Register

C2 Ideal for dispensing LP-Gas into portable containers. The standard unit includes the base meter with a differential control valve, combination vapor eliminator/strainer, continuous bleed pressure relief valve, and tubing kit. The piston is treated with a special coating which protects it from damage by impurities and ensures smooth performance at low flows and high pressure.



RL100-50MAMMFS0

Part no.	Description
Class 1 Div 2 Remote Head	
RL100-10M0PMASM	4D-MD Meter with Mid:Com Register, Pulsar & Temp Comp
RL100-1080PMBSM	4D-MD Meter with Mid:Com Register & Pulsar - w/o Temp Comp
Class 1 Div 1 Attached Head	
RL100-50MAMMES0	4D-MD Meter with Mid:Com Register and Temp Comp
RL100-508AMMFS0	4D-MD Meter with Mid:Com Register - w/o Temp Comp

1 1/4 Inch, 1 1/2 Inch, LP-Gas Meters

Part no.	Description	Capacity
RL125-11RG0D1MS	1 1/4"-4D w/833 register	5-30 GPM
RL125-11RG0A1MS	1 1/4"-4D w/831 register	
RL125-21RG0D1MS	1 1/4"-4D w/833 register/ATC	
RL125-21RG0A1MS	1 1/4"-4D w/831 register/ATC	
RL150-11RG0D1MS	1 1/2"-4D w/833 register	12-60 GPM
RL150-21RG0D1MS	1 1/2"-4D w/833 register/ATC	
RL150-11RG0A1MS	1 1/2"-4D w/831 register	

For complete instructions, installation, operation, maintenance and parts manuals, visit www.neptuneflowmeter.com/rfp.htm



2 Inch, LP-Gas Meters

Neptune's 2" LPG meter is the worldwide standard for truck mounted metering. The aluminum body flowmeter comes complete and ready for installation. The 2" Type 4D MT meter for Liquefied Propane Gas features a flanged outlet with ductile iron companion flange for easy installation and removal. The 2" Type 4D MT is 33% lighter in weight than the old 2" Type 4D. Backed by Red Seal Measurement's 3 year / 3,000,000 gallon measuring chamber limited warranty. Available with or without Automatic Temperature Compensator.

Part no.	Description	Capacity
RL200-118BRG0D2MS	2"-4D w/833 register, US gallons	20-150 GPM
RL200-218BRG0D2MS	2"-4D w/833 register/ATC, US gallons	

For complete instructions, installation, operation, maintenance and parts manuals, visit www.neptuneflowmeter.com/rfp.htm



Registers

Smooth operating, low torque, high speed registers. Mechanical printer wheels produce clean sharp tickets. 5 digit delivery display, 8 digit totalizer, 4 digit preset wheel, 6 digit printing wheel. Easily mounted.

600 Series Registers

Part no.	Description
100498-009	Older version register with long shaft
100498-016	Newer version register with short shaft



800 Series Registers

Part no.	Description
880030-000	833-0 Direct reading for 1/4", 1/2", 2" meters, printer register
880010-000	831-0 Direct reading for 1/4", 1/2", 2" meters, reset register



E1000

The E1000 provides simple and secure registration with flexible features: Displays volume or flow rate. Reads in gallons, liters or barrels. Automatic reset. Six digit display. Power saving sleep mode. Configurable to three decimal places. Non-resettable totalizer. NEMA 4x Enclosure. Programmable time out between deliveries.



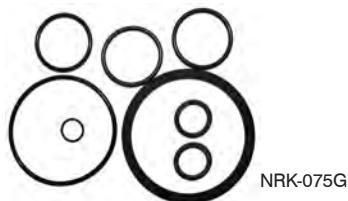
Part no.	Description
E1000	Base Electronic Register. Call Teeco to determine exact set of options desired
601016-000	Battery Pack for E1000

Register Exchange Program

Exchange old registers for new. TEECO offers you the opportunity to exchange an old register core for credit on a new rebuilt register. 600 Series offers a 1 year or 1,000,000 gallon warranty. 800 Series has a 1 year warranty. Credit issued upon receipt of core and purchase of rebuilt register. Call TEECO for prices and details.

Part no.	Model Exchange
631-XS	Exchange, short shaft register
631-XL	Exchange, long shaft register
831-X	Exchange, register
833-X	Exchange, register

Meter Field Service Kits



3/4" Field Service Kits

Part no.	Description
NRK-075G	Gasket kit; gaskets, O-rings, seal
NRK-075R	Repair kit; gasket kit plus measuring chamber

1/4" Field Service Kits

Part no.	Description
NRK-125G	Gasket kit; gaskets, O-rings, seals, pins, diaphragm
NRK-125R	Repair kit; gasket kit plus measuring chamber

1/2" Field Service Kits

Part no.	Description
NRK-150G	Gasket kit; gaskets, O-rings, seals, pins, diaphragm
NRK-150R	Repair kit; gasket kit plus measuring chamber

2" Field Service Kits

Part no.	Description
NRK-200G	Gasket kit; gaskets, O-rings, seals, pins, diaphragm
NRK-200R	Repair kit; gasket kit plus measuring chamber

Repair Parts



Part no.	Description
87185-000	88 mesh strainer, 3/4" meter
101433-704	80 mesh strainer, 1/2", 1/4" meter
101405-004	80 mesh strainer, 2" meter
100028-001	Aluminum Differential valve, 3/4" meter
L100028-011	Plastic Differential valve, 3/4" meter
1001569	Differential valve, 2"
1000624	Diaphragm differential, 1/4"
101738-001	80 mesh strainer, 1", 4D
4-CT	Seal Crimping Tool
4-RS	Replacement Seal

Measuring Chambers

Part no.	Description
C42075-101	LP-Gas, 3/4"
C43260-101	LP-Gas, 1/4"
C83271-101	LP-Gas, 1/2"
C45806-101	LP-Gas, 2"



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Liqua-Tech LP-Gas Flow Meters

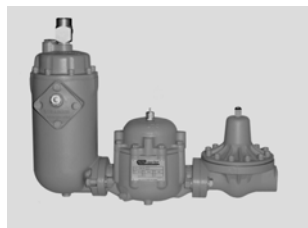
The LPM-102 is designed for retail sales dispensing units. The LPM-150 is designed for bobtail tank trucks and high-flow dispensing applications. The LPM-200 is for bobtail trucks and bulk plants, and utilizes a durable, all-ductile-iron housing for reliability, durability and years of low-maintenance use.

C4

Model	Rate of Flow (GPM)	Working Pressure	Register Capacity	Temperature Range	Connections
LPM-102	3-18	350 psi	9999.9	-10° F. to +125° F.	1" NPT
LPM-150	12 - 60	350 psi	9999.9	-10° F. to +125° F.	1 1/2" FPT
LPM-200	20-100	350 psi	9999.9	-10° F. to +125° F.	2"



LPM-102



LPM-150



LPM-200

Part no.	Description
L090028-101	LPM102 Meter with non-printing register
L090028-102	LPM102 Meter with printing register
L090028-105	LPM102 Meter with ATC, non-printing register
L090028-106	LPM102 Meter with ATC, printing register
L090041-101	LPM150 Meter with non-printing register
L090041-102	LPM150 Meter with printing register
L090042-101	LPM200 Meter with non-printing register
L090042-102	LPM200 Meter with printing register

Other configurations available. Please contact Teeco.

Veeder-Root Registers

Five figure reset totalizer and an eight-digit non-reset totalizer. Available in U.S. or imperial gallons, liters, quarts, cubic meters, barrels, pounds, etc. Large numeric counter and ticket printer

Part no.	Description
788700-002	Non-printing register
789002-002	Register with printer
324695-015	Crystal Lens



Register Exchange Program

Exchange old registers for new, model for model. TEECO offers you the opportunity to exchange an old Series register for the new Series register with the Veeder-Root Register exchange program. Call TEECO for details.

Part no.	Model Exchange
788700-002-X	Exchange 788700-002 Register
789002-002-X	Exchange 789002-002 Register

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Replacement Parts

Register Head Change Gears



Part no.	Description
L081230-018	.77 dia, 18T
L081230-019	.77 dia, 19T
L081230-020	.77 dia, 20T

Measuring Chambers

Part no.	Description
L042075-101	3/4" x 1" standard
L042075-501	3/4" Low Flow, Trac bearing
L043260-101	1 1/4" Types 4 and 4D
L083271-101	1 1/2" Types 4 and 4D
L045806-101	2" Types 4, 4D, E and 4E

Gear Trains

Part no.	Description
L080905-000	3/4" 174 LPG 106 register
L080905-012	3/4" 174 LPG 600 register
L080905-017	1" 43.5 LPG U.S. Gallons
L083501-000	1 1/4" 14.06 LPG U.S. gallons
L082710-054	1 1/4" 36.41 LPG liters
L084981-000	1 1/2" 9.375 LPG U.S. gallons
L083280-050	1 1/2" 9.648 refined U.S. gallons
L083280-052	1 1/2" 25.4184 LPG liters
L083502-000	2" 3.75 LPG U.S. gallons

MA Series LP-Gas Meters

Meters provide exceptionally accurate service when using Liquid Controls' unique positive displacement metering principle, even under variable operating conditions (changes in temperature, pressure and viscosity). Provides the energy efficient and functional performance desired from an economical volumetric measuring instrument. Available with traditional mechanical seal or glandless magnetic driven pulse output device. A wide range of accessories are available to meet almost every metering need.

- High accuracy and repeatability
- Low maintenance, no metal-to-metal contact in measuring chamber
- Aluminum materials of construction
- Self-contained operation without electrical power or signal conditioning (for units equipped with mechanical registers, printers or presets); no special piping requirements
- Electronic output and registration equipment where enhanced accuracy and electronic communications are needed
- Weights & Measures approval (world-wide) for custody transfer with mechanical or electronic registration systems meeting API standards
- Electronic accessories designed and approved to Class 1 Div. 2 standards



MA4CX10-LCR2-1



MA5KY10-LCR2-1



MA7CY10-LCR.1Q-1



MA15GY10-MECH-NP

Meter Series	Fitting Size	Maximum Nominal Flow Rate			Maximum Pressure		
	Inches	GPM	LPM	M3/H	PSI	BAR	kPa
MA-4	1	40	151	9	350	24	2,413
MA-5	1.5	60	227	14			
MA-7	2	100	378	23			
MA-15	3	200	756	45			

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MA-7 Series

C5

Model MA-7 Series Meters

For truck and bulk loading applications. 20-100 GPM capacity range. Includes register, vapor eliminator and strainer.



Model	Rate of Flow (GPM)	Working Pressure	Register Capacity	Temperature Compensation	Connections
MA-7	20 - 100	350 psi	9999.9	-30° F. to +120° F.	1½" (2" optional)

Part no.	Description
MA-7-CY-10	MA-7 w/differential valve, backcheck valve and TVC
MA-7-GY-10	MA-7 w/differential valve, backcheck valve and TVC, printing register

For complete instructions, installation, operation, maintenance and parts manuals, visit www.liquidcontrols.com/Publications/partsmanuals.html

See Pages C6-C7 for MA-7 Parts Breakdown

Meter Accessories

Temperature Volume Compensator

Automatically corrects registration to indicate volume at a selected base temperature (normally 60° F.)



Part no.	Description
D5120	Single product use, w/o bellows
D5120 WITH 25015	Temperature Compensator with 25015 Bellows

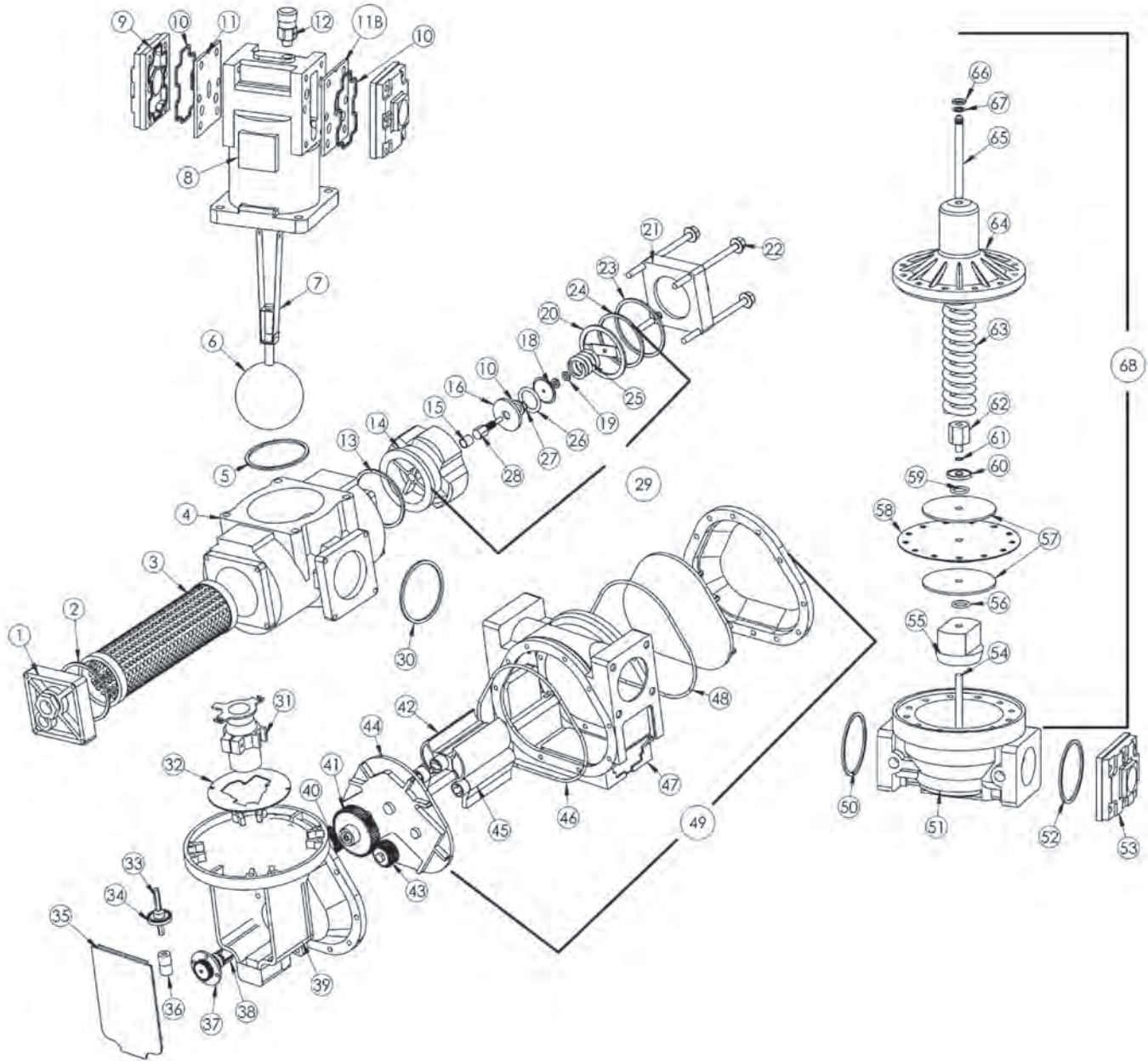
Note: D5120 Must be purchased with Bellows

Steel Hose for MA-7 Meters

Part no.	Description
81585	14" x 1/4" Steel Hose for MA-7 Meter
8158525	25" x 1/4" Steel Hose for MA-7 Meter

MA-7 Series Parts Breakdown

C6



Please see next page for parts list.

MA-7 Series Parts List

Ref. no	Part no.	Description
1	501155	Thermoweld Assembly
2	09338	"O" Ring (on meters after 2000)
	06844	"O" Ring (on meters before 2000)
3	A2431	Strainer Basket 80 Mesh - Standard
	A2432	Strainer Basket - 100 Mesh
	A2439	Strainer Basket - 200 Mesh
4	49425	Housing
5	09335	"O" Ring
6	501040	Float & Reed Assembly
7	501024	Valve Reeds
8	49672	Housing
9	48329	Outlet Cover
10	42823	Seal Ring
11	42824	Valve Plate
11B	42822	Valve Plate
12	3127U	Relief Valve
13	06854	"O" Ring
14	47973	Check Valve Housing (on meters after 12/91)
	47994	Check Valve Housing (on meters before 12/91)
15	07867	Bushing
16	47975	Piston
17	09140	"O" Ring
18	47974	Retainer
19	09143	Self Locking Nuts
20	48337	Valve Spring Holder
21	A2283	Flange
22	09134	.375-16 x 4 1/4" Bolts
23	07838	"O" Ring
24	09137	Spiral Retaining Spring
25	09138	Compression Spring
26	09131	"O" Ring
27	47295	Spacer
28	NOT SOLD	Valve Stem
29	A2885	Back Check Valve (on meters after 12/91)
	A2883	Back Check Valve (on meters before 12/91)
30	06854	"O" Ring
31	49403	Adjuster Assembly
32	48479	Adjuster Mounting Plate
33	48287	Shaft Adjuster
34	40122	Face Gear
35	49390	Adjuster Plate Cover
36	417862	Bushing Shaft Drive (2)
37	48283	Pinion Gear 1:1, PM, 24-TOOTH, SS,-Standard

Ref. no	Part no.	Description
38	49561	Packing Gland Includes 48283LC Pinion Gear
39	49582	Counter Adapter Bracket
40	48756	Packing Gland Driver
41	48927	Blocking Rotor Gear
42	48927	Blocking Assembly Rotor
43	47647	Pinion Gear (2)
44	48301	Front Cover
	48302	Rear Cover
45	48928	Displacement Rotor Assembly
46	06850	"O" Ring
47	494451	Housing
48	09258	"O" Ring
49	L2321	Meter Element (MA7)
50	07838	"O" Ring
51	47096	Valve Housing Assembly
52	07838	"O" Ring
53	A2188	1 1/2" Steel Weld
	A2289	2" Steel Weld
54	NOT SOLD	Part of #51
55	49947	Piston
56	06856	"O" Ring
57	47308	Back-Up Plate (2)
58	502078	Diaphragm
59	07900	"O" Ring
60	47307	Spring Retainer
61	06070	Lock Washer
62	47309	Stand Off
63	47305	Compression Spring
64	47302	Valve Cover
65	47098	Rod Assembly
66	06055	Nut
67	06663	Flat Washer
68	A2843	Complete Valve Assembly

Additional Parts

Part no.	Description
81527	3-Way Solenoid Valve
E403011	Lap Pad for LCR11
825001	Power Supply for Printer
81585	14" SS Hose
8158525	25" SS Hose
D5120 WITH 25015	Temp Comp w/Bellows
8135	Hex Head Screw, Drilled
7405	Hex Head Screw, Not Drilled

C7

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American Meter

C8

Residential Meter- Propane 165 CFH at a maximum working pressure 5 psig. Die-cast aluminum alloy construction. Available with temperature compensation to accurately and automatically provide index readings in standard units of measurements at 60°F. base temperature for ambient temperature from -30°F. to + 140°F. Maximum BTU rating is 404,000.



To find LPG CFH from natural gas CFH, multiply by 0.66.

Part no.	Description
AM-250	165 CFH, 3/4" side inlet/outlet F.NPT connections, non-compensated, 1/2" drop
AM-250-TC	165 CFH, 3/4" side inlet/outlet F.NPT connections, temperature compensated

Metris Metering Systems

Metris Residential Meter - Propane

250 CFH at maximum working pressure 5 psig. Temperature compensation standard. 3/4" or 1" Female NPT.

More compact and 20% lighter than traditional meters. Square base and lower weight provide for stability and reduced shipping costs. Compatible with all AMR manufacturers.



Part no.	Description
METRIS250-TC	250 CFH, 3/4" or 1" inlet/outlet F.NPT connections, temperature compensated
METRIS250-KIT	Fittings kit

To find LPG CFH from natural gas CFH, multiply by 0.66.

Scales

Fairbanks Portable Beam Scales

Large 18" x 27" platform and 1,000 pound capacity. Meets or exceeds National Bureau of Standards Handbook 44 requirements for commercial accuracy.



Part no.	Description
41-3132	Portable beam scale, 1,000 lb. capacity

Detecto Platform Bench Scales

Construction is sturdy and durable, finish is smooth and will remain mar-resistant even after years of rugged use. Beams are easy to read. Platform measures 10½" x 14½", height 27", 350 lbs. capacity.



Part no.	Description
4520-350	350 lb. capacity

Barrier Posts and Rails

Guard Posts (Bollards) and Rails are used to protect meter sets and/or regular stations from vehicular traffic. Standard light and medium duty configurations are available as well as customer specified designs.

Features

- All steel fabricated products are manufactured in a high volume, high quality production process utilizing state-of-the-art manufacturing equipment and environmentally controlled electrostatic polyester powder coating systems.
- Quality inspected and either meet or exceed all industry specifications
- All products manufactured in an ISO 9001 certified facility.



Please call Teeco for part numbers and pricing.

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TEECO Style LPG Dispensers

TEECO LPG dispensers feature a new aluminum diamond plated cabinet. Hinged top and front panels permit easy access to components. Top folds down. Cabinet locks securely in closed position. Standard equipment on all models includes: Corken or Smith pump, Neptune 1" meter and 600 series register, RegO pull-away valve, 15½' LPG hose w/ hose-end valve and 1¼" ACME fill connector and automatic bypass valve.

Part no.	Dispenser Style	Pump	Meter
TDM-1	New Generation Teeco Style Diamond Plate Aluminum	Corken C12 Pump	1" Neptune Meter w/600 head
TDM-2		Smith ECH-M5B 1" Pump	
TDM-3		Blackmer LGF1-PC 1" Pump	
TDM-6		Smith EG1-M1-3B 3/4" Pump	
TDM-6GC		Smith GC-1LZ Pump & Motor	
TDM-7		Smith DW1-M1-3B 3/4" Pump	
Options			
ATC	Temperature Compensator		
MID COM	MidCom Electronic Register		
MID COM-ATC	MidCom Electronic Register w/ATC		



D1

PACA LPG Dispensers

PACA Dispensers come complete and ready to use with pump and motor, valving, interconnecting piping, wired to code and fully tested. Highest quality materials, professional workmanship. Galvanized steel cabinet. Standard equipment includes 1" meter and register, pull away valve, 15' - 3/4" LPG hose with hose-end valve and 1¼" ACME fill connector. Corken or Smith pump.

Part no.	Pump	Meter	GPM
PDM-1	Corken C12 Pump	1" Neptune Meter w/600 head	8-14
PDM-2	Smith ECH-M5B 1" Pump		8-14
PDM-3	Blackmer LGF1-PC 1" Pump		8-12
PDM-6	Smith EG1-M1-3B 3/4" Pump		3-8
PDM-6GC	Smith GC-1LZ Pump & Motor		13
PDM-7	Smith DW1-M1-3B Pump		3-8
Options			
ATC	Temperature Compensator		
MID COM	MidCom Electronic Register		
MID COM-ATC	MidCom Electronic Register w/ATC		



PACA Dispenser Parts

Part no.	Description
4876-82X	PACA Door Latch Assembly w/key, rods, latch and guides (for PDM Series only)
PLD-1R	Reinforced PACA Lower Door (for PDM Series only)
EM-510	Key and Cylinder only

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D1

Rev 8/20

LDM Series Dispensers

The LDM (Large Dispensing Module) Series Cabinet Comes Standard With:

D2

- Diamond Plated Double-Door Aluminum Cabinet (42" Wide x 42" Deep x 52" High), comes with Locking Rods, T-Latch for extra security and Safety Shock for both doors and lid to protect against wind and elements
- Powder-coated Heavy-Duty Steel Support Base
- Pump of choice
- Neptune-Red Seal 4DMD 1" Meter w/ Model 600 Mechanical Register
- Parker 15' Delivery Hose
- RegO A2141A6 Pull-away protection
- RegO 7554LV Quick-Acting Valve and ACME Adapter.

The extra-large cabinet is large enough to hold a scale, tools, various filling adapters and safety equipment. (sold separately)



LDM-1P Dispenser
Shown with Scale (not included)
See Section C for Scales



Fully Enclosable to Protect Equipment from the Elements

Part no.	Description	Pump
LDM-1	Extra Large Dispenser, Aluminum Cabinet	Corken C12
LDM-1P*		Corken C12
LDM-2		Smith 1"
LDM-3		Blackmer
LDM-6		Smith 3/4"
LDM-6GC		Smith GC-1LZ

* LDM-1P is set up to vapor purge cylinders

PACA LPG Dispenser Plates

Same specifications as PACA's LPG dispenser modules, less the steel cabinet.

Part no.	Description
1	LPG dispenser plate w/Smith EG1-M1-3B 3/4" Pump
1GC	LPG dispenser plate w/Smith GC-1LZ Pump & Motor
1M	LPG dispenser plate w/Smith EG1-M1-3B & Neptune 1" Meter w/600 head
2	LPG dispenser plate w/Smith ECH-M5B 1" Pump
2M	LPG dispenser plate w/Smith ECH-M5B 1" Pump & Neptune 1" Meter w/600 head
3	LPG dispenser plate w/Blackmer LGFIPC 1" Pump
3M	LPG dispenser plate w/Blackmer LGFIPC 1" Pump & Neptune 1" meter w/600 head
6	LPG dispenser plate w/C10 Corken pump
7	LPG dispenser plate w/C12 Corken pump



Parts

Part no.	Description
HOSE STAND	Hose Hanger for Dispenser Plates
LOCK BOXES	Lock Box for Hose End Nozzle

LOCK BOXES



HOSE STAND



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

D2

Rev 8/20

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

AutoGas Dispensers

AutoGas Dispensers feature: Tri-Pod break-away/shear valve. Explosion-proof electric solenoid valve. Pulse out to communicate with a fuel management system. Custom graphics (customer to provide graphics in an Adobe Illustrator format). Stainless steel panels. Hose retractor with hose support. All units are test pumped and calibrated prior to shipment. Hose, pullaway and fill nozzle sold separately. NTEP Certified.

IPS-9899KX Commercial Single Side Load Dispenser

Features Liquid Controls MA4 5-40 GPM electronic temperature compensated meter.

IPS-9899KXD Dual Commercial Side Load Dispenser

Features: Dual side loading (hose connections on both sides of the unit for filling 2 vehicles at a time) and Dual Liquid Controls MA4 5-40 GPM electronic Temperature compensated meters.

Part no.	Capacity
IPS-9899KX	Commercial Single Side Load Dispenser
IPS-9899KXD	Dual Commercial Side Load Dispenser



IPS-9899KX



IPS-9899KXD

D3

Atlas Prime Dispensers

All units test pumped & calibrated prior to shipment. Features: 4.3" Multimedia color display & full, alphanumeric 40-key keyboard. Horizontal insert magnetic card reader for fuel and fleet cards. Pump Authorization capable of: PIN, ID cards & MiFare cards or tags. Two-stage authorization option for validation of driver & vehicle. Built-in wireless gateway for wireless ID system. Pulse out to communicate with a fuel management system. Liquid Controls MA4 5-40 GPM electronic temperature compensated meter. Tri-pod break-away valve, explosion-proof electric solenoid valve, hose retractor & post. Stainless steel panels w/custom graphics

Part no.	Capacity
IPS-9899KXZ-PKG	Commercial Single Front Load Dispenser w/PRIME Option and Receipt Printer (A)
IPS-9899KXZD-PKG	Commercial Dual Front Load Dispenser w/PRIME Option and Receipt Printer



Atlas Prime Additional Options

Part no.	Capacity
FHO-1	Fleet Head Office Software (Single Site) w/(1) year software support
FHO-5	Fleet Head Office Software (1-5 Sites) w/(1) year software support
M09679B004	MI Fare Cards - White (Each) - Numbered
M09679B00_(1/2/7)	MI Fare Tags (Box of 10) - Specify Blue, Red or Black
SWS	Annual Software Support Plan for the PRIME from Gilbarco
CSU	PRIME Controller Start Up Assistance from Gilbarco - Required**
DLA	Data Loading Assistance from Gilbarco- Required **

**CSU & DLA from Gilbarco are included with the purchase of any Fleet Head Office software.

Fuel Management System

Fuelmaster saves your company money by eliminating manual tracking of fuel transactions and increasing accountability. Its rugged construction and modular design ensure durability and ease of maintenance. A service life of 15 years or more can be expected.

Alternative Fuels Fuelmaster is a leader in the alternative fuels area. It can control and measure any liquid or gaseous fuel.

Preventative Maintenance Alert & MPG Based on odometer/hour readings, the Fuelmaster system calculates vehicle efficiency and fuel consumption and alerts the driver and supervisor to maintenance requirements.

Expandability The Fuelmaster system may be expanded to control an almost limitless number of fueling sites. Each site consists of a master unit with up to eight satellites.

Part no.	Description
FMU-2500PLUS	Fuelmaster Unit



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

D3

Rev 8/20

PACA Tank Package

Complete 500 or 1000 gallon tank packages, with ASME tank, leg kit and tank fitting kit. Just add the TEECO or PACA dispenser module of your choice. All dispensing fittings are located at one end, far from gauges, fill and relief fittings. Calibrated, assembled and tested. Tanks, leg kits and fitting kits are also available separately. Veeder Root head available at no additional charge.

D4

Part no.	Description
PDP-500*	500 gallon tank, leg kit, fittings & installation
PDP-1000*	1000 gallon tank, leg kit, fittings & installation
PDP-500 LESS TANK*	Leg kit, fittings and installation to customer's tank
PDP-1000 LESS TANK*	Leg kit, fittings and installation to customer's tank
SMK-1	Option: Side mount kit



* Does not include dispenser. Please add dispenser of choice for correct price.

Dispenser Tank Leg Kit

Tank leg kit for dispensers raises tank approximately 11 inches. Available with or without runners. Galvanizing for leg kits optional.

Part no.	Description
PFK-1-C	Dispenser fitting kit with crimped hose
LK-1	Leg stands only (set)
LK-1P	Leg stands only - Powdercoated White (set)
LK-12	12' Runners only for 500 gallon tank (set)
LK-12P	12' Runners only for 500 gallon tank - Powdercoated White (set)
LK-18	18' Runners only for 1000 gallon tank (set)
LK-18P	18' Runners only for 1000 gallon tank - Powdercoated White (set)
LK-20	20' Runners only for 1000 gallon tank with extra large cabinet (set)
LK-20P	20' Runners only for 1000 gallon tank with extra large cabinet - Powdercoated White (set)



Nozzles

For filling mobile and stationary LPG Tanks where a 1 $\frac{3}{4}$ " ACME Adapter is used. The ZVG2 Nozzle offers easy one-handed operation, enhanced safety features and very low gas release upon uncoupling. The GG20S Gasguard Nozzle is designed to reach deeper positioned filler adapters, such as storage cylinders, forklift cylinders and recreational vehicles. GG20DNS Gasguard Nozzle is suited for refueling of passenger vehicles by untrained personnel. Perfect for AutoGas Applications. A very small volume of product released to atmosphere on completion of filling operations. A filter is incorporated in the nozzle to protect the nozzle's valve seat from the effects of foreign matter flowing with the LP-Gas.



Part no.	Capacity
ZVG2	Gasguard Nozzle - Euro style, UL Listed
GG20S	Gasguard Nozzle w/Strainer - for hard to reach fills
GG20SL	Gasguard Nozzle w/Strainer and Latch
GG20DNS	Gasguard Nozzle - for refueling passenger vehicles
NB-GG	Nozzle Boot - fits Gasguard nozzles GG1ES, GG1DNS, GG20S and GG30S
10-1110-805	Latch

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D4

Rev 8/20

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(800) 225-6621

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420# Gravity Fill Liquid Transfer

Teeco's answer to the problem faced with smaller forklift accounts where cylinder exchange will not work and gravity fill is a necessity. Helps void conflicts with local codes and fire departments. Comply with safe handling requirements in a cost effective way for you and your customer.

Includes: 420# ASME Tank from Worthington Cylinders with Extended Foot Ring and 1 1/4" Liquid Bottom Outlet • 1 1/4" RegO A3209D050 Internal Valve • Pull Handle w/ Fuse Link • RegO A2141A6L Pull Away Valve • 15' - 3/4" Delivery Hose • RegO A7793A Quick Acting Minimum Loss Hose End Valve



Part no.	Description
WL-420	Gravity Fill Liquid Transfer System
327581	420# ASME Tank only (w/extended foot ring and 1 1/4" Liquid Bottom Outlet)

420# Worthington Cylinder w/Krug Hand Pump

With new low emission regulations, sometimes gravity filling isn't possible. Teeco has combined the convenience and efficiency of our 420 Gravity Fill with the added power of a Krug Hand Pump.

Includes: 420# ASME Tank from Worthington Cylinders with Extended Foot Ring and 1 1/4" Liquid Bottom Outlet • 1 1/4" RegO A3209D050 Internal Valve • Pull Handle w/ Fuse Link • RegO A2141A6L Pull Away Valve • 15' - 3/4" Delivery Hose • RegO 7554LV w/ A7575L3 • Krug 315 Hand Pump



D5

Part no.	Capacity
KRUG420	420# Worthington Cylinder fitted w/Krug 315 Hand Pump

Misc. Dispenser Replacement Parts

Part no.	Description
LGF1PE-PO-F/BRK	Blackmer Pump with Foot Mount
VL5024A	Balador 1.5HP Motor
41-AD205	Adapter - ACME Dispensing Nozzle to European Filler Valve
41-AD206	Adapter - Staublie Dispensing Nozzle to ACME Filler Valve
32668	Hose Retractor
M0582K002	Support Post for Hose Retractor



41-AD205



41-AD206

Methanol & Injectors

TMI Methanol Injectors

The TMI series methanol injectors allow simple, efficient and inexpensive injection of anhydrous alcohol (methanol) into LP-Gas storage tanks, and allows methanol injection to be done at the same time as tank filling. The methanol is carried into the tank along with the fuel, reducing the number of separate procedures required and eliminating time-consuming hand pumping.

Pressure tested to 500 psi, the TMI is durable and long lasting. Two models are available. The TMI-1QL is fitted for liquid phase injection, while the TMI-1QV is fitted for vapor phase.

Part no.	Capacity	Weight	Dimensions
TMI-1QL	32 oz.	12 lbs.	4" x 16 3/4"
TMI-1QV	32 oz.	11 lbs.	4" x 15 1/4"

TMI-1QV



TMI-1QL



Methanol

99.85% pure absolute anhydrous alcohol. For neutralizing moisture in ASME LP-Gas storage tanks. Use a minimum of 1 pint per 100 gallons of water capacity of the container.

Part no.	Description
1G-M	Methanol, 1 gallon bottle
5G-M	Methanol, 5 gallon pail
30G-M	Methanol, 30 gallon drum
55G-M	Methanol, 55 gallon drum



Important: Due to DHS regulations, we are not able to ship Methanol by common carrier (such as UPS). It must be picked up at a Teeco location or shipped freight.

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D5

Rev 8/20

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Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

LP-Gas Filters

Blue Moon® Filters

Blue Moon® is a multi-stage filter system that extracts 90-97% of impurities from LP-Gas. This filter eliminates heavies and particulates (sulfur, metal flake, etc.), protecting fuel injectors and precision components, saving on replacement parts and repairs.

Part no.	Description	Flow Rate	Capacity	Working Pressure
Filters (w/Cartridge)				
FST-42NS	Filter, 3/8" Manifold	15 gpm	1,500 gallons	150 psi
FST-634NS	Filter, 1" Manifold	50 gpm	250,000 gallons	350 psi
FST-124NS	Filter, 2" Manifold	65 - 85 gpm	500,000 gallons	350 psi

Replacement Cartridges

FST-RF2NS	Replacement Cartridge for FST-42
FST-RF6NS	Replacement Cartridge for FST-634NS
FST-RF4NS	Replacement Cartridge for FST-124NS



D6

Lumin™ LP-Gas Filters

UL Certified Lumin Filtration units set a higher standard for LP Gas filtration systems. Up to 99.5% efficiency virtually eliminates all but the smallest contaminants to provide a cleaner burn, promoting maximum fuel efficiencies and reduced maintenance and replacement costs for critical components. Coupled with continuous use of Lumin LP Gas Additives with CH25X™ technology provides the ultimate premium LP Gas fuel system.

Part no.	Description	Flow Rate Min - Max
Filters (w/Cartridge)		
LUM2H	Lumin Filter, 2" Manifold	66 - 130 gpm
LUM1H	Lumin Filter, 1" Manifold	35 - 137 gpm
LUM38H	Lumin Filter, 3/8" Manifold	10 - 35 gpm
Replacement Cartridges		
LUM2E	2" Replaceable Cartridge for LUM2H	
LUM1E	1" Replaceable Cartridge for LUM1H	
LUM38E	3/8" Replaceable Cartridge for LUM38H	



Lumin LP-Gas Additives

PREMIUM LPG PRODUCTS: Lumin™ with CH25X™ technology offers 3 uniquely enhanced propane products that provide the ability to market premium propane and are formulated to deliver strategic advantages to customers in manufacturing, fabricating, agriculture, cutting, welding and green fleet operations.

CGX-4® with CH25X™ Technology

Provides patented detergent and stabilizing technology to reduce heavy end buildup and improve combustion. Solutions for propane powered motor equipment (trucks, cars, forklifts, lawn care, boats, including AutoGas stations).

HGX-3® with CH25X™ Technology

Promotes rapid heat transfer, faster cutting, reduced slag formation and a safer work environment. Alternative solution to acetylene and propylene for cutting applications.

VAPO-KLEEN™ with CH25X™ Technology

Removes deposits, reduces emissions and helps keep tanks and industrial equipment clean and maintenance free. Solutions for propane powered stationary equipment (grain dryers, pumps, agricultural units and industrial heaters).

Part no.	Description
CGX-4 5 GALLON	Premium Propane Additive, 5 gallons (2 x 2.5 gallon jugs)
CGX-4 55 GALLON	Premium Propane Additive, 55 gallon drum
VAPOKLEEN 5 GALLON	High Performance Premium Propane Additive, 5 gallons (2 x 2.5 gallon jugs)
VAPOKLEEN 55 DRUM	High Performance Premium Propane Additive, 55 gallon drum
HGX-3 5 GALLON	High Performance Hot Gas - Premium Cutting, 5 gallons (2 x 2.5 gallon jugs)
HGX-3 55 GALLON	High Performance Hot Gas - Premium Cutting, 55 gallon drum



Lumin®, CGX-4®, HGX-3® & Vapo-Kleen™ are trademarks of ValvTect Petroleum Products. CH25X™ is a Trademark of Guardian Protection Products, Inc.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

D6

Rev 8/20

Algas-SDI Tank Heater

The SECOND SUN™ flameless gas powered propane tank heater can help increase vaporization without needing to modify your piping system. It requires no electricity so it can be located off grid. Installs in minutes.

It operates based on tank pressure and utilizes an adjustable operating pressure switch with a range of 55-100 psi. When the pressure in the storage tank falls below the operating switch set point the heater will cycle on providing heat into the liquid stored in the tank. When the pressure requirement is satisfied, the tank heater reverts to a standby mode. An integral 12V DC heater is used to initially start the SECOND SUN™. After being started, the power source is no longer required.

D7

Applications

- Boost pressure in the LPG storage tank
- Increase tank vaporization
- Replace a liquid pump in a vaporizer application
- Boost pressure in a storage tank that has been over-drawn and refrigerated
- Keep snow from building up around tank to maintain winter access



Second Sun Tank Heater, shown with tank (not included)

Why The SECOND SUN™?

- No Flame - no source of ignition!
- Gas powered - utilizes propane vapor from the storage tank for operation of the heater and monitoring controls
- Catalytic Heater - low temperature radiant heat will not overheat or harm the tank surface
- Self contained, off-grid operation
- Adds 500,000 - 2.2 mm btu/hr of vaporization (depending on model)
- Designed to fit a variety of tank sizes
- Simple, 2 person install. Easy to remove for tank and heater inspection
- Meets hazardous location requirements
- Heating System approved by Factory Mutual

Part no.	Description	Dimensions	Weight
SS30P	2,200,000 btu/hr* fits 1,000 - 12,000 gallon tanks	84L x 24W x 20H	225 lbs
SS10P	500,000 btu/hr* fits 250 - 3,900 gallon tanks	42L x 21W x 12H	65 lbs

* On top of normal vaporization

Heavy Ends Trap for Vaporizers

This device is designed to attach to a vaporizer, to trap heavy hydrocarbons commonly present in LP Gas vapors.

Vaporizers tend to crack from the debris or heavy ends found in LP-Gas. These residual heavy end impurities are trapped in the vaporizer and fall to the bottom. But with the installation of a 3/4" valve (not included) and the PHET-1 Heavy Ends Trap, these impurities can be removed.

The unit comes with 2"NPT inlet and outlet. The drain is 3/4" NPT, and the unit is welded and tested at 350 PSI.



Part no.	Description
PHET-1	Heavy Ends Trap for Vaporizers

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Algas-SDI Electric Vaporizers

TORREXX

The TORREXX Electric Vaporizer is a single core, dry electric vaporizer that is self contained and requires no additional remote mounted controls for operation. With no start/stop switches when power is applied the TORREXX is ready for full load operation in less than 60 seconds from a cold start.

D8

- New Liqui-SAFE valve positively prevents liquid carry-over and provides visual indication of high liquid level when tripped
- Greater reliability through simplified and more robust controls
- Controls are mounted on a rigid anodized aluminum plate and the components of the control board can be replaced independently of the other components
- No start/stop switches
- Auto restart standard on all models

TORREXX LPG Electric Vaporizer - Class I, Division I, Group D - Explosion Proof



TORREXX Accessories

Part no.	Description
41051	Economy Valve
36923	Valve and Strainer Package
20437	TX Stand
1501-5016	Pipe-away Adapter
82103	Drain Valve Kit - Factory Installed
41113	Drain Valve Kit - Field Installed

Series	Part Number	Voltage/Phase
TX25 Series - 12.5 GPH / 25 Kg/hr	TX25T1	208V / 1 Ph
	TX25U1	220V / 1 Ph
	TX25V1	240V / 1 Ph
TX50 Series - 25 GPH / 50Kg/hr	TX50T1	208V / 1 Ph
	TX50U1	220V / 1 Ph
	TX50V1	240V / 1 Ph
	TX50T3	208V / 3 Ph
	TX50U3	220V / 3 Ph
	TX50V3	240V / 3 Ph
	TX50W3	380V / 3 Ph
	TX50D3	400V / 3 Ph
	TX50X3	415V / 3 Ph
TX100 Series - 50 GPH / 100Kg/hr	TX100T1	208V / 1 Ph
	TX100U1	220V / 1 Ph
	TX100V1	240V / 1 Ph
	TX100T3	208V / 3 Ph
	TX100U3	220V / 3 Ph
	TX100V3	240V / 3 Ph
	TX100W3	380V / 3 Ph
	TX100D3	400V / 3 Ph
	TX100X3	415V / 3 Ph
	TX100Y3	440V / 3 Ph
TX100Z3	480V / 3 Ph	
TX160 Series - 80 GPH / 160Kg/hr*	TX160T3	208V / 3 Ph
	TX160U3	220V / 3 Ph
	TX160V3	240V / 3 Ph
	TX160W3	380V / 3 Ph
	TX160D3	400V / 3 Ph
	TX160X3	415V / 3 Ph
	TX160Y3	440V / 3 Ph
	TX160Z3	480V / 3 Ph
TX240 Series - 120 GPH / 240Kg/hr	TX240W3H	380V / 3 Ph
	TX240D3H	400V / 3 Ph
	TX240X3H	415V / 3 Ph
	TX240Y3H	440V / 3 Ph
	TX240Z3H	480V / 3 Ph
TX320 Series - 160 GPH / 320Kg/hr	TX320W3H	380V / 3 Ph
	TX320D3H	400V / 3 Ph
	TX320X3H	415V / 3 Ph
	TX320Y3H	440V / 3 Ph
	TX320Z3H	480V / 3 Ph
	TX320M3H	575V / 3 Ph

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D8

Rev 8/20

Algas-SDI Electric Vaporizers

The New Zimmer™ is the most hassle-free, easy-to-use vaporizer on the market. It offers a compact, affordable, energy-efficient design and requires virtually no maintenance.



The Most Reliable and Trouble-Free Vaporizer Available

- Energy-Efficient, Self-Modulating Heaters - Only Uses the Required Energy
- Removeable End Caps Provide Easy Access to Maintainable Components
- Removeable Plugs Enable Users to Clean Vaporizer's Internal Tubes
- Dry-Electric Design - No Water, No Glycol to Maintain
- Aluminum Construction - Corrosion Free
- Easy to Install - Multiple Mounting Options
- Start-up in less than 60 seconds - LPG vapor when you need it!



D9

Part No.	Description	Rated Capacity*	Shipping Dimensions & Weight
Z40P-V1-R3	Zimmer LPG Vaporizer	20 gph 1,800,000 btu	34"L x 11"H x 14"W 55 lbs

ZIMMER requires the use of a High In-Rush Type D or Type J circuit breaker

* Apply 25% de-rate to capacity when 115/120 VAC electrical service is used.

Zimmer Optional Accessories

Part no.	Description
80885	Wall Mount Kit
80892	Strainer & Piping Kit for Wall Mount
80890	Regulator & Gauge for Wall Mount
80887	Tank Mount Kit
80888	Tank Mount Piping Kit
82288	Filt-EZE™ Contaminant Separator
80770	Drain Valve Kit
40835	End Cap Latch Kit

Algas-SDI Direct Fired LPG Vaporizers

Direct fired, with mechanical controls. Steady, uniform gas supply over a broad temperature range. 3/4" inlet. Two-connection installation with no vapor line, no complicated leveling. Quick access to controls. Wind and debris-proof construction. Baffled vaporizer shell for efficient heat transfer. Over load and double anti-flood protection. Includes integrated thermostat and 9 VDC re-ignitor. Includes liquid line strainer. Built to ASME Code; UL listed.

Part no.	Capacity
40/40H	Gas-fired vaporizer, 40 GPH capacity
80/40H	Gas-fired vaporizer, 80 GPH capacity
120/60H	Gas-fired vaporizer, 120 GPH capacity
160H	Gas-fired vaporizer, 160 GPH capacity
320H	Gas-fired vaporizer, 320 GPH capacity
480H	Gas-fired vaporizer, 480 GPH capacity
640H	Gas-fired vaporizer, 640 GPH capacity
800H	Gas-fired vaporizer, 800 GPH capacity

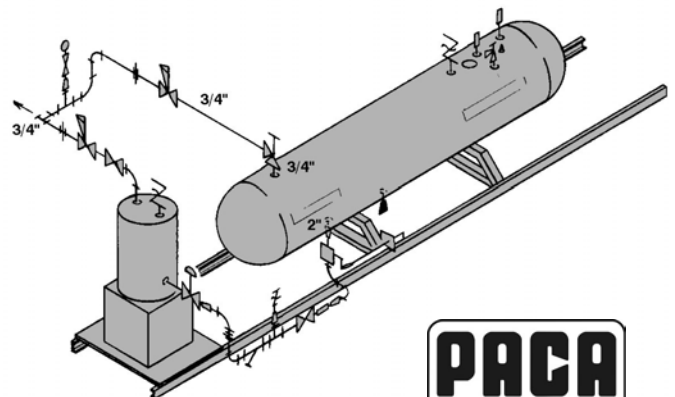


Vaporizer Packages

TEECO offers a pre-plumbed vaporizer package that includes a 1,000 gallon LP-Gas tank and Algas-SDI Vaporizer on a leg kit.

All plumbing and first stage regulator are included. Just set in position and make the necessary connections. Available options include auto restart, an alphanumeric annunciator, economy operation kit, over pressure protection, and a liquid pump with automatic start.

Please contact your TEECO sales representative or local warehouse for additional information.



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D9

Rev 8/20

Propane Tank Evacuator

The VENTUR-EVAC is designed FOR the propane industry BY propane people. Evacuating a propane tank has never been easier. Welded steel construction and weighing only 6 pounds, the VENTUR-EVAC is highly portable and easy to carry. The light-weight design and ease of use will render current evacuation methods obsolete.

Reduce Labor Costs: Tank evacuations can now be performed by your delivery drivers while they are on their routes. By carrying the VENTUR-EVAC in the tool box of your bulk truck, additional service personnel are not required.

D10

Tank Overfills: Immediately remedy overfills by connecting the VENTUR-EVAC to remove excess gallons. No more calling back to the shop to dispatch service personnel for costly pump outs or flare offs. **Gauge or Valve Repairs:** Efficiently evacuate propane into the bulk truck for valve or gauge repairs. Accomplish this task with your drivers while making deliveries.

Tank Setting: Keep your two man tank setting crew on the move by utilizing the bulk truck to evacuate the current tank and filling the new tank set.

Temporary Sets/Construction: When the time comes to pick up temporary tank sets, they will undoubtedly have too much propane remaining in the tank to transport. Dispatch one bulk truck and one driver to evacuate all of the temporary tanks to ready them for transport.

Excess Flow: The VENTUR-EVAC will not activate the excess flow valve.

Backcheck Valve: A backcheck valve stuck in the closed position can be remedied in seconds. Closing one ball valve reverses the flow of liquid, immediately unseating the backcheck valve. Current methods require costly disconnecting, and reconnecting to unseat.



Part No.	Description
VENTUR-EVAC	Propane Tank Evacuator

Tank Accessories

Bulkhead

Vertical fitting orientation. Removable center section. 8 bolts/15 reinforcing bars. Two side rails and center section supplied.

Part no.	Description
PBH-2V	Bulkhead, two-hole, 2" and/or 1 1/4" pipe
PBH-3V	Bulkhead, three-hole, 2" and/or 1 1/4" pipe
PBH-4V	Bulkhead, four-hole, 2" and/or 1 1/4" pipe

Relief Stacks

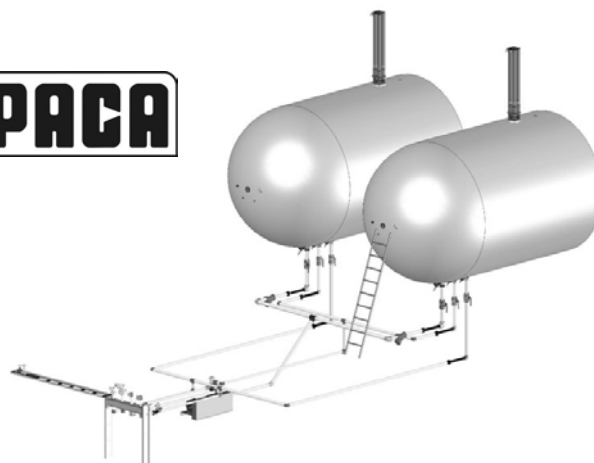
3 1/2' tubing welded to 3" pipe. Powder coated.

Part no.	Description
PRS-7	Relief stack, 7' length, with breakaway and rain cap.
PRS-6-M	6' Relief stack for multi-valve relief
27-350Z	Relief stack rain cap

Steel Ladder

10 feet long, 18 inches wide. Nine steps.

Part no.	Description
PTL	Steel ladder



Hose Tray

Part no.	Description
PHT-1	10' Hose Tray

LP-Gas Cylinder Storage Cabinets

American Standard Cylinder Storage Cabinets

Door Versatility: Zero clearance sliding door. Reversible Doors. Optional Double Doors

Signage: 20 lb Cylinder Cabinets include Propane Exchange Station, No Smoking, Exchange Checklist and 2-4-0 OSHA Diamond signage. Forklift Cylinder Cabinets include Propane, No Smoking and 2-4-0 OSHA Diamond signage.

Options: Lock Cover available (for aluminum cabinets only). Easy to install



Cabinets are available Assembled or Unassembled. Models shown below are Assembled. For Unassembled cabinets, change the suffix from ACA to CA. Ex: ALB04202SSCA

Part no.	Description	Cylinder Capacity
ALB04202SSACA	Aluminum 20 lb Cylinder Cabinet 30.5w x 30d x 35h	4
LB04202SSACA	Steel 20 lb Cylinder Cabinet 30.5w x 30d x 35h	4
AFH09303MSACA	Aluminum Forklift Cylinder Cabinet 44w x 39d x 50h	9
AFH09302MSACA	Aluminum Forklift Cylinder Cabinet (sr) 44w x 30d x 53h	9
FH09303MSACA	Steel Forklift Cylinder Cabinet 44w x 39d x 53h	9
AFH12302LSACA	Aluminum Forklift Cylinder Cabinet 44w x 30d x 68h	12
AFH12303LSACA	Aluminum Forklift Cylinder Cabinet 44w x 39d x 65h	12
ALB12302MSACA	Aluminum 20 lb Cylinder Cabinet 44w x 30d x 53h	12
FH12303LSACA	Steel Forklift Cylinder Cabinet 44w x 39d x 68h	12
LB12302MSACA	Steel 20 lb Cylinder Cabinet (sr) 44w x 30d x 53h	12
ALB18302LSACA	Aluminum 20 lb Cylinder Cabinet (sr) 44w x 30d x 68h	18
LB18302LSACA	Steel 20 lb Cylinder Cabinet (sr) 44w x 30d x 68h	18

(sr) - Cylinder Cabinets marked with (sr) are seismic rated.

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Cylinder Vise

Wall Hugger Cylinder Vise

For use with all propane cylinders from 20 lb through 100 lb.

Dimensions: 13" W x 14" D x 36" H



Part no.	Description
A-CV	Wall Hugger Cylinder Vise



D11

American Standard Cabinet Accessories

Replacement Handle & Latch for Steel Cabinets



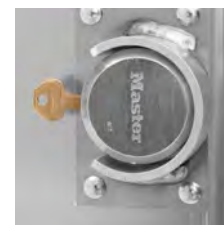
Handle/Latch Combo shown on cabinet door

Part no.	Description
SCH	Steel Cabinet Handle
SCL	Steel Cabinet Latch

Cylinder Cabinet Locks



RI-ASSEM



48RG86

Part no.	Description
RI-ASSEM	Angle Lock Assembly - Medium
RI-ASSEM-LG	Angle Lock Assembly - Large
48RG86	Hockey Puck Lock
A-LOCK SHROUD	Lock Cover - for Aluminum Cabinets only. Packaged separately

LP-Gas Hose Swivels

SMAC Series - Hose Reel, Bulk Head, Loading Arm Applications

Designed specifically for liquefied gas service. They minimize hose fighting and simplify tank connections. Full bore design eliminates flow restrictions at high delivery rates. Contains mechanical seal with no rotating lip seal or o-rings to wear out. Sealed radial contact ball bearings (rated at 6000 lbs) ease rotation and reduce misalignment problems. No lubrication, greasing, adjustment or periodic maintenance is required. All seal components are easily replaceable in the field. UL listed for use with LP-Gas.



90-Degree Swivels

Model	Size *	A	B
SMAC-3490LN	3/4" x 3/4"	3"	4-5/8"
SMAC-190LN	1" x 1"	3"	4-5/8"
SMAC-114LN	1 1/4" x 1 1/4"	3"	4-5/8"
SMAC-112LN	1 1/2" x 1 1/2"	3 1/4"	4-3/4"
SMAC-200LN	2" x 2"	3 1/4"	4-3/4"
SMAC-34190LN	3/4" x 1"	3"	4-5/8"
SMAC-190340LN	1" x 3/4"	3"	4-5/8"
SMAC-34114LN	3/4" x 1 1/4"	3"	4-5/8"
SMAC-114340LN	1 1/4" x 3/4"	3"	4-5/8"
SMAC-190114LN	1" x 1 1/4"	3"	4-5/8"
SMAC-114190LN	1 1/4" x 1"	3"	4-5/8"
SMAC-112200LN	1 1/2" x 2"	3 1/4"	4-3/4"
SMAC-200112LN	2" x 1 1/2"	3 1/4"	4-3/4"

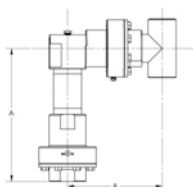
* 2nd figure represents rotating end

Straight Through Swivels

Model	Size	A	B
SMAC-34STLN	3/4" x 3/4"	5 1/4"	4-1/2"
SMAC-1STLN	1" x 1"	5 1/4"	4-1/2"
SMAC-114STLN	1 1/4" x 1 1/4"	5 1/4"	4-1/2"
SMAC-112STLN	1-1/2" x 1-1/2"	5-11/16"	4-7/8"
SMAC-200STLN	2" x 2"	5-11/16"	4-7/8"
SMAC-341STLN	3/4" x 1"	5 1/4"	3-1/16"
SMAC-1340STLN	1" x 3/4"	5 1/4"	3-1/16"
SMAC-34114STLN	3/4" x 1 1/4"	5 1/4"	3-1/16"
SMAC-114340STLN	1 1/4" x 3/4"	5 1/4"	3-1/16"
SMAC-1114STLN	1 x 1 1/4"	5 1/4"	3-1/16"
SMAC-1141STLN	1 1/4" x 1"	5 1/4"	3-1/16"
SMAC-112200STLN	1-1/2" x 2"	5-11/16"	4-7/8"
SMAC-200112STLN	2" x 1-1/2"	5-11/16"	4-7/8"

Loading/Unloading Arm Combinations - Female x Female

For loading/unloading arm such as railroad tank car loading/unloading operation where swivel action in two different planes is required. Combinations shown are shipped and assembled for 1-inch male counterbalance. Stainless Steel housing. *These swivels contain corrosion resistant materials recommended where swivel may be exposed to moisture-laden air or systems routinely blown down.*



Model	Size	A	B
SMAC-34LA	3/4" x 3/4"	9"	6-3/4"
SMAC-1LA	1" x 1"	9"	6-3/4"
SMAC-114LA	1 1/4" x 1 1/4"	9"	6-3/4"
SMAC-112LA	1-1/2" x 1-1/2"	9-1/2"	11"
SMAC-200LA	2" x 2"	9-1/2"	11"

JO Series - Allows Hose-End Filler Valve to Rotate 360° - Female x Male

Model	Size	A	B
JO-34 LP	3/4" x 3/4"	3-3/8"	2-1/2"
JO-1 LP	1" x 1"	3-3/8"	2-1/2"



Note: Corrosion Resistant swivels are recommended for pipe systems that may be chronically exposed to moisture laden air. If swivel is not kept under pressure, specify the Corrosion Resistant **CR/SS** option. Contact Teeco for price and availability.

LP-Gas Hose Swivels

Flanged Connection Swivel

Full-Circle has introduced a UL Listed flanged option swivel joint for hose reel applications. The flanged option swivel is a “bolt-in” replacement for the current threaded design with identical external and centerline dimensions. **utilizing the same mechanical seal package.** The six-bolt companion flanges are machined from barstock. Steel flanges available in 1-1/2” or 2” threaded, socket-weld, or butt-weld versions.

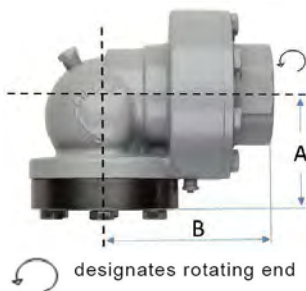
Contains mechanical seal with no rotating lip seal or o-rings to wear out. Offered in combination pipe sizes for Inlet and outlet. Flanged end is located on non-rotating end of swivel. When ordering, specify model# of swivel main housing and flange part#. Stainless steel companion flanges available. UL Listed for LP-Gas and Natural Gas. Anhydrous Ammonia versions also available.

Flanges include cap screws and o-ring. Threaded flanges can be supplied “as assembled” onto the swivel or separately. If ordered “as assembled”, the threaded companion flange cap screws will be factory torqued.

Temperature Range: -40°F to +250°F
 Hydrostatic Test Pressure: 2000 psi
 Maximum Allowable Working Pressure: 400 psi



D13



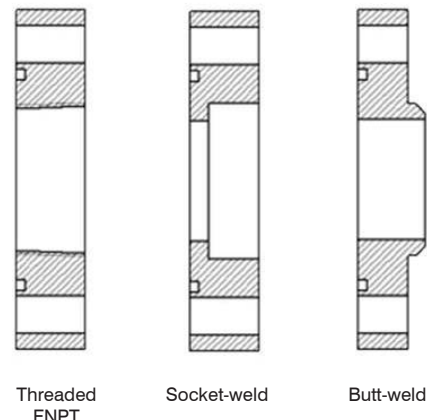
Swivel Models

Part no.	Size (FNPT) Inlet x Outlet	A	B	Total Weight (Includes Flange)
SMAC-112FLN	1 1/2 or 2 x 1 1/2	3 1/4"	4 3/4"	16 1/2 lbs
SMAC-200FLN	1 1/2 or 2 x 2	3 1/4"	4 3/4"	16 1/2 lbs

Flange Types

Flange #	Steel Flange Options*
TC-32T-6-112	1 1/2" Threaded Companion Flange
TC-32T-6-200	2" Threaded Companion Flange
TC-32S-6-112	1 1/2" Socket-Weld Companion Flange
TC-32S-6-200	2" Socket-Weld Companion Flange
TC-32W-6-112	1 1/2" Butt-Weld Companion Flange
TC-32W-6-200	2" Butt-Weld Companion Flange

* Stainless Steel flanges also available.



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D13

Rev 8/20

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NH3 Hose Swivels - for use with Anhydrous Ammonia only

SMAC Series NH3 Swivels

Hose Reel, Bulk Head, Loading Arm Applications Designed specifically for liquefied gas service. They minimize hose fighting and simplify tank connections. Full bore design eliminates flow restrictions at high delivery rates. Contains mechanical seal with no rotating lip seal or o-rings to wear out. Sealed radial contact ball bearings (rated at 6000 lbs) ease rotation and reduce misalignment problems. No lubrication, greasing, adjustment or periodic maintenance is required. All seal components are easily replaceable in the field.

NH3 Hose Swivels - for use with Anhydrous Ammonia only.

90° Swivels



Straight-Through Swivels



Swivels with Combination Threads (Inlet x Outlet). Rotating end is outlet.

Part no.	Description
AA-SMAC-34-190N	90°, 3/4" x 1"
AA-SMAC-190340N	90°, 1" x 3/4"
AA-SMAC-34114N	90°, 3/4" x 1 1/4"
AA-SMAC-114340N	90°, 1 1/4" x 3/4"
AA-SMAC-190114N	90°, 1" x 1 1/4"
AA-SMAC-114190N	90°, 1 1/4" x 1"
AA-SMAC-112200N	90°, 1 1/2" x 2"
AA-SMAC-200112N	90°, 2" x 1 1/2"
AA-SMAC-341STN	Straight-through, 3/4" x 1"
AA-SMAC-1340STN	Straight-through, 1" x 3/4"
AA-SMAC-34114STN	Straight-through, 3/4" x 1 1/4"
AA-SMAC-114340STN	Straight-through, 1 1/4" x 3/4"
AA-SMAC-1114STN	Straight-through, 1" x 1 1/4"
AA-SMAC-1141STN	Straight-through, 1 1/4" x 1"
AA-SMAC-112200STN	Straight-through, 1 1/2" x 2"
AA-SMAC-200112STN	Straight-through, 2" x 1 1/2"

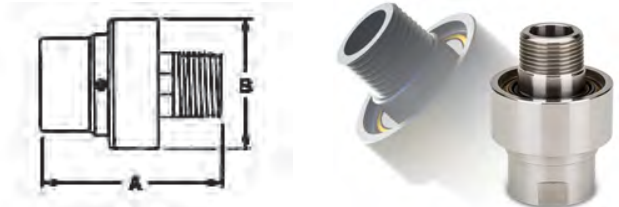
Swivels with Same Size Thread for Inlet & Outlet (all female)

Part no.	Description
AA-SMAC-3490N	90°, 3/4" x 3/4"
AA-SMAC-190N	90°, 1" x 1"
AA-SMAC-114N	90°, 1 1/4" x 1 1/4"
AA-SMAC-112N	90°, 1 1/2" x 1 1/2"
AA-SMAC-200N	90°, 2" x 2"
AA-SMAC-34STN	Straight-through, 3/4" x 3/4"
AA-SMAC-1STN	Straight-through, 1" x 1"
AA-SMAC-114STN	Straight-through, 1 1/4" x 1 1/4"
AA-SMAC-112STN	Straight-through, 1 1/2" x 1 1/2"
AA-SMAC-200STN	Straight-through, 2" x 2"

JO Series NH3 Swivels

Allows Hose-End Filler Valve to Rotate 360° - Female x Male

Part no.	Description
AA-JO-34LN	Hose-end, 3/4" Female x 3/4" Male
AA-JO-1LN	Hose-end, 1" Female x 1" Male



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D14

Rev 8/20

“Y”-Type Strainers

Paget Style B Iron Strainers

Feature tough, weldable ASTM 536 type 60-45-10 annealed, nodular (ductile) iron bodies. Stainless steel 1/64" perf. (.015625) screens have a tapered, self-aligning seat. Straight threads standard. 600 psi: steam at 450 degrees F. 1000 psi: W.O.G. at 100 degrees F.

Part no.	Description
179-SS	1/2" "Y" type strainer, iron
180-S	3/4" "Y" type strainer, iron
181-S	1" "Y" type strainer, iron
182-S	1 1/4" "Y" type strainer, iron
183-S	1 1/2" "Y" type strainer, iron
189-S	2" "Y" type strainer, iron



D15

Brass Strainers

Bronze body with steel plug. Blow-down outlet for easy cleaning. 400 psi. W.O.G. With 100 mesh stainless steel screen.

Part no.	Description
B179-SS-100	1/2" "Y" type strainer, brass
B180-S-100	3/4" "Y" type strainer, brass
B181-S-100	1" "Y" type strainer, brass
B182-S-100	1 1/4" "Y" type strainer, brass
B183-S-100	1 1/2" "Y" type strainer, brass
B189-S-100	2" "Y" type strainer, brass



50 mesh also available. To order a 50 mesh version of the above, change the part number from -100 to -50.

Smith Precision Strainers

Designed for high pressure LP-Gas service. Ductile iron body, working pressure 600 psi W.O.G. Less resistance to flow, with readily removable screen.

Part no.	Description
174-S	1" NPT inlet x 3/4" NPT outlet
175-S	1" NPT inlet x 1" NPT outlet
176-S	1 1/4" NPT inlet x 3/4" NPT outlet
178-S	1 1/4" NPT inlet x 1" NPT outlet
179-S	1 1/4" NPT inlet x 1 1/4" NPT outlet
184-S	2" NPT inlet x 1 1/2" NPT outlet
185-S	2" NPT inlet x 2" NPT outlet
186-S	2 1/2" NPT inlet x 2 1/2" NPT outlet
187-S	3" NPT inlet x 2 1/2" NPT outlet
188-S	3" NPT inlet x 3" NPT outlet



Wabco Ball Valves - Lever and Locking Handle Valves

Forged brass. Conventional NPT threaded port opening. Rated 400 WOG. UL Listed. Buna-A or Teflon seats & seals. Made by WABCO, a WABTEC company. (formerly Smith Ball Valves)



Locking Handle Style Valves



Size	Part no.
	Teflon O-ring stem seal Locking handle
1/4"	125T-014TLH
1/2"	125T-012TLH
3/4"	125T-034TLH
1"	125T-100TLH
1 1/4"	125T-114TLH
1 1/2"	125T-112TLH
2"	125T-200TLH

Repair Kits

Part no.			Description
125R Series	125TR Series	125T Series	
125RX-014	-----	125TX-014	1/4" valve repair kit
125RX-038	-----	125TX-038	3/8" valve repair kit
125RX-012	-----	125TX-012	1/2" valve repair kit
125RX-034	-----	125TX-034	3/4" valve repair kit
125RX-100	-----	125TX-100	1" valve repair kit
125RX-114	125TRX-114	125TX-114	1 1/4" valve repair kit
125RX-112	125TRX-112	125TX-112	1 1/2" valve repair kit
125RX-200	125TRX-200	125TX-200	2" valve repair kit

Marpac Steel Double Union Ball Valves

Forged carbon steel body. Rated to 2500 psi. UL Listed. Available with TFE or Buna-N seals and seats.



Lever Handle

Part no.		Description
TFE Seals/Seats	Buna-N Seals/Seats	
CS-E790-TTU-125	CS-E790-TBU-125	1 1/4" steel ball valve
CS-E790-TTU-150	CS-E790-TBU-150	1 1/2" steel ball valve
CS-E790-TTU-200	CS-E790-TBU-1250	2" steel ball valve

Repair Kits - For E790 and B790

Part no.	Description
5807EFTT	Repair kit, 1 1/4", for E790 valve, TFE
5807EGTT	Repair kit, 1 1/2", for E790 valve, TFE
5807EHTT	Repair kit, 2", for E790 valve, TFE
5807EFTB	Repair kit, 1 1/4", for E790 valve Buna-N
5807EGTB	Repair kit, 1 1/2", for E790 valve, Buna-N
5807EHTB	Repair kit, 2", for E790 valve, Buna-N
5807FTT	Repair kit, 1 1/4", for B790 valve, TFE
5807GTT	Repair kit, 1 1/2", for B790 valve, TFE
5807HTT	Repair kit, 2", for B790 valve, TFE
5807FTB	Repair kit, 1 1/4", for B790 valve, Buna-N
5807GTB	Repair kit, 1 1/2", for B790 valve, Buna-N
5807HTB	Repair kit, 2", for B790 valve, Buna-N

D16 Lever Style Valves



Size	Part no.		
	125R Series Buna-A O-ring stem seal	125TR Series Buna-A Packing stem seal	125T Series Teflon Packing stem seal
1/4"	125R-014	-----	125T-014
3/8"	125R-038	-----	125T-038
1/2"	125R-012	-----	125T-012
3/4"	125R-034	-----	125T-034
1"	125R-100	-----	125T-100
1 1/4"	125R-114	125TR-A	125T-114
1 1/2"	125R-112	125TR-B	125T-112
2"	125R-200	125TR-C	125T-200
			125T-200-FP*

* Full Port

Repair Parts

Part No.	Description
125	Stem for 3/4" & 1" 125R series valves
125RF-3D	Stem for 3/4" & 1" 125RF lock handles
125RF-3E	Jam nut for 3/4" & 1" valves, all series
125RF-3F	Jam nut for 1 1/4", 1 1/2", 2" valves, all series
125R-3A	Steel handle for 3/8" 125R, 125T, 125TR series
125R-3B	Steel handle for 1/2" 125R, 125T, 125TR series
125R-3C	Steel handle for 3/4" 125R, 125T, 125TR series
125R-3D	Steel handle for 1" 125R, 125T, 125TR series
125R-3E	Steel handle for 1 1/4" 125R, 125T, 125TR series
125R-3F	Steel handle for 1 1/2" 125R, 125T, 125TR series
125R-3G	Steel handle for 2" 125R, 125T, 125TR series
125RF-3A	Locking valve handle for 3/8", 1/2", 3/4"
125RF-3B	Locking valve handle for 1"

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D16

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(800) 843-8660

Rev 8/20

Jomar T-100/UE Union End Ball Valves

With side tap and actuator pad. Steel yellow lever handle. Hot forged brass body. Extremely hard CP Brass ball. Double Viton O-rings to prevent stem leakage. 1/2" and 3/4" Rated 600 WOG, 1" rated 500 WOG. Temperature range -40° F to 300° F. 100% full port. **Replacement O-rings available.**



Part No.	Description
160-103	1/2" T-100/UE I.P.S.
160-104	3/4" T-100/UE I.P.S.
160-105	1" T-100/UE I.P.S.
160-106	1 1/4" T-100/UE I.P.S.

Replacement O-Rings

Part no.	Size
899-033	Replacement O-Ring for 160-103
899-034	Replacement O-Ring for 160-104
899-035	Replacement O-Ring for 160-105
899-036	Replacement O-Ring for 160-106

Jomar T-82-M Mini Ball Valves

Forged brass body. Chrome plated ball with brass stem. Double Viton O-rings to prevent stem leakage. Temperature range -40°F to 300°F. Rated 600 WOG.



Part No.	Description
100-299	1/4" FIP x MIP
100-300	1/4" FIP x FIP

Jomar Steel Double Union Ball Valves

Double union carbon steel ball valve with 316 stainless steel ball and stem. 100% full port 3000 WOG / 150 WSP. 100 Series is UL listed for liquid propane. Reversible 304 Stainless Steel handle.



Part no.	Description
100-996	1 1/4" Double union ball valve, UL Listed
100-997	1 1/2" Double union ball valve, UL Listed
100-998	2" Double union ball valve, UL Listed
101-997	1 1/2" Double union ball valve, Socket weld end
101-998	2" Double union ball valve, Socket weld end

D17

Jomar Threaded Stainless Steel Ball Valves

3 Piece 4 Bolt, Swing Out Body, Full Port, Threaded Connection, 1000 WOG

Latch lock handle, may be locked in open or closed positions. 29 in-HG vacuum rating. Repair kit available. 100% leak tested. Wetted surfaces contain less than .25% lead content.



Item #	Size
500-301	1/4"
500-302	3/8"
500-303	1/2"
500-304	3/4"
500-305	1"
500-306	1 1/4"
500-307	1 1/2"
500-308	2"
500-310	3"
500-311	4"

Jomar Dielectric Union Ball Valves

Meets NFPA 58, Section 6.9.3.16 dielectric union requirement. Valve can be locked in the closed position by reversing the handle. 2 Viton O-rings. 100% Leak tested. Made in Italy. Leakproof stem - Lifetime Warranty

Item #	Description
101-513DU	1/2" FIP UE x 1/2" Flare
101-403DU	1/2" FIP UE x 1/2" FIP
101-404DU	3/4" FIP UE x 3/4" FIP
101-703DU	1/2" MIP UE x 1/2" Flare
101-803DU	1/2" MIP UE x 1/2" FIP
101-804DU	3/4" MIP UE x 3/4" FIP



FIP UE x Flare



FIP UE x FIP



MIP UE x Flare



MIP UE x FIP

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D17

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Rev 8/20

Apollo Lever Handle Bronze Ball Valves

The Apollo® 80 Series Bronze Ball Valve is UL Listed and designed as a safe shut off valve for LP Gas, Natural Gas, flammable liquids and heated oil.

Features: Adjustable Packing Gland, Blow-Out Proof Stem Design, RPTFE Seats and Seals, Chromium Plated Ball

Part no.	Size (in)	Dimensions (in)					Wt (lbs)
		A	B	C	D	E	
80-101-01	1/4"	0.37	1.03	2.06	1.75	3.87	0.60
80-102-01	3/8"	0.37	1.03	2.06	1.75	3.87	0.56
80-103-01	1/2"	0.5	1.12	2.25	1.81	3.87	0.63
80-104-01	3/4"	0.68	1.5	3	2.12	4.87	1.39
80-105-01	1"	0.87	1.68	3.37	2.25	4.87	1.72
80-106-01	1-1/4"	1	2	4	2.62	5.5	3.26
80-107-01	1-1/2"	1.25	2.18	4.37	2.87	5.5	4.57
80-108-01	2"	1.5	2.34	4.68	3.06	5.5	5.56
80-109-01	2-1/2"	2.5	3.25	6.5	4.12	8	17.25
80-100-01	3"	2.5	3.37	6.75	4.12	8	18.60

Performance Rating

- Maximum Pressure: 600 psi CWP, 250 psi LP Gas, 150 psi WP
- Vacuum Service to 29 in. Hg

Options & Sizes

- (-07) Tee Handle, Steel (1/4" to 3")
- (-27) SS Latch-Lock Lever & Nut (1/4" to 3")

Approvals

- MSS SP-110; Ball Valves
- Federal Specification: WW-V-35C, Type: II, Composition: BZ, Style: 3
- CRN: OC10908.5C
- Guide YSDT: LP-Gas Shut-Off Valve
- Guide YRPV: Gas Shut-Off Valve for use with natural and manufactured gases
- Guide YRBX: Flammable liquid shutoff valve
- Guide MHKZ: No. 6 oil at 250°F



Apollo 3-Way Bronze Valves

Bronze body. Chromium plated ball. Reinforced TFE seats and stuffing box ring. Large ports. 400 WOG rated. 90° operation. 100% tested air under water. Threaded.



Lever Handle

Part no.	Size
70-603-01	1/2"
70-604-01	3/4"
70-605-01	1"
70-606-01	1 1/4"
70-608-01	2"

Apollo Bronze Ball Valves w/Spring Handle

Threaded, 2-Piece, Std. Port, Bronze Ball Valve, w/Spring-Return Handle, 600 WOG. Spring return to open / close. Blow-out proof stem design.

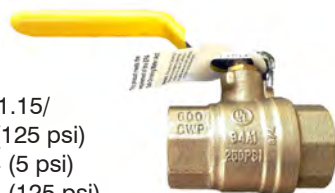


Part no.	Size
71-501-01	1/4"
71-502-01	3/8"
71-503-01	1/2"
71-504-01	3/4"
71-505-01	1"
71-506-01	1 1/4"
71-507-01	1 1/2"
71-508-01	2"

Apollo Brass Ball Valves

94A Series Full Port Forged Brass Ball Valves combine reliable operation with maximum economy. Ideal for plumbing, HVAC and gas service applications. Valves include most pertinent agency approvals. **FEATURES:** Full-Port • Blow-out Proof Stem Design

- Adjustable Stem Packing Nut • Silicone Free. **PERFORMANCE RATING:** Valve Design Rating: 600 CWP (400 CWP 2-1/2" to 4")
- Temperature Range 0°F - 400°F.



APPROVALS

- CSA: 1/4"-4" NPT per ANSI Z21.15/ CGA 9.1 (1/2 psi)/CGA 3.16 (125 psi) 1/4"-4" NPT per ASME B16.44 (5 psi) 1/2"-2" NPT per ASME B16.33 (125 psi)
- UL: Guides YQNZ, YRBX, YRPV, and YSDT (NPT only)
- FM: 1/4"-2" per FM1140 (<175 psi)
- NSF: 1/4"-4" meets NSF/ANSI 61 – 8, 2009
- MSS SP-110: Ball Valves Threaded, Socket-Welding, Solder joint, Grooved and Flared Ends

Part Number	Size (in.)	Dimensions (in.)				Wt. (lbs.)
		A	B	C	D	
NPT						
94A-14	1/4"	0.395	1.746	1.84	3.543	0.33
94A-38	3/8"	0.407	1.756	1.84	3.543	0.3
94A-12	1/2"	0.583	2.047	1.921	3.543	0.44
94A-34	3/4"	0.748	2.362	2.087	3.78	0.66
94A-100	1"	0.945	2.756	2.559	4.528	1.1
94A-125	1-1/4"	1.26	3.307	2.953	4.528	1.57
94A-150	1-1/2"	1.575	3.661	3.346	5.512	2.4
94A-200	2"	1.969	4.181	3.681	5.512	3.37

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

D18

Rev 8/20

Electrical Conduit - For Hazardous Locations

Push Button Switch Covers

For use in hazardous locations: Class I, Group C, D; Class II, Group E, F & G; Class III. NEMA 3, 7 C D, 9 E F G.



Part no.	Description
FXCS-OB4	Start / stop switch cover*
FXB1	Box, Explosion proof
XCSOMRM3-PUSH/PULL	Switch
*Specify "Dead End" or "Feed Thru" junction box.	

Class I, Div. 1 & 2, Groups C,D
 Class 1, Zones 1 & 2, Groups IIB, IIA
 Class II, Div. 1 & 2, Groups E,F,G
 Class III
 NEMA 7(C,D) 9(E,F,G)
 NEMA 3 (Factory sealed type)



Applications

- Provides manual starting and stopping of small AC or DC motors
- Motor running protection when overload heaters are used
- XSX/FXSX Series (without overload protection) are ideally suited for across-the-line applications where a positive disconnect means is required

Features

- FXSX-FXSD Series require no external seals (factory sealed) and are NEMA 3 (raintight) rated
- Enclosures are cast copper-free aluminum alloy
- Operating shaft is stainless steel
- Multiple gang assemblies available in combination with pilot lights, pushbuttons and switches on request
- Ground flange joint between bolted cover and box provide required flame path
- Provisions for padlocking switch in either "ON" or "OFF" position is standard

Part no.	Description
FXSD12	2-pole Single Phase 1HP w/1/2" Junction Box
YOSD-A11.0	Heater for use with C10/C12 Corken & FXSD12
FXSX12	2-pole Single Phase 1 1/2HP w/1/2" Junction Box

Tumbler Switch Covers

For use in hazardous locations: Class I, Group C, D; Class II, Group E, F & G; Class III, NEMA 7 C D, 9 E F G.



Part no.	Description
XS-2C	Switch and cover, 20A, 2 pole
20A	Replacement switch

Switch Boxes

For use with push button and tumbler switch covers.

Part no.	Description
SWB-1 *	Switch box, 1/2" hub
SWB-2	Switch box, 3/4" hub
SWB-4	Switch box, (2) 1/2" hubs
SWB-5	Switch box, (2) 3/4" hubs
SWB-7	Double switch box, 1/2" hub
SWB-11	Double switch box, (2) 3/4" hubs



*Box and Cover are explosion proof for covered areas. If exposed to weather, use FXSX12.

For use in hazardous locations: Class I, Group C, D; Class II, Group E, F & G; Class III.

Junction Box

Part no.	Description
GRSS-1	Junction box, 1/2"
GRSS-2	Junction box, 3/4"
GRSS-3	Junction box, 1"



Conduit Seals

Part no.	Description
EYS-1	1/2" conduit seal
EYS-2	3/4" conduit seal
EYS-3	1" conduit seal



Conduit Unions

Part no.	Description
UNY-105	1/2" conduit union
UNY-205	3/4" conduit union
UNY-305	1" conduit union
UNY-405	1 1/4" conduit union



90° Elbow

Part no.	Description
EL-196	1/2" male x 1/2" female
EL-296	3/4" male x 3/4" female



Electrical Reducing Bushing

Part no.	Description
RB12-08	3/4" x 1/2" reducing bushing
RB16-08	1" x 1/2" reducing bushing
RB16-12	1" x 3/4" reducing bushing



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

ESV Related Equipment

Emergency Shutoff Valve & Signage

Part no.	Description
ESV-S	Emergency Shut-Off Stand (Decal & Shut-Off Valve sold separately)
D59GP	Emergency Shut-Off Decal 12" x 30" Plastic
BAV020	Emergency Shut-Off Valve



Push/Pull to Close Sign

Part no.	Description
P81	Plastic Sign, 10" x 12" Pull to Close
P82	Plastic Sign, 10" x 12" Push to Close
V81	Vinyl Decal, 10" x 12" Pull to Close
V82	Vinyl Decal, 10" x 12" Push to Close
PS-59B	Plastic Sign, Red & White Pull to Close
PS-59C	Plastic Sign, Red & White Push to Open



PS-59B

D20

Plastic Tubing

Part no.	Description
NT10004	1/4" Plastic Tubing



Brass Tube Fittings

Part no.	Description
BE90M25P125	1/4" Tube x 1/8" NPT 90 Fitting
BE90M25P25	1/4" Tube x 1/4" NPT 90 Fitting



Part no.	Description
BC00M25P125	1/4" Tube X 1/8" NPT Straight Fitting
BC00M25P25	1/4" Tube x 1/4" NPT Straight Fitting



Part no.	Description
BBT0M25P125	1/4" Tube X 1/4" Tube X 1/8" NPT Tee
BBT0M25P25	1/4" Tube X 1/4" Tube X 1/4" NPT Tee



Part no.	Description
BUTOP25	1/4" Tube X 1/4" Tube X 1/4" Tube Tee



Part no.	Description
BUC0P25	1/4" Tube X 1/4" Tube Union Connector



Fusible Link, Cable and Clamps

212° F. fusible link for KCCB internal valves.



Part no.	Description
2001-FL	Fusible link
C-18	Cable 1/8"
C-1810	Clamps 1/8"

Low Pressure Valves

ASCO Solenoid Valves



Part no.	Description
EF8215B50-110VAC	Asco Valve, Normally Closed, 2 way 1 in NPT, 110V AC
EF8215B50-110VDC	Asco Valve, Normally Closed, 2 way 1 in NPT, 110V DC
EF8215G30-110VAC	Asco Valve, Normally Closed, 2 way 3/4 in NPT, 110V AC
EF8215G30-110VDC	Asco Valve, Normally Closed, 2 way 3/4 in NPT, 110V DC
EF8320G182-110VAC	Asco Valve, Normally Closed, 3 way 1/4 in NPT, 110V AC
EF8320G182-110VDC	Asco Valve, Normally Closed, 3 way 1/4 in NPT, 110V DC

EF = Explosion Proof

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D20

Rev 8/20

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High Pressure Hose

High Pressure LPG Hose

350 psi maximum working pressure. UL Listed. 7132-25354E-350 sized for shipment by UPS.

Part no.	Size I.D.	Size O.D.	Spiral/Braid	Wt./100 ft.	Standard Reel Size
7132-25354	1/4"	0.610	4 spirals	15 lbs.	750'
7132-25354E-350	1/4"	0.610	4 spirals	15 lbs.	350'
7132-38354	3/8"	0.760	4 spirals	22 lbs.	300'
7132-50354	1/2"	0.937	4 spirals	31 lbs.	500'
7132-75354	3/4"	1.250	4 spirals	51 lbs.	350'
7132-100354	1"	1.500	4 spirals	62 lbs.	300'
7232-1252	1 1/4"	1.815	2 braids	85 lbs.	300'
7232-1503	1 1/2"	2.156	3 braids	112 lbs.	150'
7232-2003	2"	2.750	3 braids	177 lbs.	100'



7132 Series



7232 Series

High Pressure LPG Hose - Stainless Steel Reinforced

Rubber cover. 350 psi maximum working pressure. UL Listed. Cut lengths-bulk lots 300' to 400'.

Part no.	Size I.D.	Size O.D.	Braid	Weight/100 ft.	Standard Reel Size
7233-311	5/16"	0.675	1	19 lbs.	450'
7231-751	3/4"	1.25	1	61 lbs.	100'
7231-1001	1"	1.5	1	78 lbs.	100'
7231-1251	1 1/4"	1.75	1	96 lbs.	100'
7231-1501K	1 1/2"	2	1	107 lbs.	150'
7231-2002K	2"	2.625	2	177 lbs.	150'



7233 Series

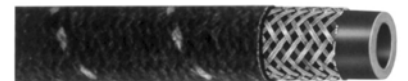


7231 Series

High Pressure LPG Carburetion Hose - Stainless Steel Reinforced

Reinforcement: one fiber braid and one stainless steel wire braid. Fiber braid cover. 350 psi maximum working pressure. UL Listed. Cut lengths-bulk lots 300' to 400'.

Part no.	Size I.D.	Size O.D.
FC321-04	1/4"	.52
FC321-06	3/8"	.68
FC321-08	1/2"	.77
FC321-12	3/4"	1.08



Low Pressure Hose

Low Pressure General Purpose Hose - Red

LP-Gas vapor-only service. Recommended working pressure 125 psi. Rubber coated.

Part no.	Spirals	Size I.D.	Size O.D.	Weight/100 ft.	Standard Reel Size
7122-382	2	3/8"	21/32"	14.9 lbs.	700'



LPG Vapor/Water Heater Hose

Part no.	Size I.D.	Standard Package	Pieces
VH-58	5/8"	30'	3
VH-34	3/4"	30'	3
VH-78	7/8"	30'	3
VH-100	1"	30'	3
VH-112	1 1/2"	30'	3

Vacuum Hose

Part no.	Description
340-VH	Vacuum hose, 3/16" I.D.
341-VH	Vacuum hose, 1/4" I.D.
342-VH	Vacuum hose, 3/8" I.D.

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E1

Rev 8/20

LPG Hose Assemblies



Low Pressure - 3/8" ID, 3/8" SAE x 3/8" SAE

Part no.	Hose I.D.	End Fittings	Length
300L-4	3/8"	3/8" SAE x 3/8" SAE	4"
300L-6			6"
300L-10			10"
300L-15			15"
300L-20			20"

High Pressure - Working pressure 350 psi, 1750 psi burst rating. Other sizes available upon request.

Part no.	Hose I.D.	End Fittings	Length
360-4	1/2"	1/2" MPT x 1/2" MPT	4'
360-6			6'
360-8			8'
360-10			10'
360-12			12'
360-12 1/2			12½'
360-15			15'
360-18			18'
360-20			20'
360-25			25'
360-30			30'
360-50			50'

Part no.	Hose I.D.	End Fittings	Length
361-1	3/4"	3/4" MPT x 3/4" MPT	1'
361-1 1/2			1½'
361-2			2'
361-3			3'
361-4			4'
361-6			6'
361-10			10'
361-12			12'
361-15			15'
361-18			18'
361-20			20'
361-25			25'
361-50			50'
361-100			100'
361-125			125'
361-150			150'

Note: To order hose lengths that are not listed above, select the Series # for the Hose I.D. you want, then add the hose length to the end. For Example, 360-5 for a 5' hose with 1/2" I.D.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Ordering

Ordering Custom Hose Assemblies

Hydraulically pressed-on hose couplings using pressures in excess of 10,000 psi. For LP-Gas and NH₃ hose assemblies. DOT Tested.

How to Order

Determine overall length of hose. Specify part number of hose. See previous page for hose part numbers and pricing. From tables below, specify part number of hose-end coupling for each end and part number for assembly charge.

Hose End Couplings

Part no.	Fitting size	For hose Size
HY06-06MP	3/8" MNPT	3/8" I.D.
08MP-08TY	1/2" MNPT	1/2" I.D.
HY12-12MP	3/4" MNPT	3/4" I.D.
16MP-16LAR	1" MNPT	1" I.D.
HY20-20MP	1¼" MNPT	1¼" I.D.
S10143-24-24	1½" MNPT	1½" I.D.
32NP-32LA	2" MNPT	2" I.D.

Assembly Charges

Part no.	Description
AC4	1/4" hose assembly charge
AC6	3/8" hose assembly charge
AC8	1/2" hose assembly charge
AC12	3/4" hose assembly charge
AC16	1" hose assembly charge
AC20	1¼" hose assembly charge
AC24	1½" hose assembly charge
AC32	2" hose assembly charge

Determining Custom Hose Assy. Cost

Multiply the length of the hose times the cost per foot. Add the cost of each hose end coupling, plus the assembly charge.

Example:

You need 10' of 1" LP-Gas hose with 1" male pipe couplings on each end.

Part no.	Description
7132-100354	1" High Pressure Hose X 10 feet
16MP-16LAR	1" MNPT Hose end coupling
16MP-16LAR	1" MNPT Hose end coupling
AC16	1" hose assembly charge

1", 1 1/4" and 2" LP-Gas Hose Assemblies

Part no.	Hose I.D.	End Fittings	Length
362-50	1"	1" MPT x 1" MPT	50'
362-X			Various

Note: To specify length, substitute X for the hose length, in feet. For Example, 362-50 for a 50' hose assembly.

Part no.	Hose I.D.	End Fittings	Length
363-5	1 1/4"	1 1/4" MPT x 1 1/4" MPT	5'
363-10			10'
363-12			12'
363-15			15'
363-18			18'
363-20			20'
363-X			Various

Part no.	Hose I.D.	End Fittings	Length
365-10	2"	2" MPT x 2" MPT	10'
365-15			15'
365-16			16'
365-18			18'
365-20			20'
365-25			25'
365-X			Various

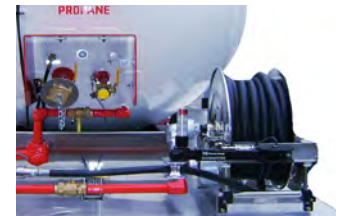
Note: To order hose lengths that are not listed, select the Series # for the Hose I.D. you want, then add the hose length to the end. For Example, 363-6 for a 6' hose with 1 1/4" I.D.

Low Temp / High Temp LP-Gas Bobtail Delivery Hose

Fairview / Gas-Flo Bobtail Hose

- 60° F to +140° F Temps Makes Hose Easier to Handle in Colder Temperatures
- Factory Certified Testing Certificates for Every Hose Assembly
- Custom Lengths Available
- CSA Listed, UL Listed

Part no.	Description
F362-100	1" x 100' Bobtail Delivery Hose Assembly
F362-125	1" x 125' Bobtail Delivery Hose Assembly
F362-150	1" x 150' Bobtail Delivery Hose Assembly



Abrasion & Low Temperature Resistant Hose Assemblies

Polar-Flex Hose/CGA Type 1 Bobtail Hose

Designed for superior performance in transferring liquid petroleum gas, even in sub-zero conditions. Flexible, abrasion resistant. Peak efficiency between -50°F and +180°F. Male x Male. UL Approved Hose.

Part no.	I.D.	Length
PF1-100	1"	100'
PF1-125		125'
PF1-150		150'
PF1-175		175'

*Hose assembly/Coupled/With DOT certification.

Thermoid Hose Type 75

Male X Male - Thermo Pro Sur Fitting. UL Approved Hose.



Part no.	I.D.	Length
TY75-100	1"	100'
TY75-125		125'
TY75-150		150'

*Hose assembly/coupled/With DOT certification.

Hose Accessories

Pig's Tail Protective Wrapping for Hose

Protect your hose investment with Pig's Tail Protective Wrapping. Prevent hose wear due to friction and abrasion. Designed for heavy-duty building and protection. Rounded edges for safe installation. High/low temperature resistance from -40F to 280F.

Part no.	Description
R20SSG	Pigstail wrapping for 3/8" hose
R25SSG	Pigstail wrapping for 1/2" hose
R32SSG	Pigstail wrapping for 3/4" hose
R40SSG	Pigstail wrapping for 1" hose
R50SSG	Pigstail wrapping for 1 1/4" hose
R75SSG	Pigstail wrapping for 2" hose



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E3

Rev 8/20

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E3

Smart-Hose

The Smart-Hose Safety System is built into a stainless steel metal hose to prevent or eliminate the catastrophic consequences of a hose separation resulting from a pull away or major hose rupture. In the event of such an occurrence, *the Smart-Hose Safety System will shutoff the flow of product in both directions, instantly upon hose separation.*



Custom lengths and options are available. Not all lengths are listed. Smart-Hose Breakaway Assemblies also available. Refurbishing Program available. Contact Teeco for details.

E4

DOT Certified 2" LPG Smart-Hose

Textile Braid LPG Hose, DOT Certified, 316 SS, 350 PSI WP Flapper style valve (LL3)

Part #	Description
R09-016-33-0180-0-00-00	2" X 15', FNPT X FNPT
R09-016-32-0180-0-00-00	2" X 15', MNPT X MNPT
R09-016-33-0222-0-00-00	2" X 18' 6", FNPT X FNPT
R09-016-32-0222-0-00-00	2" X 18' 6", MNPT X MNPT
R09-016-33-0228-0-00-00	2" X 19', FNPT X FNPT
R09-016-32-0228-0-00-00	2" X 19', MNPT X MNPT
R09-016-33-0240-0-00-00	2" X 20', FNPT X FNPT
R09-016-32-0240-0-00-00	2" X 20', MNPT X MNPT

DOT Certified 1 1/4" LPG Smart-Hose

Textile Braid LPG Hose, 316 SS, 350 PSI WP Poppet style valve (LL1)

Part #	Description
R09-010-33-0180-0-00-00	1 1/4" X 15', FNPT X FNPT
R09-010-33-0180-0-21-21	1 1/4" X 15', MNPT X MNPT
R09-010-33-0222-0-00-00	1 1/4" X 18' 6", FNPT X FNPT
R09-010-33-0222-0-21-21	1 1/4" X 18' 6", MNPT X MNPT
R09-010-33-0228-0-00-00	1 1/4" X 19', FNPT X FNPT
R09-010-33-0228-0-21-21	1 1/4" X 19', MNPT X MNPT
R09-010-33-0240-0-00-00	1 1/4" X 20', FNPT X FNPT
R09-010-33-0240-0-21-21	1 1/4" X 20', MNPT X MNPT

Note: Hose length listed is overall length, end to end, including fittings.

Flexible Stainless Steel Connectors

Stainless steel corrugated metal LP gas hose with a stainless steel braided sleeve. 350 psi working, 1750 psi burst pressure.



Size	Fittings	Part no. w/o Coating	Part no. w/ Coating
1/2" x 18"	Ground Joint Union x MPT	F50-S18	CF50-S18
1/2" x 24"		F50-S24	CF50-S24
3/4" x 18"		F75-S18	CF75-S18
3/4" x 24"		F75-S24	CF75-S24
1" x 18"		F100-S18	CF100-S18
1" x 24"		F100-S24	CF100-S24
1 1/4" x 18"		F125-S18	CF125-S18
1 1/4" x 24"		F125-S24	CF125-S24
1 1/2" x 18"		F150-S18	CF150-S18
1 1/2" x 24"		F150-S24	CF150-S24
2" x 18"		F200-S18	CF200-S18
2" x 24"		F200-S24	CF200-S24
2 1/2" x 18"		F250-S18	CF250-S18
2 1/2" x 24"		F250-S24	CF250-S24
3" x 18"		F300-S18	CF300-S18
3" x 24"		F300-S24	CF300-S24

Size	Fittings	Part no. w/o Coating	Part no. w/ Coating
1/2" x 18"	MPT x MPT	F50-S18S	CF50-S18S
1/2" x 24"		F50-S24S	CF50-S24S
3/4" x 18"		F75-S18S	CF75-S18S
3/4" x 24"		F75-S24S	CF75-S24S
1" x 18"		F100-S18S	CF100-S18S
1" x 24"		F100-S24S	CF100-S24S
1 1/4" x 18"		F125-S18S	CF125-S18S
1 1/4" x 24"		F125-S24S	CF125-S24S
1 1/2" x 18"		F150-S18S	CF150-S18S
1 1/2" x 24"		F150-S24S	CF150-S24S
2" x 18"		F200-S18S	CF200-S18S
2" x 24"		F200-S24S	CF200-S24S
2 1/2" x 18"		F250-S18S	CF250-S18S
2 1/2" x 24"		F250-S24S	CF250-S24S
3" x 18"		F300-S18S	CF300-S18S
3" x 24"		F300-S24S	CF300-S24S

* Other sizes available upon request.



Coated Connector

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E4

Rev 8/20

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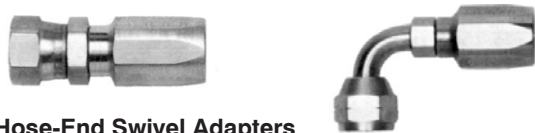
High Pressure Hose Fittings

High pressure fittings are for hoses which have a 350 psi working pressure and 400 lb. pull test.

Steel Hose Couplings

Swivel w/hex nut for stainless steel wire reinforced hose.

Part no.	Hose I.D.	End Fitting	Angle
326-6	3/8"	1/4" MPT	Straight
326-6-6	3/8"	3/8" MPT	
20820-4-4	1/4"	1/4" F. Flare	
323-6S	3/8"	3/8" F. Flare	45°
20820-8-8	1/2"	1/2" F. Flare	
27720-4-4	1/4"	1/4" F. Flare	
30003	3/8"	3/8" F. Flare	90°
27720-8-8	1/2"	1/2" F. Flare	
27920-4-4	1/4"	1/4" F. Flare	
30004	3/8"	3/8" F. Flare	90°
27920-8-8	1/2"	1/2" F. Flare	



Steel Hose-End Swivel Adapters

Part no.			End Fittings
Straight	45°	90°	
----	9355X2X2	9405X2X2	1/8" FPT x 1/8" MPT
9205X4X4	9355X4X4	9405X4X4	1/4" FPT x 1/4" MPT
9255X4X4	9385X4X4	9455X4X4	1/4" FPT x 1/4" FPT
9205X8X8	9355X8X8	9405X8X8	1/2" FPT x 1/2" MPT
9255X8X8	9385X8X8	9455X8X8	1/2" FPT x 1/2" FPT
9205X12X12	9355X12X12	9405X12X12	3/4" FPT x 3/4" MPT
9255X12X12	9385X12X12	9455X12X12	3/4" FPT x 3/4" FPT
9205X16X16	9355X16X16	9405X16X16	1" FPT x 1" MPT
9255X16X16	9385X16X16	9455X16X16	1" FPT x 1" FPT
9205X20X20	----	----	1 1/4" FPT x 1 1/4" MPT
9205X24X24	----	----	1 1/2" FPT x 1 1/2" MPT
9205X32X32	----	----	2" FPT x 2" MPT



Straight

45°

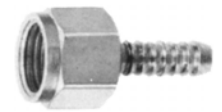
90°

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Brass Female Swivels

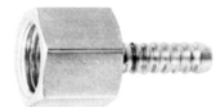
Includes spud and nut.

Part no.	Hose I.D.	End Fitting
318-1	1/4"	9/16"-8 LH
209ASF-44		1/4" F. Flare
HC-5335		3/8" F. Flare
320-1		1/4" FPT
320-2	3/8"	3/8" FPT



Brass Female Pipe Rigid

Part no.	Hose I.D.	End Fitting
HC-5231	1/4"	18" MPT
HC-5632	1/4"	1/4" FPT
325-C	3/8"	3/8" FPT



Brass Male Pipe Rigid

Part no.	Hose I.D.	End Fitting
HC-5232	1/4"	1/4" MPT
HC-5233	1/4"	3/8" MPT



Brass Inverted Flare

Part no.	Hose I.D.	End Fitting
HC-5133	1/4"	1/4" Inv. Flare



Throw-Away Cylinder Swivel Adapters

Part no.	Hose I.D.	End Fitting
G-484	1/4"	Female 1"-20 swivel
G-496	1/4"	Male 1"-20 swivel



Male POL

Part no.	Hose I.D.	End Fitting
970JR	1/4"	M. POL, 7/8" hex
G-1683		M. POL, 7/8" hex, XS Flow



970JR

Soft Nose Handwheel POL End Fittings

Part no.	POL Type	End Fitting
G-1653	Excess flow	1/4" MPT
G-1653A**		
G-1654	Full flow	1/4" MPT
G-1654A**		
G-1654P*	Excess flow	1/4" hose barb
G-1655		
G-1656	Full flow	1/4" hose barb
G-1656A**		



G-1653



G-1656 (not excess flow)

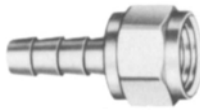
* In display pack **w/brass handwheel

E5

Low Pressure Hose Fittings

Designed for hose with working pressure up to 125 psi.
Brass Female Swivels

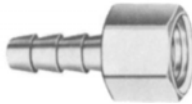
Part no.	Hose I.D.	End Fitting
HC-4335	1/4"	3/8" F. Flare
HC-4355	3/8"	3/8" F. Flare
HC-4357		1/2" F. Flare



E6

Brass Female Pipe Rigid

Part no.	Hose I.D.	End Fitting
HC-4654	3/8"	1/2" FPT



Brass Male Pipe Rigid

Part no.	Hose I.D.	End Fitting
HC-4233	1/4"	3/8" MPT
HC-5233*		3/8" MPT
HC-4252	3/8"	1/4" MPT
HC-4253		3/8" MPT



* HC-5233 includes 7 barb

Brass SAE Male Flare

Part no.	Hose I.D.	End Fitting
HC-4835	1/4"	3/8" M. Flare
HC-4855	3/8"	3/8" M. Flare
HC-32014	3/8"	1/2" MPT



Water Hose Couplings

Part no.	Hose I.D.	End Fittings
441-4-4	1/4"	1/4" MPT
442-4		1/4" F. Flare
441-6	3/8"	1/4" MPT
441-6-6		3/8" MPT
442-6		3/8" F. Flare
441-8	1/2"	3/8" MPT
441-8-8		1/2" MPT
442-8		1/2" F. Flare
441-10-8	5/8"	1/2" MPT
441-12-12	3/4"	3/4" MPT

Slip-on type.
Reusable.



Worm Drive Clamps

Part no.	Description
MH-4	7/32" to 5/8"
MH-6C	5/16" to 7/8"
HS-10	9/16" to 1 1/16"
HS-16	13/16" to 1 1/16"
HS-24	1 1/16" to 2"
HS-48	2 9/16" to 3 1/2"



Band-It Clamp System

Clamps - Low Pressure - Galvanized Carbon steel

Part no.	Hose I.D.	Clamp I.D.	Band Width
J-301	1/4"	13/16"	3/8"
J-302	3/8"	13/8"	3/8"

Steel Plated Hose Menders

Part no.	Description
F-106	For 1/4" I.D. hose
F-108	For 3/8" I.D. hose



Steel Hose Nipples

Part no.	For Hose I.D.	MPT
349955	1/4"	1/8"
342059	1/4"	1/4"
342061	3/8"	1/4"
342065	3/8"	3/8"
342063	3/8"	1/2"
342068	1/2"	3/8"
6704516	1/2"	1/2"
342075	3/4"	3/4"



Installation Tools

Part no.	Description
J-020	Pok-It II tool
C-001	Band-It Tool
J-001	Band-It Adapter



J-001



J-020

C-001

Clamps-High Pressure - Stainless steel

Part no.	Hose I.D.	Clamp I.D.	Band Width
J-201	1/4"	13/16"	3/8"
J-203	1/4" & 3/8"	1"	1/2"
J-204	3/8" & 1/2"	1 1/4"	1/2"
J-206	3/4" & 1"	1 3/4"	5/8"
J-240	1/4"	3/4"	1/4"
J-241	3/8"	13/8"	1/4"



Circle Clamps

Part no.	Description
8CC	Circle Clamp 1/2"
12CC	Circle Clamp 3/4"
9CC	Circle Clamp 9/16"

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Installation Tools

Ferrule Vise

Used for making hose assemblies with barbed inserts and aluminum ferrules. Dies must be ordered separately.



FV-660-T



FV-670-T

Part no.	Description
FV-660-T	Ferrule Vice - Manual
FV-670-T	Ferrule Vice - Air Operated

Part no.		Closed Dia. (in)
Straight Die	Ribbed Die	
FD-662-T-500	FD-664-T-500	.500
FD-662-T-525	FD-664-T-525	.525
FD-662-T-550	FD-664-T-550	.550
FD-662-T-575	FD-666-T-575	.575
FD-662-T-600	FD-666-T-600	.600
FD-662-T-625	FD-666-T-625	.625
FD-662-T-650	FD-666-T-650	.650
FD-662-T-675	FD-666-T-675	.675
FD-662-T-700	FD-666-T-700	.700
FD-662-T-725	FD-666-T-725	.725
FD-662-T-750	FD-666-T-750	.750
FD-662-T-775	FD-666-T-775	.775
FD-662-T-800	FD-666-T-800	.800
FD-662-T-825	FD-666-T-825	.825



Straight Die



Ribbed Die



Hose Ferrules

Ferrules must slip on hose snugly for proper crimping.

Part no.	Description
FBL-500	.500" I.D. ferrule
FBL-525	.525" I.D. ferrule
FBL-550	.550" I.D. ferrule for 1/4" hose
FBL-575	.575" I.D. ferrule for 1/4" hose
FBL-600	.600" I.D. ferrule for 1/4" hose
FBL-625	.625" I.D. ferrule for 1/4" hose
FBL-650	.650" I.D. ferrule for 3/8" hose
FBL-675	.675" I.D. ferrule for 3/8" hose
FBL-700	.700" I.D. ferrule for 3/8" low pressure hose
FBL-725	.725" I.D. ferrule for 3/8" low pressure hose

Hose Crimper

Portable or bench mount. Complete with five dies for 1/4" - 1 braid through 3/8" - 2 braid hose.



Part no.	Description
855	Hose crimper

Ferrule Hand Crimper

5/8" wide two-hole jaw for 3/16" and 1/4" hose.



Part no.	Description
C-1-WE	Ferrule crimper

Economy Cutter

Cuts up to 2" rubber or textile reinforced hose (not for wire reinforced), PVC and PE pipe.



Part no.	Description
T135	Hose cutter
BT135	Replacement blade for T135

Cable Ties

U.V. resistant.



Part no.	Description
SST-2	Cable tie, 3/8" x 7"

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Polyethylene Gas Pipe - Driscoplex

Driscoplex Polyethylene Pipe

DriscoPlex 6500 PE 2406 polyethylene gas pipe eliminates corrosion problems inherent to metal pipe. The added capacity of DriscoPlex PE pipe plus its superior quality make it an ideal component of an efficient, trouble-free installation. 1/2" IPS provides nearly three times the carrying capacity as CTS for minimal cost increase per foot. The bright yellow color is a highly visible indicator of an in-ground gas line. (It is recommended that operating pressures be limited to 30 psig or less).

A Commitment to Quality and Performance

DriscoPlex 6500 PE2406 gas pipe succeeds Yellowpipe and 6500 as the product of choice for medium-density PE gas piping systems. It is manufactured in accordance with the latest published editions of ASTM D 2513, CSA B137.4, or applicable international standards. PE 2406 fusion (socket & butt) fittings are available. Call TEECO for additional information. Pipe is marked appropriately for convenience and accuracy in measuring.

Part no.	Description		Coil Length / Minimum Order Qty
PE012CTS-500	DriscoPlex	1/2" CTS .090	500'
PE012IPS-500	DriscoPlex	1/2" IPS SDR-9.3	500'
PE034IPS-250	DriscoPlex	3/4" IPS SDR-11.0	250'
PE034IPS-500	DriscoPlex	3/4" IPS SDR-11.0	500'
PE100IPS-250	DriscoPlex	1" IPS SDR-11.0	250'
PE100IPS-500	DriscoPlex	1" IPS SDR-11.0	500'
PE125IPS-250	DriscoPlex	1 1/4" IPS SDR-10.0	250'
PE125IPS-500	DriscoPlex	1 1/4" IPS SDR-10.0	500'
PE150IPS-250	DriscoPlex	1 1/2" IPS SDR-11.0	500'



F1

Meter Stop Valve

Meter Stop Valve - AY McDonald

Precision machined to ensure a precise match between body and plug. Standard Lock wings. Tamper-resistant design. Non-directional. Fire safe design. Rated to 175 PSIG. Complies with ANSI/ASME B16.33.

Part no.	Description
4810-132	1/2" Gas meter stop valve
4810-133	3/4" Gas meter stop valve
4810-134	1" Gas meter stop valve
4810-135	1 1/4" Gas meter stop valve
4810-136	1 1/2" Gas meter stop valve
4810-137	2" Gas meter stop valve



Meter Lock Seal

Part no.	Description
4-L	Meter lock seal, complete
4-K	Key for lock seal
4-RS	Replacement seal



Metallic Tracer Tape & 14 Gauge Tracer Wire

Use Tracer tape and tracer wire to provide an easy means of identification and location of underground PE piping.



Part no.	Description
2X1000	Tracer Tape, 1,000 ft. coil
1430Y-HS-500	Tracer Wire Only, 500 ft. coil

PE Valves

PE Valve - RW Lyall

The Lyall-Polytec PE Ball Valve body design provides resistance to mechanical and thermal loads making it the strongest part of the PE piping system. Unique Ball/Stem and Operating Nut assembly design provide greater resistance to dirt and moisture from entering the valve assembly. Accommodates all 1/2" CTS through 2" IPS installation requirements.



Part no.	Description
BV0070Y-TFN0-000	1" IPS, SDR-11 PE
BV0200Y-TSN0-000	2" IPS, SDR-11 PE

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

F1

Rev 8/20

Con-Stab Stab-Type Fittings

TEECO Products carries Continental Industries' Con-Stab Fittings, superior stab-type fittings that meet our high standards for safety and quality.

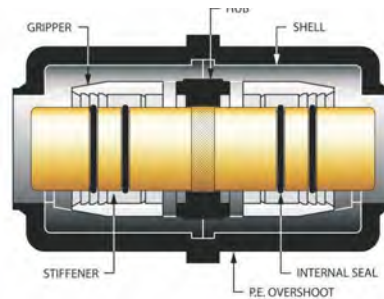
The Con-Stab fitting features a double **internal (ID)** seal that enables each fitting to seal perfectly - even on scratched pipe - by using the smooth internal surface of the pipe. Because the seals are located directly below the gripper, as load increases, sealing capacity increases. This improved seal protection creates the ultimate design for "stab-type" mechanical couplings. Con-Stab Fittings are available in a full range of coupling and fitting sizes: 1/2" CTS through 1" CTS and 1/2" IPS through 2" IPS. On 1 1/4" CTS and smaller sizes, a disposable chamfer tool is included in the bag with the fitting.

F2



The Con-Stab I.D. Seal fitting Advantages:

- Cost effective joining method.
- No additional assembly equipment required for installation (Just chamfer pipe and push).
- Expanded product line with various configurations and material options (PE 2406 or PE 3408).
- Uni-body design eliminating all external parts.
- Meets or exceeds all D.O.T. and ASTM requirements.
- Listed with IAPMO/UPC.



Couplings

Part no.	Description
52-1004	Coupling - 1/2" CTS
52-1012	Coupling - 1/2" IPS
52-1013	Coupling - 3/4" IPS
52-1014	Coupling - 1" IPS
52-1015	Coupling - 1 1/4" IPS
52-1016	Coupling - 1 1/2" IPS
52-1017	Coupling - 2" IPS



Repair Couplings

Part no.	Description
0459-56-1200	1/2" CTS 12" Long
1359-56-1200	3/4" IPS 12" Long
1459-56-1200	1" IPS 12" Long
3238-14-4415	1 1/4" IPS 14" Long
3238-14-4417	2" IPS 14" Long



90° Elbows

Part no.	Description
51-1004	90° Elbow 1/2" CTS
51-1012	90° Elbow 1/2" IPS
51-1013	90° Elbow 3/4" IPS
51-1014	90° Elbow 1" IPS
51-1015	90° Elbow 1 1/4" IPS
51-1016	90° Elbow 1 1/2" IPS
51-1017	90° Elbow 2" IPS



End Caps

Part no.	Description
53-1004	End Cap - 1/2" CTS
53-1013	End Cap - 3/4" IPS
53-1014	End Cap - 1" IPS
53-1015	End Cap - 1 1/4" IPS
53-1017	End Cap - 2" IPS



Reducer Couplings

Part no.	Description
54-1204	1/2" IPS X 1/2" CTS
54-1304	3/4" IPS X 1/2" CTS
54-1312	3/4" IPS X 1/2" IPS
54-1404	1" IPS X 1/2" CTS
54-1413	1" IPS X 3/4" IPS
54-1513	1 1/4" IPS X 3/4" IPS
54-1514	1 1/4" IPS X 1" IPS
54-1615	1 1/2" IPS X 1 1/4" IPS
54-1715	2" IPS X 1 1/4" IPS
54-1716	2" IPS X 1 1/2" IPS



Cap-N-Go's

Part no.	Description
57-1004	Cap-N-Go 1/2" CTS
57-1013	Cap-N-Go 3/4" IPS
57-1015	Cap-N-Go 1 1/4" IPS
57-1017	Cap-N-Go 2" IPS



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Con-Stab Stab-Type Fittings

Three-Way Tees

Part no.	Description
50-1004	3-Way Tee 1/2" CTS
50-1012	3-Way Tee 1/2" IPS
50-1013	3-Way Tee 3/4" IPS
50-1014	3-Way Tee 1" IPS
50-1015	3-Way Tee 1 1/4" IPS
50-1016	3-Way Tee 1 1/2" IPS
50-1017	3-Way Tee 2" IPS



Transition Couplings - PE to Steel

Part no.	Description
0432-00-0912	1/2" CTS X 1/2" MPT
0432-00-0913	1/2" CTS X 3/4" MPT
1332-00-0913	3/4" IPS X 3/4" MPT
1332-00-0914	3/4" IPS X 1" MPT



Reducer Tees

Part no.	Description
49-1304	3/4" IPS X 1/2" CTS
49-1404	1" IPS X 1/2" CTS
49-1413	1" IPS X 3/4" IPS
49-1715	2" IPS X 1 1/4" IPS



Chamfering Tools/Depth Gauges

Part no.	Description
33-5481	Plastic - 3/4" IPS X 1/2" CTS
33-6580-15	Plastic - 1 1/4" IPS
33-6580-17	Plastic - 2" IPS
33-5516	Plastic - 1" IPS X 3/4" IPS
33-5647	Plastic - 1/2" IPS X 1/2" CTS
33-6580-16	Plastic - 1 1/2" IPS



F3

Transition Couplings - PE to Copper

Part no.	Description
99-0062	1/2" CTS X 1/4" OD
99-0063	1/2" CTS X 3/8" OD
99-0064	1/2" CTS X 1/2" OD
99-0065	1/2" CTS X 5/8" OD

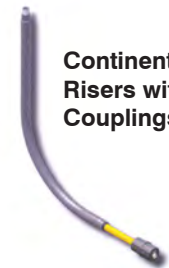


Continental Risers



Continental Anodeless Risers

Part no.	Size (MPT x PE)	Wall	Vertical Length	Horizontal Length
1353-91-4604-00	3/4" NPT X 1/2" CTS	.09	30"	17"
1353-91-4613-00	3/4" MPT X 3/4" IPS	SDR-11 (.095)	30"	16"
1453-91-4614-00	1" MPT X 1" IPS	SDR-11 (.119)	30"	16"
1553-91-4615-0A	1-1/4" MPT X 1-1/4" IPS	SDR-10 (.166)	30"	22"
1652-91-4616-00	1-1/2" MPT X 1-1/2" IPS	SDR-11 (.173)	36"	26"
1752-91-4617-00	2" MPT X 2" IPS	SDR-11 (.216)	36"	30"



Continental Anodeless Risers with Con-Stab Couplings

Part no.	Size (MPT x PE)	Wall	Vertical Length	Horizontal Length
1353-91-4604-25	3/4" MPT x 1/2" CTS (5/8"OD) PE	0.09	30"	17"
1353-91-4612-25	3/4" MPT x 1/2" IPS PE	SDR-9.3 (.090)	30"	17"
1353-91-4613-25	3/4" MPT x 3/4" IPS PE	SDR-11 (.095)	30"	16"
1453-91-4614-25	1" MPT x 1" IPS PE	SDR-11 (.119)	30"	16"
9953-99-0503-25	1 1/4" MPT x 1 1/4" IPS PE	SDR-10 (.166)	30"	22"
1752-91-4617-25	2" MPT x 2" IPS PE	SDR-11 (.216)	36"	30"



Continental Flexible Risers

Part no.	Size (MPT x PE)	Wall	Length
1253-92-1004-36	1/2" NPT X 1/2" CTS .090	0.090	36"
1253-92-1004-48	1/2" NPT X 1/2" CTS .090	0.090	48"
1253-92-1004-84	1/2" NPT X 1/2" CTS .090	0.090	84"
1353-92-1004-36	3/4" NPT X 1/2" CTS .090	0.090	36"
1353-92-1004-48	3/4" NPT X 1/2" CTS .090	0.090	48"
1353-92-1004-84	3/4" NPT X 1/2" CTS .090	0.090	84"
1353-92-1013-36	3/4" NPT X 3/4" IPS SDR-11	SDR-11	36"
1353-92-1013-48	3/4" NPT X 3/4" IPS SDR-11	SDR-11	48"
1353-92-1013-60	3/4" NPT X 3/4" IPS SDR-11	SDR-11	60"

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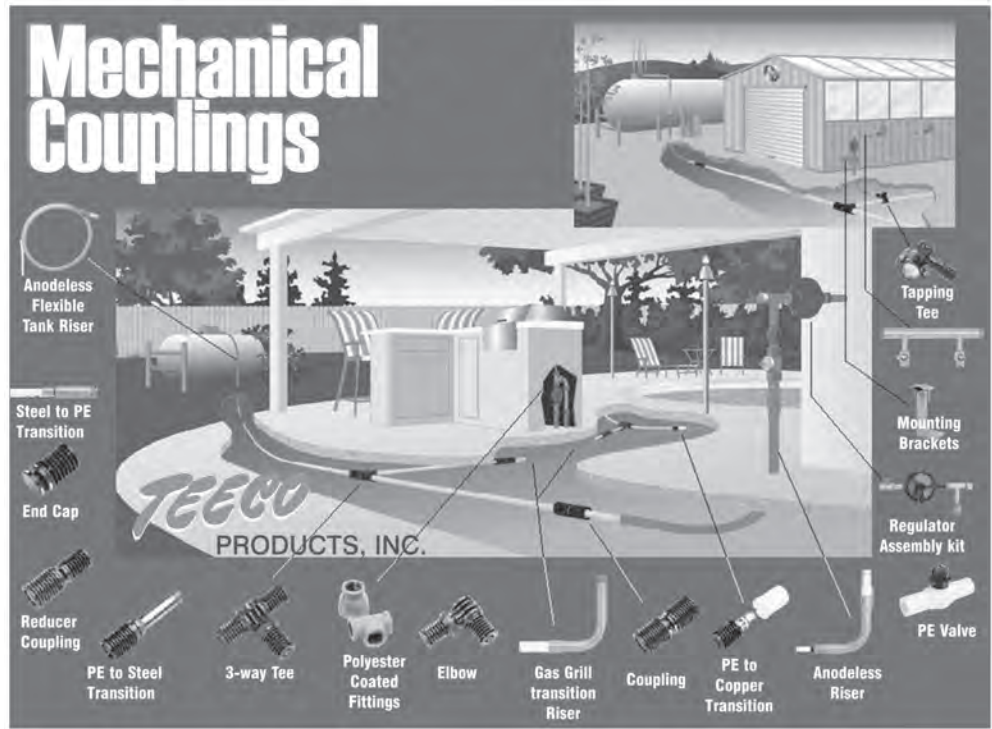
F3

Rev 8/20

Lyall LYCOFIT PE Mechanical Fittings

F4

For use with PE 2406 pipe. Lyall's LYCOFIT coupling design features a patented barbed spigot that seals using the pipe's smooth inside surface, eliminating problems associated with depending on PE pipe's outside surface for a seal. LYCOFIT couplings lower the costs associated with training and secondary field labor efforts. With over a decade of vigorous testing and more than 3 million installations, the LYCOFIT fitting has proven that it exceeds the life expectancy, tensile pull and burst pressures of the PE pipe itself. LYCOFIT maintains unprecedented performance levels over other PE pipe fittings, even at extreme temperature ranges. ASTM and DOT tested and approved, LycoFit has proven itself to be the "strongest" PE pipe joint achievable.



Couplings

Part no.	Description	Standard Package
LC010B-DER	1/2" CTS	3
LC060Y-DER	3/4" IPS SDR 11	3
LC070Y-DER	1" IPS SDR 11	3
LC080X-DESR	1 1/4" LYCO	3
LC090Y-DESR	1 1/2" LYCO	2
LC200Y-DESR	2" IPS 11 PA11 Short	2



End Caps

Part no.	Description	Standard Package
LC060Y-ECR	3/4" IPS SDR 11	3
LC070Y-ECR	1" IPS SDR 11	3
LC080X-ECR	1 1/4" IPS SDR11	3
LC090Y-ECR	1 1/2" LYCO	3
LC200Y-ECR	2" IPS SDR11	3



90° Elbows

Part no.	Description	Standard Package
LC010B-ELR	1/2" CTS	3
LC060Y-ELR	3/4" IPS SDR 11	3
LC070Y-ELR	1" IPS SDR 11	3
LC080X-ELR	90° 1 1/4" IPS SDR11	3
LC090Y-ELR	1 1/2" LYCO	2
LC200Y-ELR	2" IPS SDR 11	2



3-Way Tees

Part no.	Description	Standard Package
LC010B-3TR	1/2" CTS	3
LC060Y-3TR	3/4" IPS SDR 11	3
LC070Y-3TR	1" IPS SDR 11	3
LC080X-3TR	1 1/4" IPS SDR 11 3-Way	3
LC090Y-3TR	1 1/2" LYCO	2
LC200Y-3TR	2" IPS	2



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F4

Rev 8/20

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Lyall LYCOFIT PE Mechanical Fittings

Steel To PE Connect

Part no.	Description
LC050S010B-SPB	1/2" NPT X 1/2" CTS
LC060S010B-SPB	3/4" IPS x 1/2" CTS
LC060S050W-SPB	3/4" NPT x 1/2" IPS
LC060S060Y-SPB	3/4" NPT x 3/4" IPS
LC070S050W-SPB	1" NPT x 1/2" IPS
LC070S060Y-SPB	1" NPT x 3/4" IPS
LC070S070Y-SPB	1" NPT x 1" IPS
LC200S200Y-SPB	2" NPT x 2" IPS



Copper to PE Couplings

Part no.	Description
LC375010B-GC	3/8" O.D. flare x 1/2" CTS
LC500010B-GC	1/2" O.D. flare x 1/2" CTS

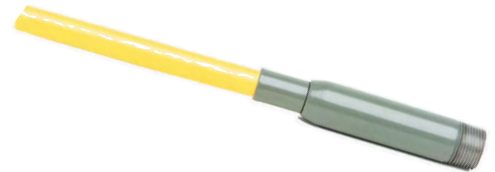


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Lyall Steel to Polyethylene PE Transition Fittings

Part no.	Description	Standard Package
LT060	3/4" NPT X 3/4" IPS Threaded	9
LT060S060Y-LONG VERSION	3/4" X 3/4" IPS Long Version	12
LT070	1" NPT X 1" IPS Threaded	6
LT080	1 1/4" NPT X 1 1/4" IPS Threaded	4
LT090	1 1/2" NPT X 1 1/2" IPS Threaded	4
LT200	2" NPT X 2" IPS Threaded	2

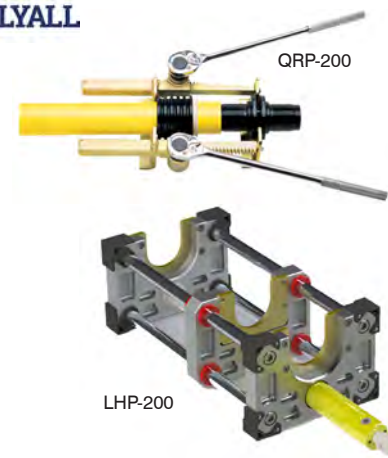
* Add -AT suffix to Part no. for beveled end.



Lyall Mechanical Fitting Tools

The Lyco® Hydraulic Press (LHP-200) Tool is used for joining 1 1/4" IPS, 1 1/2" IPS and 2 IPS sizes of medium or high density Polyethylene gas pipe, using LYCOFIT® Mechanical Fittings. This tool is also capable of installing standard couplings, end caps, 90° elbows, 3-way tees, repair couplings and many combinations of reducing fittings. Note: The LHP-200 can only be used with the current revision of LYCOFIT® 1 1/4" - 2" IPS couplings, elbows and tees.

The QRP-200 tool allows the installation of the full range of LYCOFIT Mechanical Fittings. The QRP-200 can easily be reconfigured in the field to allow for any size (1/2" CTS through 2" IPS) or combination of couplings, Reducer Couplings, Tees and Elbows, Tapping Tee outlets, as well as all other LYCOFIT Mechanical Fittings, All with just one tool.



Part no.	Description	Standard Package
AHP133	Enerpac PA133 Air Over Hydraulic w/Fittings	1
AHP200	Enerpac P142 Pump w/Fittings for LHP200	1
LF-BOXLHP	Carrying Case for LHP Kits	1
LHP-200	LYCOFIT Tool for 1 1/4" IPS, 1 1/2" IPS, 2" IPS	1
LHP-200-KIT-01	Hydraulic Press w/Pump, Hose, Clamp, Case	1
LHP-200-KIT-03	Hydraulic Press w/Pump, Hose, Clamp, Case	1
LPC200-SET	2" IPS Clamp Set for LHP200 Inc Clamp-PLT	1
QRP-100	Assembly Tool 1/2" X 1"	1
QRP-200	Tool 1/2" 2" IPS	1

*Requires one long handled 1/2" Ratchet wrench, not included, to operate.
 **Requires two long-handled 1/2" Ratchet wrenches, not included, to operate.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Lycoring

Light-weight disposable plastic ring that slips over the PE pipe and securely grips the pipe while inserting the pipe onto the Lycofit spigot. **A Lycoring is provided with each Lycofit fitting.** Eliminates the need for additional gripping tools to install fittings.



F5

Rev 8/20

Service Head Adapter Flexible Risers with Heat Shield

RW Lyall's service head adapter flexible risers come in kit form, ready for installation. Each kit includes the proper all-flex, UV protected casing and Service Head Adapter that you need for fast, easy field assemblies using a pipe or crescent wrench. Corrosion resistant Service Adapter design reduces need for torque measurement, reduces assembly labor and eliminates need for costly welding or fusing equipment. The kit also includes an inner heat shield lining that creates an insulating air space between the outer flex casing and the PE pipe that inhibits heat transfer much like the action of dual pane windows.

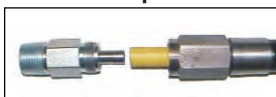
PE pipe may be run from tank-to-home or appliance, eliminating the need for underground connections. UV-protected flexible case made from a durable, sunlight resistant material. Available in standard lengths of 84" for first-stage regulator (tank) connections, and 36" or 48" for second stage regulator connections. Meets requirements of NFPA-58 LP-Gas Code. Listed with IAPMO/UPC. Includes inner heat shield lining.

F6

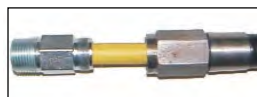
Part no.	Description	Box qty.
SHAFC050010B-36-HS	36" long - 1/2" NPT x 1/2" CTS .090/SDR-7	10
SHAFC050010B-48-HS	48" long - 1/2" NPT x 1/2" CTS .090/SDR-7	10
SHAFC050010B-84-HS	84" long - 1/2" NPT x 1/2" CTS .090/SDR-7	10
SHAFC060010B-36-HS	36" long - 3/4" NPT x 1/2" CTS .090/SDR-7	10
SHAFC060010B-48-HS	48" long - 3/4" NPT x 1/2" CTS .090/SDR-7	10
SHAFC060010B-84-HS	84" long - 3/4" NPT x 1/2" CTS .090/SDR-7	10



Installation procedure:



1. Slide PE pipe through Flex Riser Casing.



2. Push Service Head Adapter into PE Pipe end.



3. Bring adapter nuts together. Tighten with crescent or pipe

Anodeless Risers

Anodeless Risers

Provides a positive transition joint between PE pipe and the gas-carrying steel pipe of the regulator assembly set, and requires no cathodic protection below ground. Listed with IAPMO / UPC.

Part no.	Description	Standard Package
STDLY060	3/4" NPT X 3/4" IPS SDR11 30X16X10	9
STDLY060010	3/4" NPT X 1/2"CTS 30X16X10	12
STDLY060010-02T	3/4" NPT X 1/2"CTS 36X22	24
STDLY060060-01T	3/4" NPT X 3/4"IPS 24X35	24
STDLY060060-02T	3/4" NPT X 3/4"IPS 36X23	12
STDLY060060-53TH	3/4" NPT X 3/4" IP w/LFC060Y FI 24X35	24
STDLY060060-53TT	3/4" NPT X 3/4"IP w/LFC060Y FI 36X23	12
STDLY060060T	3/4" NPT X 3/4"IPS 30X29	36
STDLY060060T-03TX	3/4" NPT X 3/4"IP w/LFC060Y FI 30X29	36
STDLY070	1" NPT X 1" IPS SDR11 30X16X10	6
STDLY080	1 1/4" NPT X 1 1/4" IPS SDR10 30X22X10	4
STDLY090	1 1/2" NPT X 1 1/2" IPS SDR11 30X32X10	4
STDLY200	2" NPT X 2" IPS SDR11 30X30X10	2



Stainless 15 PSIG LP-Gas Connectors

Designed specifically for above ground LP-Gas connections, Dormont's Stainless Steel 15 PSIG connector is an ideal alternative to copper or polyethylene connections made for riser-to-regulator or tank-to-home connections. Easy to install.



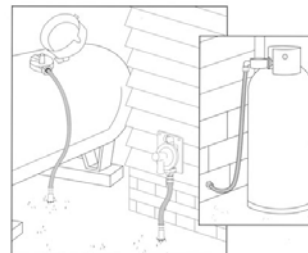
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Part no.	5/8" O.D. Propane Connector (1/2" MIP X 1/2" FIP)
31P-31P32P-24	24"
31P-31P32P-36	36"
31P-31P32P-48	48"
31P-31P32P-60	60"
31P-31P32P-72	72"

Part no.	5/8" O.D. Propane Connector (less adapters)
31P-7777-22	22"
31P-7777-34	34"
31P-7777-46	46"
31P-7777-58	58"
31P-7777-70	70"

Adapters for 15 PSIG LP-Gas Connectors

Part no.	Description
U1-10D	5/8" Flare x 1/2" Male pipe threads
U3-10D	5/8" Flare x 1/2" Female pipe threads
U1-10E	5/8" Flare x 3/4" Male pipe threads
U3-10E	5/8" Flare x 3/4" Female pipe threads



X-Risers Anodeless Flexible Risers



Part no.	Description
XR-10B-12-36-L-ZDC	X-Riser® - 3/4" MPT x 1/2"CTS (.090 Wall) x 36" OAL
XR-10B-12-72-L-ZDC	X-Riser® - 3/4" MPT x 1/2"CTS (.090 Wall) x 72" OAL
XR-10B-12-96-L-ZDC	X-Riser® - 3/4" MPT x 1/2"CTS (.090 Wall) x 96" OAL
XR-10B-12-144-L-ZDC	X-Riser® - 3/4" MPT x 1/2"CTS (.090 Wall) x 144" OAL
XR-10B-8-36-L-ZDC	X-Riser® - 1/2" MPT x 1/2"CTS (.090 Wall) x 36" OAL
XR-10B-8-72-L-ZDC	X-Riser® - 1/2" MPT x 1/2"CTS (.090 Wall) x 72" OAL
XR-10B-8-96-L-ZDC	X-Riser® - 1/2" MPT x 1/2"CTS (.090 Wall) x 96" OAL
XR-10B-8-144-L-ZDC	X-Riser® - 1/2" MPT x 1/2"CTS (.090 Wall) x 144" OAL
XR-10B-8SN-36-L-ZDC	X-Riser® - 1/2" Female Flare Swivel x 1/2" CTS (.090 Wall) x 36" OAL
XR-10B-8SN-72-L-ZDC	X-Riser® - 1/2" Female Flare Swivel x 1/2" CTS (.090 Wall) x 72" OAL
XR-10B-8SN-96-L-ZDC	X-Riser® - 1/2" Female Flare Swivel x 1/2" CTS (.090 Wall) x 96" OAL
XR-17C-10SN-36-L-ZDC	X-Riser® - 5/8" Female Flare Swivel x 3/4" IPS (.095 Wall) x 36" OAL
XR-17C-10SN-72-L-ZDC	X-Riser® - 5/8" Female Flare Swivel x 3/4" IPS (.095 Wall) x 72" OAL
XR-17C-10SN-96-L-ZDC	X-Riser® - 5/8" Female Flare Swivel x 3/4" IPS (.095 Wall) x 96" OAL
XR-17C-12-36-L-ZDC	X-Riser® - 3/4" MPT x 3/4"IPS (.095 Wall) x 36" OAL
XR-17C-12-72-L-ZDC	X-Riser® - 3/4" MPT x 3/4"IPS (.095 Wall) x 72" OAL
XR-17C-12-96-L-ZDC	X-Riser® - 3/4" MPT x 3/4"IPS (.095 Wall) x 96" OAL
XR-21J-12-36-L-ZDC	X-Riser® - 1" IPS (.119" Wall) x 3/4" MPT x 36" OAL
XR-21J-12-72-L-ZDC	X-Riser® - 1" IPS (.119" Wall) x 3/4" MPT x 72" OAL
XR-21J-12-96-L-ZDC	X-Riser® - 1" IPS (.119" Wall) x 3/4" MPT x 96" OAL
XR-21J-16-36-L-ZDC	X-Riser® - 1" IPS (.119" Wall) x 1" MPT x 36" OAL
XR-21J-16-72-L-ZDC	X-Riser® - 1" IPS (.119" Wall) x 1" MPT x 72" OAL
XR-21J-16-96-L-ZDC	X-Riser® - 1" IPS (.119" Wall) x 1" MPT x 96" OAL



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A597-Series Replacement Swivel Flare Heads for X-Risers

Part no.	Description
A597-10-8-SW	1/2" CTS (.090 Wall) x 1/2" Female Swivel 45° Flare
A597-17-10-SW	3/4" IPS (.095 Wall) x 5/8" Female Swivel 45° Flare



Male Adapters - MPT to Plastic

Part no.	Description
M597C11S090	1/2" MPT X 1/2" IPS Plastic .090 Wall (SDR-9.3)
M597C12S090	3/4" MPT X 1/2" IPS Plastic .090 Wall (SDR-9.3)
M597C1S090	1/2" MPT X 1/2" CTS Plastic .090 Wall (SDR-7)
M597C2S090	3/4" MPT X 1/2" CTS Plastic .090 Wall (SDR-7)
M597C32S095	3/4" MPT X 3/4" IPS Plastic .095 Wall (SDR-11)
M597C53S119	1" MPT X 1" IPS Plastic .119 Wall (SDR-11)
M597C74S151	1-1/4" MPT X 1-1/4" IPS Plastic .151 Wall (SDR-11)
M597C82S173	1-1/2" MPT X 1-1/2" IPS Plastic .173 Wall (SDR-11)
M597C96S216	2" MPT X 2" IPS Plastic .216 Wall (SDR-11)



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Couplings - Plastic to Plastic

Part no.	Description
M750C10	1/2" CTS Plastic X 1/2" CTS Plastic (.090 Wall)
M750C13	1/2" IPS Plastic X 1/2" IPS Plastic (.090 Wall)
M750C17	3/4" IPS Plastic X 3/4" IPS Plastic (.095 Wall)
M750C21	1" IPS Plastic X 1" IPS Plastic (.119 Wall)
M750C27	1-1/4" IPS Plastic X 1-1/4" IPS Plastic (.151 Wall)
M750C31	1-1/2" IPS Plastic X 1-1/2" IPS Plastic (.173 Wall)
M750C38	2" IPS Plastic X 2" IPS Plastic (.216 Wall)



X-Series Service Head Adapter for Field Assembled Risers

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Part no.	Description
X2536	Service Head Adapter - 1/2" MPT x 1/2" CTS (.090 Wall) x 3/4" Conduit
X2706	Service Head Adapter - 3/4" MPT x 1/2" CTS (.090 Wall) x 3/4" Conduit
X2500-17-12	Service Head Adapter - 3/4" MPT x 3/4" IPS (.090 Wall) x 1 1/4" Conduit



MSS Series Moisture Seal for Field Assembled Risers

Part no.	Description
MSS17-10-INV	1/2" CTS Moisture Seal - Inverted
MSS27-17	3/4" IPS Moisture Seal



COPO Transitions - Plastic x FPT

Part no.	Description
M697C1S090BR	1/2" CTS (.090 Wall) x 1/2" FPT Brass COPO Transition
M697C375S090BR	1/2" CTS (.090 Wall) x 3/8" FPT Brass COPO Transition



COPO Transitions - Plastic x 45° Flare

Part no.	Description
M545C1S090	1/2" CTS (.090 Wall) x 3/8" Male 45° Flare Brass COPO Transition
M545C2S090	1/2" CTS (.090 Wall) x 1/2" Male 45° Flare Brass COPO Transition



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PE Pipe Line Sizing Chart - 10 PSIG Inlet with 1 PSIG Pressure Drop

F10

Length (ft)	Calculated Maximum Capacity (Propane Gas) (1000 BTU's per Hour)								
	CTS		IPS						
Nom OD	1/2	1	3/4	1	1-1/4	1-1/2	2	3	4
DR	7	11.5	11	11	10	11	11	11.5	11.5
Avg ID	0.436	0.918	0.848	1.062	1.308	1.534	1.917	2.855	3.670
10	1326	9403	7632	13794	23890	36312	65302	186048	360308
20	911	6462	5246	9481	16419	24957	44882	127869	247638
30	732	5190	4212	7613	13185	20041	36042	102684	198862
40	626	4442	3605	6516	11285	17153	30847	87884	170200
50	555	3937	3195	5775	10002	15202	27339	77890	150845
60	503	3567	2895	5233	9062	13774	24771	70574	136677
70	463	3281	2664	4814	8337	12672	22789	64927	125741
80	431	3053	2478	4479	7756	11789	21201	60402	116977
90	404	2864	2325	4202	7277	11061	19892	56673	109756
100	382	2706	2196	3969	6874	10448	18790	53533	103675
125	338	2398	1946	3518	6092	9260	16653	47446	91885
150	306	2173	1764	3187	5520	8390	15089	42989	83255
175	282	1999	1622	2932	5078	7719	13882	39549	76593
200	262	1860	1509	2728	4725	7181	12914	36793	71255
250	232	1648	1338	2418	4187	6365	11446	32609	63152
300	211	1493	1212	2191	3794	5767	10371	29546	57220
350	194	1374	1115	2015	3490	5305	9541	27182	52642
400	180	1278	1037	1875	3247	4936	8876	25288	48973
450	169	1199	973	1759	3047	4631	8328	23727	45950
500	160	1133	919	1662	2878	4374	7867	22412	43404
600	145	1026	833	1506	2608	3963	7128	20307	39327
700	133	944	766	1385	2399	3646	6557	18682	36181
800	124	878	713	1289	2232	3392	6100	17380	33659
900	116	824	669	1209	2094	3183	5724	16307	31581
1000	110	778	632	1142	1978	3006	5407	15404	29831
1500	88	625	507	917	1588	2414	4342	12370	23956
2000	75	535	434	785	1359	2066	3716	10587	20503

1. Average ID used in all calculations. It equals the nominal OD minus 2.12 times the minimum wall thickness.
2. For flow in SCF/hr at sea level divide flow by 2488. Heat value of Propane Gas is 2488 BTU/scf at sea level.
3. Calculations used high pressure (>1.5 psi) equation from Chapter 12 in National Fuel Gas Code.

This table is for informational purposes only and is intended for use as a reference guide. It should not be used in place of the advice of a professional engineer. It does not contain or confer any warranty or guarantee of any kind.

PE Pipe Line Sizing Chart - 5 PSIG Inlet with 1 PSIG Pressure Drop

Length (ft)	Calculated Maximum Capacity (Propane Gas) (1000 BTU's per Hour)								
	CTS		IPS						
Nom OD	1/2	1	1/2	3/4	1	1-1/4	1-1/2	2	3
DR	7	11.5	9.33	11	11	10	11	11	11.5
Avg ID	0.436	0.918	0.649	0.848	1.062	1.308	1.534	1.917	2.855
10	1170	8296	3338	6734	12171	21078	32039	57617	164152
20	804	5702	2294	4628	8365	14487	22020	39600	112821
30	646	4579	1842	3717	6717	11634	17683	31800	90599
40	553	3919	1577	3181	5749	9957	15134	27217	77541
50	490	3473	1398	2819	5095	8825	13413	24122	68723
60	444	3147	1266	2554	4617	7996	12153	21856	62268
70	408	2895	1165	2350	4247	7356	11181	20107	57286
80	380	2693	1084	2186	3951	6843	10402	18706	53293
90	356	2527	1017	2051	3708	6421	9760	17551	50004
100	337	2387	961	1938	3502	6065	9219	16579	47233
125	298	2116	851	1717	3104	5375	8170	14693	41862
150	270	1917	771	1556	2812	4870	7403	13313	37930
175	249	1764	710	1432	2587	4481	6811	12248	34895
200	231	1641	660	1332	2407	4168	6336	11394	32463
250	205	1454	585	1180	2133	3694	5616	10099	28771
300	186	1318	530	1069	1933	3347	5088	9150	26069
350	171	1212	488	984	1778	3080	4681	8418	23983
400	159	1128	454	915	1654	2865	4355	7831	22312
450	149	1058	426	859	1552	2688	4086	7348	20934
500	141	999	402	811	1466	2539	3860	6941	19774
600	128	906	364	735	1328	2301	3497	6289	17917
700	117	833	335	676	1222	2117	3217	5786	16483
800	109	775	312	629	1137	1969	2993	5382	15335
900	103	727	293	590	1067	1848	2808	5050	14388
1000	97	687	276	558	1008	1745	2653	4770	13591
1500	78	552	222	448	809	1401	2130	3831	10914
2000	67	472	190	383	693	1199	1823	3279	9341

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1. Average ID used in all calculations. It equals the nominal OD minus 2.12 times the minimum wall thickness.
2. For flow in SCF/hr at sea level divide flow by 2488. Heat value of Propane Gas is 2488 BTU/scf at sea level.
3. Calculations used high pressure (>1.5 psi) equation from Chapter 12 in National Fuel Gas Code.

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PE Pipe Line Sizing Chart - 2 PSIG Inlet with 1 PSIG Pressure Drop

Length (ft)	Calculated Maximum Capacity (Propane Gas) (1000 BTU's per Hour)								
	CTS		IPS						
Nom OD	1/2	1	3/4	1	1-1/4	1-1/2	2	3	4
DR	7	11.5	11	11	10	11	11	11.5	11.5
Avg ID	0.436	0.918	0.848	1.062	1.308	1.534	1.917	2.855	3.670
10	1067	7568	6143	11102	19227	29225	52557	149736	289986
20	734	5201	4222	7630	13215	20086	36122	102913	199306
30	589	4177	3390	6128	10612	16130	29007	82643	160050
40	504	3575	2902	5244	9082	13805	24826	70732	136982
50	447	3168	2572	4648	8050	12235	22003	62688	121404
60	405	2871	2330	4211	7294	11086	19937	56800	110001
70	372	2641	2144	3874	6710	10199	18341	52255	101200
80	346	2457	1994	3604	6242	9488	17063	48613	94147
90	325	2305	1871	3382	5857	8902	16010	45612	88335
100	307	2178	1768	3195	5532	8409	15123	43085	83441
125	272	1930	1567	2831	4903	7453	13403	38186	73952
150	247	1749	1419	2565	4443	6753	12144	34599	67006
175	227	1609	1306	2360	4087	6213	11172	31831	61644
200	211	1497	1215	2196	3802	5780	10394	29612	57348
250	187	1326	1077	1946	3370	5122	9212	26245	50827
300	169	1202	976	1763	3053	4641	8347	23780	46053
350	156	1106	897	1622	2809	4270	7679	21877	42368
400	145	1029	835	1509	2613	3972	7144	20352	39415
450	136	965	783	1416	2452	3727	6703	19096	36982
500	129	912	740	1337	2316	3521	6331	18038	34933
600	116	826	670	1212	2099	3190	5737	16344	31652
700	107	760	617	1115	1931	2935	5278	15036	29119
800	100	707	574	1037	1796	2730	4910	13988	27090
900	94	663	538	973	1685	2562	4607	13124	25417
1000	88	627	509	919	1592	2420	4351	12397	24009
1500	71	503	408	738	1278	1943	3494	9955	19280
2000	61	431	350	632	1094	1663	2991	8521	16501

1. Average ID used in all calculations. It equals the nominal OD minus 2.12 times the minimum wall thickness.
2. For flow in SCF/hr at sea level divide flow by 2488. Heat value of Propane Gas is 2488 BTU/scf at sea level.
3. Calculations used high pressure (>1.5 psi) equation from Chapter 12 in National Fuel Gas Code.

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PE Pipe Line Sizing Chart - 11" w.c. Inlet with 0.5" w.c. Pressure Drop

Length (ft)	Calculated Maximum Capacity (Propane Gas) (1000 BTU's per Hour)								
	CTS		IPS						
Nom OD	1/2	1	3/4	1	1-1/4	1-1/2	2	3	4
DR	7	11.5	11	11	10	11	11	11.5	11.5
Avg ID	0.436	0.918	0.848	1.062	1.308	1.534	1.917	2.855	3.670
10	116	826	670	1211	2098	3188	5734	16336	31637
20	80	568	461	833	1443	2193	3944	11236	21759
30	64	456	370	669	1159	1762	3168	9026	17481
40	55	391	317	573	992	1508	2712	7728	14965
50	49	346	281	508	880	1337	2404	6850	13267
60	44	314	255	460	797	1212	2179	6208	12023
70	41	289	234	424	733	1115	2005	5712	11062
80	38	269	218	394	682	1037	1865	5315	10293
90	36	252	205	370	640	973	1750	4987	9659
100	34	238	193	349	605	920	1654	4711	9124
125	30	211	171	310	536	815	1466	4177	8089
150	27	191	155	281	486	739	1329	3785	7330
175	25	176	143	258	447	680	1222	3483	6745
200	23	164	133	240	416	632	1137	3240	6275
250	20	145	118	213	369	561	1008	2873	5563
300	19	132	107	193	334	508	914	2603	5041
350	17	121	98	178	308	468	841	2395	4639
400	16	113	91	165	286	435	782	2229	4316
450	15	106	86	155	269	408	734	2091	4050
500	14	100	81	146	254	386	693	1976	3826

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1. Average ID used in all calculations. It equals the nominal OD minus 2.12 times the minimal wall thickness.
2. For flow in SCF/hr at sea level divide flow by 2488. Heat value of Propane Gas is 2488 BTU/scf at sea level.
3. Calculations used low pressure equation from Chapter 12 in National Fuel Gas Code.

This table is for informational purposes only and is intended for use as a reference guide. It should not be used in place of the advice of a professional engineer. It does not contain or confer any warranty or guarantee of any kind.

Soft Copper Tubing & Aluminum Tubing



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Copper Refrigeration Tubing

Commonly sold by the O.D. LP-Gas usage should be limited to interior applications, originating from the second stage regulator to the appliance. Meets or exceeds ANSI/ASTM B280.

NOTE: Not suitable for use underground.

Part no.	Size (O.D.)	Wall Thickness	Std. Coil*
692	1/4"	.030	50 ft.
694	3/8"	.032	50 ft.
696	1/2"	.032	50 ft.
697	5/8"	.035	50 ft.
698	3/4"	.035	50 ft.

* Sold in coil lengths only. Copper refrigeration tubing sized using Outside Diameter. Use with fittings of same size as tubing.

Copper Tubing Type K & Type L

Meets or Exceeds ANSI/ASTM B-88.

Part no.	Size (I.D.)	Wall Thickness	Std. Coil Length* / Min Order Qty
692K	1/4"	.035	100 ft.
694K	3/8"	.049	100 ft.
696K	1/2"	.049	100 ft.
692L	1/4"	.030	100 ft.
694L	3/8"	.035	100 ft.
696L	1/2"	.040	100 ft.

*Sold in coil lengths only. Type K & L copper tubing sized using Inside Diameter. Use with fittings one size larger than tubing.

Aluminum Tubing

Part no.	Size	Std. Coil*
11-191	1/8"	50 ft.
11-192	3/16"	50 ft.
11-193	1/4"	50 ft.
11-194	5/16"	50 ft.
11-195	3/8"	50 ft.
11-196	7/16"	50 ft.
11-197	1/2"	50 ft.

*Sold in coil lengths only.

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Coated Copper Tubing

Gas-Tec® flexible yellow polyethylene-coated copper tubing is continuously line-marked for clear identification and protection of LPG & Natural Gas installations. The polyethylene coating provides added corrosion protection and enables the tubing to be used for both above and below ground installations. Flexible and easy to install with no additional training required.



Part #	Description
Gas-Tec® - For Natural & LP Gas Lines	
13850	Gas-Tec Yellow 3/8" Refrigeration 50', B68/B280
11250	Gas-Tec Yellow 1/2" Refrigeration 50', B68/B280
15850	Gas-Tec Yellow 5/8" Refrigeration 50', B68/B280
13810	Gas-Tec Yellow 3/8" Refrigeration 100', B68/B280
11210	Gas-Tec Yellow 1/2" Refrigeration 100', B68/B280
15810	Gas-Tec Yellow 5/8" Refrigeration 100', B68/B280
21410	Gas-Tec Yellow 1/4"L 100', B88/B837
23810	Gas-Tec Yellow 3/8"L 100', B88/B837
21210	Gas-Tec Yellow 1/2"L 100', B88/B837
25810	Gas-Tec Yellow 5/8"L 100', B88/B837
Gas Pro-Tec® - Inner Grooved Coating for Natural & LP Gas Lines	
28510	Gas Pro-Tec Yellow 1/4"K 100'
28610	Gas Pro-Tec Yellow 3/8"K 100'
28710	Gas Pro-Tec Yellow 1/2"K 100'

Please consult your local jurisdiction for code requirements.

Tubing Tools

Papco Tubing Cutter

For 1/8" to 1 1/8" OD hard or soft copper, aluminum, brass, thin wall steel.

Part no.	Description
512	1-8" to 1 1/8" tubing cutter
51235	Replacement cutter wheel - copper



"Imp" Tubing Cutter

1/8" - 1/2" OD tubing for use in tight quarters. 1 1/4" swing radius.

Part no.	Description
127-FA	1/8" - 1/2" tubing cutter
32633	Replacement cutting wheel



Rigid Tubing Cutter

For copper, brass, aluminum tubing, thin wall conduit. Fold-in reamer.

Part no.	Description
10	Tubing cutter
33160	Replacement cutting wheel



Papco Flaring Tool

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" tubing. One piece design.

Part no.	Description
400-F	Papco flaring tool



Parker Flaring Tool

Part no.	Description
945TH	Parker flaring tool



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Ordering Information

TEECO uses the universal numbering system for flare and compression fittings. The following chart will aid in identifying sizes and for ease of ordering.

Tube Size (Numeric)	Dimension	Pipe (NPT) Sizes (Alphabetic)
-2	1/8"	A
-3	3/16"	
-4	1/4"	B
-5	5/16"	
-6	3/8"	B
-7	7/16"	
-8	1/2"	D
-10	5/8"	
-12	3/4"	E

Flare Fittings

Flare Bonnet

Part no.	Size	Std Pkg
B1-4	1/4"	10
B1-6	3/8"	25
B1-8	1/2"	25
B1-10	5/8"	10



Flare Plug

Part no.	Size	Std Pkg
P2-4	1/4"	25
P2-6	3/8"	25
P2-8	1/2"	25
P2-10	5/8"	25
P2-12	3/4"	25



Flare Cap

Part no.	Size	Std Pkg
N5-4	1/4"	25
N5-6	3/8"	25
N5-8	1/2"	25
N5-10	5/8"	25



Flare Fittings

Standard Flare Nut

Part no.	Size	Std Pkg
N1-4	1/4"	50
N1-6	3/8"	50
41AS-6	3/8"(Hvy)	50
N1-8	1/2"	50
41AS-8	1/2"(Hvy)	50
N1-10	5/8"	50



Long Flare Nut

Part no.	Size	Std Pkg
N2-4	1/4"	25
N2-6	3/8"	25
N2-8	1/2"	25
N2-10	5/8"	10



Forged Flare Nut

Part no.	Size	Std Pkg
NS4-4	1/4"	50
NS4-6	3/8"	50
NS4-8	1/2"	50
NS4-10	5/8"	50
NS4-12	3/4"	10



Reducing Forged Flare Nut

Size = Pipe Thread x Tube Size

Part no.	Size	Std Pkg
NSR4-64	3/8" x 1/4"	25
NSR4-65	3/8" x 5/16"	5
NSR4-86	1/2" x 3/8"	25
NSR4-106	5/8" x 3/8"	25
NSR4-108	5/8" x 1/2"	25
NSR4-128	3/4" x 1/2"	2



Inverted Flare Fittings

Part no.	Size	Std Pkg
41IB-3	3/16" nut	25
41IB-4	1/4" nut	25
41IB-6	3/8" nut	25
41IB-8	1/2" nut	10
48I-4B	1/4" x 1/4" Union	10



Flare x Flare Union

Part no.	Size	Std Pkg
U2-4	1/4"	50
U2-6	3/8"	50
U2-8	1/2"	50
U2-10	5/8"	25
U2-12	3/4"	10



Flare x Flare Reducing Union

Part no.	Size	Std Pkg
UR2-64	3/8" x 1/4"	25
UR2-84	1/2" x 1/4"	10
UR2-86	1/2" x 3/8"	25
UR2-106	5/8" x 3/8"	25
UR2-108	5/8" x 1/2"	25



Flare x MNPT Half Union

Part no.	Size	Std Pkg
U1-4A	1/4" x 1/8"	50
U1-4B	1/4" x 1/4"	25
U1-4C	1/4" x 3/8"	50
U1-4D	1/4" x 1/2"	25
U1-5B	5/16" x 1/4"	10
U1-6A	3/8" x 1/8"	25
U1-6B	3/8" x 1/4"	50
U1-6C	3/8" x 3/8"	50
U1-6D	3/8" x 1/2"	50
U1-6E	3/8" x 3/4"	25
U1-8B	1/2" x 1/4"	25
U1-8C	1/2" x 3/8"	50
U1-8D	1/2" x 1/2"	50
U1-8E	1/2" x 3/4"	25
U1-10B	5/8" x 1/4"	10
U1-10C	5/8" x 3/8"	25
U1-10D	5/8" x 1/2"	50
U1-10E	5/8" x 3/4"	25
U1-12D	3/4" x 1/2"	10
U1-12E	3/4" x 3/4"	10



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Flare Fittings

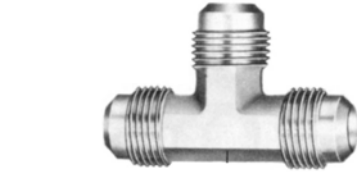
Flare x FNPT Half Union

Part no.	Size	Std Pkg
U3-4A	1/4" x 1/8"	25
U3-4B	1/4" x 1/4"	25
U3-4C	1/4" x 3/8"	10
U3-5B	5/16" X 1/4"	10
U3-6A	3/8" x 1/8"	10
U3-6B	3/8" x 1/4"	25
U3-6C	3/8" x 3/8"	50
U3-6D	3/8" x 1/2"	50
U3-6E	3/8" x 3/4"	25
U3-8B	1/2" x 1/4"	10
U3-8C	1/2" x 3/8"	25
U3-8D	1/2" x 1/2"	25
U3-8E	1/2" x 3/4"	25
U3-10C	5/8" x 3/8"	10
U3-10D	5/8" x 1/2"	50
U3-10E	5/8" x 3/4"	25
U3-12D	3/4" x 1/2"	2



Flare x MNPT 90° Elbow

Part no.	Size	Std Pkg
E1-4A	1/4" x 1/8"	25
E1-4B	1/4" x 1/4"	25
E1-4C	1/4" x 3/8"	10
E1-4D	1/4" x 1/2"	10
E1-6A	3/8" x 1/8"	10
E1-6B	3/8" x 1/4"	50
E1-6C	3/8" x 3/8"	50
E1-6D	3/8" x 1/2"	25
E1-6E	3/8" x 3/4"	25
E1-8B	1/2" x 1/4"	10
E1-8C	1/2" x 3/8"	25
E1-8D	1/2" x 1/2"	25
E1-8E	1/2" x 3/4"	25
E1-10B	5/8" x 1/4"	10
E1-10C	5/8" x 3/8"	25
E1-10D	5/8" x 1/2"	25
E1-10E	5/8" x 3/4"	25
E1-12E	3/4" x 3/4"	5



Flare Tee - Reducing Branch

Part no.	Size	Std Pkg
TR2-446	1/4" x 1/4" x 3/8"	25
TR2-664	3/8" x 3/8" x 1/4"	25
TR2-668	3/8" x 3/8" x 1/2"	25
TR2-686	1/2" x 3/8" x 3/8"	25
TR2-868	1/2" x 3/8" x 1/2"	25
TR2-884	1/2" x 1/2" x 1/4"	10
TR2-886	1/2" x 1/2" x 3/8"	25
TR2-8810	1/2" x 1/2" x 5/8"	10
TR2-10106	5/8" x 5/8" x 3/8"	10
TR2-10108	5/8" x 5/8" x 1/2"	10



Flare x MNPT Branch Tee

Part no.	Size	Std Pkg
T1-4A	1/4" x 1/4" x 1/8"	10
T1-6B	3/8" x 3/8" x 1/4"	25
T1-6C	3/8" x 3/8" x 3/8"	25
T1-6D	3/8" x 3/8" x 1/2"	10
T1-8B	1/2" x 1/2" x 1/4"	10
T1-8C	1/2" x 1/2" x 3/8"	10
T1-8D	1/2" x 1/2" x 1/2"	10
T1-10D	5/8" x 5/8" x 1/2"	10



Flare x MNPT Run Tee

Part no.	Size	Std Pkg
T3-6C	3/8" x 3/8" x 3/8"	10
T3-6D	3/8" x 3/8" x 1/2"	10
T3-8C	1/2" x 1/2" x 3/8"	10
T3-8D	1/2" x 1/2" x 1/2"	10
T3-10D	5/8" x 1/2" x 5/8"	10

F. Flare x M. Flare Reducing Coupling

Part no.	Size	Std Pkg
UR3-46	1/4" x 3/8"	10
UR3-64	3/8" x 1/4"	25
UR3-68	3/8" x 1/2"	50
UR3-86	1/2" x 3/8"	25



Flare Swivel Connector

Part no.	Size	Std Pkg
US4-4	1/4" x 1/4"	10
US4-6	3/8" x 3/8"	10
US4-8	1/2" x 1/2"	10
US4-86	1/2" x 3/8"	10
US4-10	5/8" x 5/8"	10
US4-12	3/4" x 3/4"	10



Flare x FNPT 90° Elbow

Part no.	Size	Std Pkg
E3-6B	3/8" x 1/4"	25
E3-6C	3/8" x 3/8"	25
E3-6D	3/8" x 1/2"	25
E3-6E	3/8" x 3/4"	25
E3-8B	1/2" x 1/4"	25
E3-8C	1/2" x 3/8"	25
E3-8D	1/2" x 1/2"	25
E3-8E	1/2" x 3/4"	25
E3-10C	5/8" x 3/8"	25
E3-10D	5/8" x 1/2"	25
E3-10E	5/8" x 3/4"	25



Flare Cross

Part no.	Size	Std Pkg
C1-6666	3/8"	10
C1-8888	1/2"	10
C1-10101010	5/8"	5



Flare Tee

Part no.	Size	Std Pkg
T2-4	1/4"	25
T2-6	3/8"	25
T2-8	1/2"	25
T2-10	5/8"	25
T2-12	3/4"	10



Flare x Flare 90° Elbow

Part no.	Size	Std Pkg
E2-4	1/4"	25
E2-6	3/8"	25
E2-8	1/2"	25
E2-10	5/8"	10
E2-12	3/4"	10



Flare x MNPT 45° Elbow

Part no.	Size	Std Pkg
E1-45-4B	1/4" x 1/4"	25
E1-45-6B	3/8" x 1/4"	50
E1-45-6C	3/8" x 3/8"	50



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Brass Pipe Fittings

Square Head Plugs

Part no.	Size	Std Pkg
109A-A	1/8"	25
109A-B	1/4"	25
109A-C	3/8"	25
109AS-D	1/2"	10



Cap

Part no.	Size	Std Pkg
108A-A	1/8"	10
108A-B	1/4"	10
108A-C	3/8"	10
108A-D	1/2"	10



Hex Bushing

Part no.	Size	Std Pkg
110A-BA	1/4" x 1/8"	25
110A-CA	3/8" x 1/8"	10
110A-CB	3/8" x 1/4"	25
110A-DA	1/2" x 1/8"	10
110A-DB	1/2" x 1/4"	10
110A-DC	1/2" x 3/8"	10
110A-EB	3/4" x 1/4"	10
110A-EC	3/4" x 3/8"	10
110A-ED	3/4" x 1/2"	10



Coupling

Part no.	Size	Std Pkg
103A-A	1/8"	10
103A-B	1/4"	10
103A-C	3/8"	10
103A-D	1/2"	10



Reducing Coupling

Part no.	Size	Std Pkg
119A-BA	1/4" x 1/8"	10
119A-CB	3/8" x 1/4"	10
119A-DB	1/2" x 1/4"	10
119A-DC	1/2" x 3/8"	10
119A-ED	3/4" x 1/2"	5



FNPT x MNPT Adapter

Part no.	Size	Std Pkg
120A-BA	1/4" x 1/8"	10
120A-BB	1/4" x 1/4"	10
120A-CB	3/8" x 1/4"	10



Nipples

Part no.	Size	Std Pkg
112A-A	1/8" x close	25
113A-A15	1/8" x 1 1/2"	10
113A-A2	1/8" x 2"	10
113A-A25	1/8" x 2 1/2"	10
113A-A3	1/8" x 3"	10
112A-B	1/4" x close	25
113A-B15	1/4" x 1 1/2"	10
113A-B2	1/4" x 2"	10
113A-B25	1/4" x 2 1/2"	10
113A-B3	1/4" x 3"	10
112A-C	3/8" x close	10
113A-C15	3/8" x 1 1/2"	10
113A-C2	3/8" x 2"	10
113A-C25	3/8" x 2 1/2"	10
113A-C3	3/8" x 3"	10
112A-D	1/2" x close	10
113A-D15	1/2" x 1 1/2"	10
113A-D2	1/2" x 2"	10
113A-D25	1/2" x 2 1/2"	10
113A-D3	1/2" x 3"	10

Reducing Nipple

Part no.	Size	Std Pkg
123A-BA	1/4" x 1/8"	10
123A-CB	3/8" x 1/4"	10



Hex Nipple

Part no.	Size	Std Pkg
122A-A	1/8"	10
122A-B	1/4"	10



Union

Part no.	Size	Std Pkg
104A-A	1/8"	5
104A-B	1/4"	5
104A-C	3/8"	5
104A-D	1/2"	5



90° Female Elbow

Part no.	Size	Std Pkg
100A-A	1/8"	10
100A-B	1/4"	10
100A-C	3/8"	10
100A-D	1/2"	10



Male x Male Elbow

Part no.	Size	Std Pkg
116AM-B	1/4" x 1/4"	10



90° Street Elbow

Part no.	Size	Std Pkg
116A-A	1/8"	10
116A-B	1/4"	10
116A-C	3/8"	10
116A-D	1/2"	10



45° Street Elbow

Part no.	Size	Std Pkg
124A-A	1/8"	10
124A-B	1/4"	10
124A-C	3/8"	10
124A-D	1/2"	10



Street Tee

Part no.	Size	Std Pkg
127A-A	1/8"	10
127A-B	1/4"	5
127A-C	3/8"	5



Male Branch Tee

Part no.	Size	Std Pkg
130A-A	1/8"	25
130A-B	1/4"	25
130A-C	3/8"	25



Tee

Part no.	Size	Std Pkg
101A-A	1/8"	10
101A-B	1/4"	10
101A-C	3/8"	10
101A-D	1/2"	10



Cross

Part no.	Size	Std Pkg
102A-A	1/8"	10
102A-B	1/4"	10
102A-C	3/8"	10
102A-D	1/2"	10



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Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Compression Fittings



Compression Sleeve & Nut

Part no.		Size	Std Pkg
Sleeve	Nut		
60A-2	61A-2	1/8"	100
60A-3	61A-3	3/16"	100
60A-4	61A-4	1/4"	100
60A-5	61A-5	5/16"	100
60A-6	61A-6	3/8"	100
60A-7	61A-7	7/16"	50
60A-8	61A-8	1/2"	100

Compression Union

Part no.	Size	Std Pkg
62A-33	3/16"	10
62A-44	1/4"	50
62A-55	5/16"	10
62A-66	3/8"	50



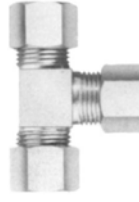
Inverted Compression Nuts

Part no.	Size	Std Pkg
181A-3	3/16"	25
181A-4	1/4"	25



Compression Tee

Part no.	Size	Std Pkg
64A-33	3/16"	10
64A-44	1/4"	10
64A-55	5/16"	5
64A-66	3/8"	10



Compression Elbow

Part no.	Size	Std Pkg
65A-33	3/16"	10
65A-44	1/4"	25
65A-55	5/16"	10
65A-66	3/8"	25



Compression x NPT Union

Part no.	Size	Std Pkg
68A-3A	3/16" x 1/8"	10
68A-4A	1/4" x 1/8"	50
68A-4B	1/4" x 1/4"	50
68A-4C	1/4" x 3/8"	25
68A-5A	5/16" x 1/8"	25
68A-5B	5/16" x 1/4"	25
68A-6A	3/8" x 1/8"	25
68A-6B	3/8" x 1/4"	50
68A-6C	3/8" x 3/8"	50
68A-8C	1/2" x 3/8"	25



Compression x NPT Elbow

Part no.	Size	Std Pkg
69A-4A	1/4" x 1/8"	25
69A-4B	1/4" x 1/4"	25
69A-4C	1/4" x 3/8"	10
69A-6A	3/8" x 1/8"	10
69A-6B	3/8" x 1/4"	25



Extra Heavy Nipples

(ASTM A-53) - Schedule 80 Pipe - Seamless Black Pipe Nipples.



Part no.	Size
1199F	1/4" x Close
1199G	1/4" x Short
1199L	1/4" x 2"
1199H	1/4" x 3"
1199I	1/4" x 4"
1199J	1/4" x 5"
1199K	1/4" x 6"
1198E	3/8" x Close
1198F	3/8" x Short
1198K	3/8" x 2"
1198G	3/8" x 3"
1198H	3/8" x 4"
1198I	3/8" x 5"
1198J	3/8" x 6"
1150	1/2" x Close
1150A	1/2" x Short
1150A-5	1/2" x 1 1/2"
1150B	1/2" x 2"
1150B-5	1/2" x 2 1/2"
1150C	1/2" x 3"
1150C-5	1/2" x 3 1/2"

1150D	1/2" x 4"
1150D-5	1/2" x 4 1/2"
1150E	1/2" x 5"
1150E-5	1/2" x 5 1/2"
1150F	1/2" x 6"
1151	3/4" x Close
1151B	3/4" x 1 1/2"
1151A	3/4" x 2"
1151A-5	3/4" x 2 1/2"
1151C	3/4" x 3"
1151C-5	3/4" x 3 1/2"
1151D	3/4" x 4"
1151D-5	3/4" x 4 1/2"
1151E	3/4" x 5"
1151E-5	3/4" x 5 1/2"
1151F	3/4" x 6"
1152	1" x Close
1152A	1" x 2"
1152A-5	1" x 2 1/2"
1152B	1" x 3"
1152B-5	1" x 3 1/2"
1152C	1" x 4"

1152C-5	1" x 4 1/2"
1152D	1" x 5"
1152D-5	1" x 5 1/2"
1152E	1" x 6"
1153	1 1/4" x Close
1153A	1 1/4" x 2"
1153A-5	1 1/4" x 2 1/2"
1153B	1 1/4" x 3"
1153B-5	1 1/4" x 3 1/2"
1153C	1 1/4" x 4"
1153C-5	1 1/4" x 4 1/2"
1153D	1 1/4" x 5"
1153D-5	1 1/4" x 5 1/2"
1153E	1 1/4" x 6"
1154	1 1/2" x Close
1154A	1 1/2" x 2"

1154A-5	1 1/2" x 2 1/2"
1154B	1 1/2" x 3"
1154B-5	1-1/2" x 3 1/2"
1154C	1-1/2" x 4"
1154C-5	1-1/2" x 4 1/2"
1154D	1-1/2" x 5"
1154D-5	1-1/2" x 5 1/2"
1154E	1-1/2" x 6"
1155	2" x Close
1155A	2" x 2 1/2"
1155B	2" x 3"
1155B-5	2" x 3 1/2"
1155C	2" x 4"
1155C-5	2" x 4 1/2"
1155D	2" x 5"
1155D-5	2" x 5 1/2"
1155E	2" x 6"

1156	2 1/2" x Close
1156A	2 1/2" x 3"
1156A-5	2 1/2" x 3 1/2"
1156B	2 1/2" x 4"
1156B-5	2 1/2" x 4 1/2"
1156C	2 1/2" x 5"
1156C-5	2 1/2" x 5 1/2"
1156D	2 1/2" x 6"
1157	3" x Close
1157A	3" x 3"
1157A-5	3" x 3 1/2"
1157B	3" x 4"
1157B-5	3" x 4 1/2"
1157C	3" x 5"
1157C-5	3" x 5 1/2"
1157D	3" x 6"

Nipple Assortment Packages

Part no.	Size	Nipples Included in Package											Nipple Box
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	
1008C	1/2"	6	6	6	6	6	6	6	6	6	6	66	-
1008D	1/2"	6	6	6	6	6	6	6	6	6	6	66	Yes
1009C	3/4"	6	-----	6	6	6	6	6	6	6	6	60	-
1009D	3/4"	6	-----	6	6	6	6	6	6	6	6	60	Yes
1010C	1"	6	-----	6	6	6	6	6	6	6	6	60	-

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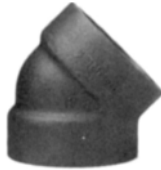
F18

Rev 8/20

Forged Steel Fittings

Forged Steel 45° Elbows - 2000 Lb.

Part no.	Size
1106A	1/4"
1106B	3/8"
1106	1/2"
1107	3/4"
1108	1"
1109	1 1/4"
1110	1 1/2"
1111	2"
1111A	2 1/2"
1111B	3"



Forged Steel 90° Elbows - 2000 Lb.

Part no.	Size
1099A	1/4"
1099B	3/8"
1100	1/2"
1101	3/4"
1102	1"
1103	1 1/4"
1104	1 1/2"
1105	2"
1105A	2 1/2"
1105B	3"



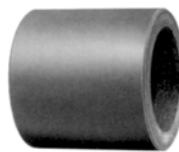
Forged Steel Tees - 2000 Lb.

Part no.	Size
1111C	1/4"
1111D	3/8"
1112	1/2"
1113	3/4"
1114	1"
1115	1 1/4"
1116	1 1/2"
1117	2"
1117A	2 1/2"
1117B	3"



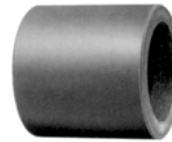
Couplings - 3000 Lb.

Part no.	Size
1117C	1/4"
1117D	3/8"
1118	1/2"
1119	3/4"
1120	1"
1121	1 1/4"
1122	1 1/2"
1123	2"
1124	2 1/2"
1125	3"



Reducing Couplings - 3000 Lb.

Part no.	Size
1190	1/2" x 1/4"
1191	3/4" x 1/2"
1192	1" x 3/4"
1193	1 1/4" x 3/4"
1193A	1 1/4" x 1"
1194	1 1/2" x 3/4"
1194A	1 1/2" x 1"
1194B	1 1/2" x 1 1/4"
1195	2" x 1 1/4"
1195A	2" x 1 1/2"
1196A	2 1/2" x 2"
1197	3" x 1 1/2"
1197A	3" x 2"
1197B	3" x 2 1/2"



Square Head Plugs - 2000 Lb.

Part no.	Size
1128	1/4"
1129	3/8"
1130	1/2"
1131	3/4"
1132	1"
1133	1 1/4"
1134	1 1/2"
1135	2"
1135B	3"



Forged Steel Unions - 2000 Lb.

Part no.	Size
1198A	1/4"
1198	3/8"
1142	1/2"
1143	3/4"
1144	1"
1145	1 1/4"
1146	1 1/2"
1147	2"
1147A	2 1/2"
1147B	3"



Forged Steel Handlebar Unions - 2000 Lb.

Part no.	Size
1165A	1"
1165B	1 1/4"
1165C	1 1/2"
1165D	2"
1165E	2 1/2"
1165F	3"



Forged Steel Bushings - 2000 Lb.

Part no.	Size
1135C	1/4" x 1/8"
1135D	3/8" x 1/4"
1136	1/2" x 1/4"
1136A	1/2" x 3/8"
1137	3/4" x 1/4"
1137A	3/4" x 3/8"
1137B	3/4" x 1/2"
1138	1" x 1/4"
1138A	1" x 3/8"
1138B	1" x 1/2"
1138C	1" x 3/4"
1139	1 1/4" x 1/4"
1139A	1 1/4" x 1/2"
1139B	1 1/4" x 3/4"
1139C	1 1/4" x 1"
1140	1 1/2" x 1/4"
1140A	1 1/2" x 1/2"
1140B	1 1/2" x 3/4"
1140C	1 1/2" x 1"
1140D	1 1/2" x 1 1/4"
1141	2" x 1/4"
1141A	2" x 3/4"
1141B	2" x 1"
1141C	2" x 1 1/4"
1141D	2" x 1 1/2"
1141G	2 1/2" x 2"
1141H	3" x 1 1/2"
1141I	3" x 2"



Seamless Black Swage Nipples

Part no.	Size
1158	3/4" x 1/2"
1159A	1" x 3/4"
1160	1 1/4" x 3/4"
1160A	1 1/4" x 1"
1162A	2" x 1 1/4"
1162B	2" x 1 1/2"
1164A	3" x 2"
1164B	3" x 2-1/2"



Nipple Boxes

Part no.	Description
50E	Nipple Box - 1/2" Close to 6" - holds 77 pcs
51E	Nipple Box - 3/4" Close to 6" - holds 66 pcs



F19

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F19

Rev 8/20

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA Auburn, WA Rapid City, SD
(800) 225-6621 (800) 426-9456 (800) 843-8660

Black Malleable Iron Fittings

Elbow

Part no.	Size	Degree	Std Pkg
1300A	1/4"	90°	30
1300B	3/8"	90°	30
1300C	1/2"	90°	50
1300D	3/4"	90°	35
1300E	1"	90°	20
1301A	1/2"	45°	50
1301B	3/4"	45°	40
1301C	1"	45°	30



90° Reducing Elbow

Part no.	Size	Std Pkg
1300F	3/4" x 1/2"	30
1300G	1" x 1/2"	20
1300H	1" x 3/4"	20



Street Elbow

Part no.	Size	Degree	Std Pkg
1302A	1/4"	90°	30
1302B	3/8"	90°	30
1302C	1/2"	90°	50
1302D	3/4"	90°	40
1302E	1"	90°	25
1303A	1/2"	45°	25
1303B	3/4"	45°	25
1303C	1"	45°	20



Bell Reducer

Part no.	Size	Std Pkg
1308A	1/4" x 1/8"	25
1308B	3/8" x 1/4"	25
1308C	1/2" x 3/8"	30
1308D	1/2" x 1/4"	30
1308E	3/4" x 1/2"	35
1308F	3/4" x 3/8"	35
1308G	3/4" x 1/4"	25
1308H	1" x 3/4"	25



Plug

Part no.	Size	Std. Pkg
1306A	1/4"	25
1306B	3/8"	25
1306C	1/2"	25
1306D	3/4"	25
1306E	1"	25
1306F	1 1/4"	25
1306G	1 1/2"	25
1306H	2"	25



Couplings

Part no.	Size	Std Pkg
1309A	1/4"	25
1309B	3/8"	25
1309C	1/2"	50
1309D	3/4"	50
1309E	1"	30



Hex Bushing

Part no.	Size	Std Pkg
1304A	1/4" x 1/8"	50
1304B	3/8" x 1/4"	25
1304C	3/8" x 1/8"	25
1304D	1/2" x 3/8"	25
1304E	1/2" x 1/4"	25
1304F	1/2" x 1/8"	25
1304G	3/4" x 1/2"	25
1304H	3/4" x 3/8"	25
1304I	3/4" x 1/4"	25
1304J	3/4" x 1/8"	25
1304K	1" x 3/4"	25
1304L	1" x 1/2"	25



Caps

Part no.	Size	Std. Pkg
1312A	1/4"	25
1312B	3/8"	25
1312C	1/2"	50
1312D	3/4"	40
1312E	1"	25



Straight & Reducing Tee

Part no.	Size	Std Pkg
1307A	1/4"	25
1307B	3/8"	25
1307C	1/2"	40
1307D	3/4"	35
1307E	1"	20
1307F	3/4" x 3/4" x 1/2"	35
1307G	1" x 1" x 3/4"	35



Union

Part no.	Size	Std Pkg
1305A	1/2"	40
1305B	3/4"	30
1305C	1"	18



Sch 40 Dielectric Union

Part no.	Size	Std Pkg
701-403	1/2"	100
701-404	3/4"	50
701-405	1"	50



Nipples

Part no.	Size
1313A	1/4" x Close
1313B	1/4" x 1 1/2"
1313C	1/4" x 2"
1313D	1/4" x 2 1/2"
1313E	1/4" x 3"
1313F	1/4" x 3 1/2"
1313G	1/4" x 4"
1313H	1/4" x 4 1/2"
1313I	1/4" x 5"
1313J	1/4" x 5 1/2"
1313K	1/4" x 6"
1314A	3/8" x Close
1314B	3/8" x 1 1/2"
1314C	3/8" x 2"
1314D	3/8" x 2 1/2"
1314E	3/8" x 3"
1314F	3/8" x 3 1/2"
1314G	3/8" x 4"
1314H	3/8" x 4 1/2"
1314I	3/8" x 5"
1314J	3/8" x 5 1/2"
1314K	3/8" x 6"
1315A	1/2" x Close
1315B	1/2" x 1 1/2"
1315C	1/2" x 2"
1315D	1/2" x 2 1/2"
1315E	1/2" x 3"
1315F	1/2" x 3 1/2"
1315G	1/2" x 4"
1315H	1/2" x 4 1/2"
1315I	1/2" x 5"



1315J	1/2" x 5 1/2"
1315K	1/2" x 6"
1315N	1/2" X 8"
1315P	1/2" X 10"
1315R	1/2" X 12"
1316A	3/4" x Close
1316B	3/4" x 1 1/2"
1316C	3/4" x 2"
1316D	3/4" x 2 1/2"
1316E	3/4" x 3"
1316F	3/4" x 3 1/2"
1316G	3/4" x 4"
1316H	3/4" x 4 1/2"
1316I	3/4" x 5"
1316J	3/4" x 5 1/2"
1316K	3/4" x 6"
1316N	3/4" x 8"
1316P	3/4" x 10"
1316R	3/4" x 12"
1317A	1" x Close
1317C	1" x 2"
1317D	1" x 2 1/2"
1317E	1" x 3"
1317F	1" x 3 1/2"
1317G	1" x 4"
1317H	1" x 4 1/2"
1317I	1" x 5"
1317J	1" x 5 1/2"
1317K	1" x 6"

Part no.	Size	Nipples Included in Package										Total	
		Close	1 1/2"	"2	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"		6"
1319A	1/4"	6	6	6	6	6	6	6	6	6	6	6	66
1319B	3/8"	6	6	6	6	6	6	6	6	6	6	6	66
1319C	1/2"	6	6	6	6	6	6	6	6	6	6	6	66
1319D	3/4"	6	-----	6	6	6	6	6	6	6	6	6	60
1319E	1"	6	-----	6	6	6	6	6	6	6	6	6	60

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Rev 8/20

Pipe Sealants & Tapes

Gasola Plastic Lead Seal

Non-hardening for use on pipe joints, plugs, fittings, flanges and gaskets.

Part no.	Size	Carton Qty
PB-04	1/4 Pint	24
PB-16	1 Pint	12



Gasola "Soft-Set" Teflon Sealant

Non-hardening for metals and plastics. Remains pliable inside the pipe joint.

Part no.	Size	Carton Qty
SS-04	1/4 Pint	24
SS-08	1/2 Pint	24
SS-16	1 Pint	12



Yellow Gas Line Thread Seal Tape - PTFE

Specifically designed to seal threads in natural gas, propane, butane, kerosene and petroleum oil lines. Meets MIL Spec T-27730A. For use on threads not exceeding 1 1/2"

Part no.	Width x Length
9000-100	1/2" x 260'



Teflon Thread Tape

Part no.	Size
9010	1/2" x 260" Teflon Thread Tape
9014	1/2" x 520" Teflon Thread Tape



Gas Seal Tape

Maximum density Teflon thread sealing tape.

Part no.	Description
GST-1	1/2" x 260" Gas Seal Tape
GST-2	3/4" x 260" Gas Seal Tape
GST-3	1" x 260" Gas Seal Tape



Pasco Pipe Wrap Tape

PVC plastic tape with special high tack adhesives formulated to resist corrosion.

Part no.	Size/Mil	Carton Quantity
9051	1" x 100 ft./10	48
9052	2" x 100 ft./10	24
9061	1" x 100 ft./20	48
9062	2" x 100 ft	24



Pipe Tools

Heavy Duty Pipe Cutters

Fast, clean pipe cutting by hand or power. Equipped with tough blade cutter wheel. Can convert to 3-wheel cutter by replacing rollers with cutters wheels.

Part no.	Description
1-A	1/8" - 1 1/4" capacity
2-A	1/8" - 2" capacity



Top Screw Bench Chain Vises

Chain tightens by handy top crank-handle that's anchored to base. Handy pipe rest and bender.

Part no.	Description
BC-210	1/8" - 2 1/2" capacity



Large vise base overhangs front legs for clear tool swing; has rear pipe rest, tool hanger slots, 3 pipe benders and ceiling brace screw. Integral folding legs and tool tray lock open for sturdy work bench, close for easy carrying.

Part no.	Description
450	1/8" - 5" capacity



Spiral Ratchet Pipe Reamer

Spiral design. Complete with handle.

Part no.	Description
2-S	Spiral ratchet pipe reamer



Pipe Extractors

Quick extraction of broken threaded ends of pipe plugs, fittings, etc.

Part no.	Description
883	6 piece set, 1/8" - 1"



Pipe Taps

Carbon tool steel. American Standard (NPT) right hand taper threads.

Part no.	Description
E-5112	For 1/8" pipe
E-5113	For 1/4" pipe
E-5114	For 3/8" pipe
E-5115	For 1/2" pipe
E-5116	For 3/4" pipe
E-5117	For 1" pipe
E-5118	For 1 1/4" pipe
E-5120	For 2" pipe



F21

Dormont Stainless Steel Connectors

Dormont stainless steel flex connectors offer greater safety than conventional epoxy-coated brass connectors. Physically stronger and more resistant to corrosion, crushing, kinking and cracking, they provide a longer and more trouble-free service life. Exclusive no-neck design increases tubing flexibility by enclosing the first few corrugations within the nut. Dormont connectors are design certified by AGA under ANZI Z21.24 and Z21.45 for indoor use and Req. No. 3-87 for outdoor use. IAPMO TSC 9-92 approved for mobile home use.



Residential Appliance Connectors - "N" Series

F22

Corrugated stainless steel. Pressure rating 1/2 psig.



Application	Description	Part no.							
		12"	18"	24"	30"	36"	48"	60"	72"
Water heater, gas log, space heater	3/8" O.D., 1/4" I.D., 1/2" MIP x 1/2" FIP	10-3132-12	10-3132-18	10-3132-24	-----	10-3132-36	-----	-----	-----
	3/8" O.D., 1/4" I.D., 1/2" MIP x 1/2" FIP, w/ valve	10-3135-12	10-3135-18	10-3135-24	-----	10-3135-36	-----	-----	-----
Gas Dryer	1/2" O.D., 3/8" I.D., 1/2" MIP x 1/2" FIP	20-3132-12	20-3132-18	20-3132-24	20-3132-30	20-3132-36	20-3132-48	20-3132-60	20-3132-72
	1/2" O.D., 3/8" I.D., 1/2" MIP x 1/2" FIP, w/ valve	20-3135-12	20-3135-18	20-3135-24	-----	20-3135-36	-----	-----	-----
Gas range, oven, furnace	5/8" O.D., 1/2" I.D., 1/2" MIP x 1/2" FIP	30-3132-12	30-3132-18	30-3132-24	30-3132-30	30-3132-36	30-3132-48	30-3132-60	30-3132-72
	5/8" O.D., 1/2" I.D., 3/4" MIP x 3/4" FIP	30-4142-12	30-4142-18	30-4142-24	-----	30-4142-36	-----	30-4142-48	-----
High BTU applications	1" O.D., 3/4" I.D., 3/4" MIP x 3/4" FIP	-----	40-4142-18	40-4142-24	40-4142-30	40-4142-36	40-4142-48	40-4142-60	40-4142-72
	1 1/4" O.D., 1" I.D., 1" MIP x 1" FIP	-----	50-5152-18	50-5152-24	50-5152-30	50-5152-36	50-5152-48	50-5152-60	50-5152-72

Appliance Connectors- "NP" Series

Corrugated stainless steel, covered with a durable Supr-Flex PVC coating that will not wrinkle, peel or crack. Pressure rating 1/2 psig.



Application	Description	Part no.							
		12"	18"	24"	30"	36"	48"	60"	72"
Mobile Home, Commercial/ industrial, outdoor residential installations.	5/8" O.D., 1/2" I.D., 1/2" MIP x 1/2" FIP	31-3132-12	31-3132-18	31-3132-24	31-3132-30	31-3132-36	31-3132-48	31-3132-60	31-3132-72
	1" O.D., 3/4" I.D., 3/4" MIP x 3/4" FIP	-----	-----	41-4142-24	41-4142-30	41-4142-36	41-4142-48	41-4142-60	41-4142-72
	1 1/4" O.D., 1" I.D., 1" MIP x 1" FIP	-----	-----	51-5152-24	51-5152-30	51-5152-36	51-5152-48	51-5152-60	51-5152-72

Stationary Foodservice Appliance Connectors

Stainless steel corrugated hose coated with Supr-Flex PVC coating. Ideal for fixed-leg, curb-mount or table top gas equipment installations. Easier and faster to install than traditional rigid piping. Fittings are male x female. Pressure rating 1/2 psig.

Description	Part no.					
	12"	24"	36"	48"	60"	72"
3/8" I.D.	1637NPFS12	1637NPFS24	1637NPFS36	1637NPFS48	1637NPFS60	1637NPFS72
1/2" I.D.	1650NPFS12	1650NPFS24	1650NPFS36	1650NPFS48	1650NPFS60	1650NPFS72
3/4" I.D.	1675NPFS12	1675NPFS24	1675NPFS36	1675NPFS48	1675NPFS60	1675NPFS72
1" I.D.	16100NPFS12	16100NPFS24	16100NPFS36	16100NPFS48	16100NPFS60	16100NPFS72
1 1/4" I.D.	16125NPFS12	16125NPFS24	16125NPFS36	16125NPFS48	16125NPFS60	16125NPFS72



F23

Moveable Foodservice Appliance Connectors

"B" Series- Stainless steel corrugated hose encased in stainless steel braid. Fittings are male x female. Pressure rating 1/2 psig.

Description	Part no.					
	12"	24"	36"	48"	60"	72"
1/2" I.D.	1650B12	1650B24	1650B36	1650B48	1650B60	1650B72
3/4" I.D.	1675B12	1675B24	1675B36	1675B48	1675B60	1675B72
1" I.D.	16100B12	16100B24	16100B36	16100B48	16100B60	16100B72
1 1/4" I.D.	16125B12	16125B24	16125B36	16125B48	16125B60	16125B72



"BP" Series- Stainless steel corrugated hose encased in stainless steel braid. Supr-Flex PVC coated. Fittings are male x female. Pressure rating 1/2 psig.

Description	Part no.					
	12"	24"	36"	48"	60"	72"
1/2" I.D.	1650BP12	1650BP24	1650BP36	1650BP48	1650BP60	1650BP72
3/4" I.D.	1675BP12	1675BP24	1675BP36	1675BP48	1675BP60	1675BP72
1" I.D.	16100BP12	16100BP24	16100BP36	16100BP48	16100BP60	16100BP72
1 1/4" I.D.	16125BP12	16125BP24	16125BP36	16125BP48	16125BP60	16125BP72



"BPQ" Series- Stainless steel corrugated hose encased in stainless steel braid. Supr-Flex PVC coated. Fitted with A-type "Push-to-Connect" quick disconnect coupling. Fittings are male x male. Pressure rating 1/2 psig.

Description	Part no.					
	12"	24"	36"	48"	60"	72"
1/2" I.D.	1650BPQ12	1650BPQ24	1650BPQ36	1650BPQ48	1650BPQ60	1650BPQ72
3/4" I.D.	1675BPQ12	1675BPQ24	1675BPQ36	1675BPQ48	1675BPQ60	1675BPQ72
1" I.D.	16100BPQ12	16100BPQ24	16100BPQ36	16100BPQ48	16100BPQ60	16100BPQ72
1 1/4" I.D.	16125BPQ12	16125BPQ24	16125BPQ36	16125BPQ48	16125BPQ60	16125BPQ72



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Rev 8/20

Quick Disconnects

B-Type

Standard brass quick disconnect based on a traditional industrial design. Features a soldered thermal shutoff. Pressure rating 1/2 psig.

Complete Couplings

Part no.	Description
B37	Coupling, 3/8" F.I.P. x 3/8" F.I.P.
B50	Coupling, 1/2" F.I.P. x 1/2" F.I.P.
B75	Coupling, 3/4" F.I.P. x 3/4" F.I.P.

A-Type

Type -A quick disconnects feature a "push to connect" design, so there is no need to slide or hold the operating ring. Gas flow begins as soon as the components are joined and stops on separation. Thermal shutoff provided by a polymer ring in the nipple which melts at 350° F, allowing a heavy duty spring in the coupling to shut off the gas supply.



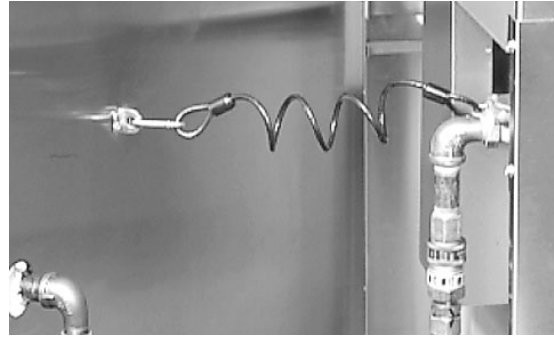
Complete Couplings

Part no.	Description
A50	Coupling, 1/2" F.I.P. x 1/2" F.I.P.
A75	Coupling, 3/4" F.I.P. x 3/4" F.I.P.
A100	Coupling, 1" F.I.P. x 1" F.I.P.
A125	Coupling, 1 1/4" F.I.P. x 1 1/4" F.I.P.



Dormont
A WATTS Brand

Restraints



Part no.	Description
RDC-24	Coiled restraint for 12" and 24" connectors
RDC-36	Coiled restraint for 36" connector
RDC-48	Coiled restraint for 48" connector
RDC-60	Coiled Restraint for 60" connector

Maxitrol Lever Acting Regulators

325-3 Series - 100,000 btu/hr
Available pipe sizes: 3/8", 1/2"

325-5A Series - 250,000 btu/hr
Available pipe sizes: 1/2", 3/4", 1"

325-7 Series - 900,000 btu/hr
Available pipe sizes: 1 1/4", 1 1/2"



Maxitrol Regulator Venting Options

12A09 - CSA certified for 2 psi (LP-Gas) and 5 psi (Natural Gas) with 325-3 and 325-3L. Color: green. 1/8" NPT

12A39 - CSA certified for 2 psi (LP-Gas) and 5 psi (Natural Gas) with 325-5A and 325-5AL. Color: brass. 3/8" NPT

Appliance Ball Valves

AGA certified, UL Listed. Meets ANZI Z21.15. -35°F - +125°F. 1/4 turn lever handle type.

Connector Valves - Flare X FIP

Part no.	Description
91-1032	3/8" OD flare X 1/2" FIP
91-2032	1/2" OD flare X 1/2" FIP
91-3032	5/8" OD flare (15/16"-16 thread) X 1/2" FIP
91-3042	5/8" OD flare (15/16"-16 thread) X 3/4" FIP



Flare Valves - Flare X Flare

Part no.	Description
91-1010	3/8" OD X 3/8" OD
91-2020	1/2" OD X 1/2" OD



Straight Valves - FIP X FIP

Part no.	Description
92-2222	3/8" FIP X 3/8" FIP Straight
92-3232	1/2" FIP X 1/2" FIP Straight
92-4242	3/4" FIP X 3/4" FIP Straight



Straight Valves - FIP X FIP (side tapped)

Part no.	Description
92ST-3232	1/2 FIP w/side tap
92ST-4242	3/4 FIP w/side tap



Gas Measurement System

FloPro™ MD Gas Measurement System

Operating range: 15,000 - 500,000 btu/hr (propane)

Measures/Displays the Following:

- Gas Flow Rate in Cubic Feet/Hour (CFH)
- Gas Flow Capacity in BTU/Hour
- Gas pressure measurement in inches water column (" w.c.)

Corrosion-resistant aluminum construction with black finish. Annunciator LEDs communicate device status. Standard 3/4" Female NPT connections.



Part no.	Description
68004852	3/4" FNPT X 3/4" FNPT FloPro MD



Lead-Free Tankless Water Heater Connection Kits

Greater Productivity: Easier, Faster Installation, No field stripping or cutting. Fewer Leak Points: Reduces the need for pipe nipples, 90s and elbows. Simplifies Maintenance: Flush and Purge Points. 3/4" FPT Connection. Kits come with ULTRAflow High BTU Gas Connectors and two 24" braided, stainless steel water connectors.



FKIT Series Single Union Tankless Water Heater Gas and Water Connection Kit

KIT Series Dual Union Tankless Water Heater Gas and Water Connection Kit

Lead-Free Tankless Water Heater Connection Kits

Part no.	Description
Single Union	
LFTV75FKIT18	Lead-Free Single Union Service Valve set, 18" ULTRAflow, (2) Water Connectors
LFTV75FKIT24	Lead-Free Single Union Service Valve set, 24" ULTRAflow, (2) Water Connectors
LFTV75FKIT36	Lead-Free Single Union Service Valve set, 36" ULTRAflow, (2) Water Connectors
Double Union	
LFTV75KIT18	Lead-Free Double Union Service Valve set, 18" ULTRAflow, (2) Water Connectors
LFTV75KIT24	Lead-Free Double Union Service Valve set, 24" ULTRAflow, (2) Water Connectors
LFTV75KIT36	Lead-Free Double Union Service Valve set, 36" ULTRAflow, (2) Water Connectors

California and Vermont have passed legislation that lowers lead content standards for plumbing, fittings, pipes and valves that come in contact with water used for drinking or cooking. The above Lead-Free Tankless Water Heater Connection Kits meet these standards.

Tankless Water Heater Connection Kits (not lead-free)

Part no.	Description
Single Union	
TV75FKIT18	Single Union Service Valve set, 18" ULTRAflow, (2) Water Connectors
TV75FKIT24	Single Union Service Valve set, 24" ULTRAflow, (2) Water Connectors
TV75FKIT36	Single Union Service Valve set, 36" ULTRAflow, (2) Water Connectors
Double Union	
TV75KIT18	Double Union Service Valve set, 18" ULTRAflow, (2) Water Connectors
TV75KIT24	Double Union Service Valve set, 24" ULTRAflow, (2) Water Connectors
TV75KIT36	Double Union Service Valve set, 36" ULTRAflow, (2) Water Connectors

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Order Online: www.teecoproducts.com
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F25

Sacramento, CA Auburn, WA Rapid City, SD
(800) 225-6621 (800) 426-9456 (800) 843-8660

Rev 8/20

F25

Appliance Ball Valves

Jomar Blue Cap II

Approved for 5 lb. systems. Temperature range of -40°F to 230°F. Ideal for outside use in cold climates. UL Listed 600 WOG. Double Viton O-rings prevent stem leakage. Reversible T-handle allows locking valve in closed position. CSA design certified.



Jomar Gas Ball Valves, 2 Piece Flare Connection with Side Tap, 600 WOG

Eliminates need for test tee and labor to install. Ideal for use outside in extremely cold climates. Removable plug enables port for pressure gauge. Valve can be locked in the closed position by reversing the handle. 2 Viton® o-rings. 1/8" side tap. 100% leak tested. Leakproof stem - Lifetime Warranty.



F26

Part no.	Description
101-403	1/2" FIP x 1/2" FIP T204 T-Handle
101-404	3/4" FIP x 3/4" FIP T204 T-Handle
101-601	1/2" Flare x 3/8" Flare T204 T-Handle
101-602	3/8" Flare x 3/8" Flare T204 T-Handle
101-603	1/2" Flare x 1/2" Flare T204 T-Handle
101-604	5/8" Flare x 5/8" Flare T204 T-Handle

Part no.	Description
102-303	1/2" FIP x 1/2" FIP T203 T-Handle
102-304	3/4" FIP x 3/4" FIP T203 T-Handle
102-402	3/8" Flare x 3/8" Flare T203 T-Handle
102-403	1/2" Flare x 1/2" Flare T203 T-Handle

Seismic Shutoff Valves

Earthquake sensitive gas shut-off valve. Designed to close in the event of an earthquake, preventing gas flow into a structure where earthquake damage may have occurred. Reduces the potential for fire or explosion due to the release of gas into a structure. Designed to remain closed until manually reset. Not intended for replacing upstream manual shutoff valves. **Made in the USA.**

The trip mechanism is factory set and sealed. A sight glass is provided so that the Open or Closed indicator can be seen, and the trip mechanism status of the valve can be easily determined.

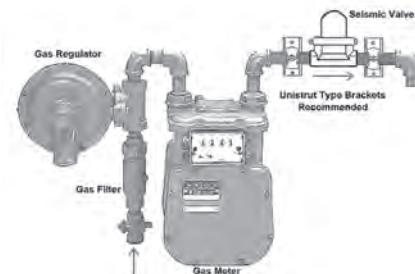
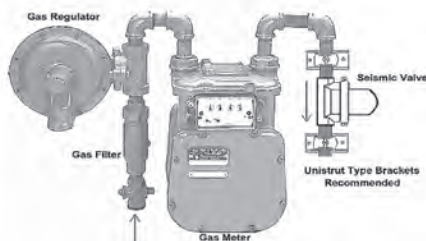
Vertical Top Entry Seismic Shutoff Valves

Part no.	Description
EV-VT300-7	Earthquake valve, 3/4" 7 PSI
EV-VT310-60	Earthquake valve, 3/4" 60 PSI
EV-VT301-7	Earthquake valve, 1" 7 PSI
EV-VT311-60	Earthquake valve, 1" 60 PSI
EV-VT302-7	Earthquake valve, 1 1/4" 7 PSI
EV-VT312-60	Earthquake valve, 1 1/4" 60 PSI
EV-VT303-7	Earthquake valve, 1 1/2" 7 PSI
EV-VT313-60	Earthquake valve, 1 1/2" 60 PSI
EV-VT314-60	Earthquake valve, 2" 60 PSI
EV-VT315-30	Earthquake valve, 3" 60 PSI



Horizontal Entry Seismic Shutoff Valves

Part no.	Description
EV300-7	Earthquake valve, 3/4" 7 PSI
EV310-60	Earthquake valve, 3/4" 60 PSI
EV301-7	Earthquake valve, 1" 7 PSI
EV311-60	Earthquake valve, 1" 60 PSI
EV302-7	Earthquake valve, 1 1/4" 7 PSI
EV312-60	Earthquake valve, 1 1/4" 60 PSI
EV303-7	Earthquake valve, 1 1/2" 7 PSI
EV313-60	Earthquake valve, 1 1/2" 60 PSI
EV314-60	Earthquake valve, 2" 60 PSI
EV315-60	Earthquake valve, 3" 60 PSI



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Rev 8/20

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(800) 225-6621

Auburn, WA
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Rapid City, SD
(800) 843-8660

Tank/Cylinder Paints, Low VOC

No. 5 Tank Enamel

Great coverage and optimum hiding power. Covers perfectly in one coat, slow chalking, looks good for years. Ideal for covering good painted surfaces. Call for others not listed. Low in Volatile Organic Compounds (VOC)

Part no.	Description
5LV	White, gallon
5-5LV	White, 5 gallon
0130LV	Mist Gray, gallon
0166LV	Rural Green, gallon
0184LV	Tan, gallon
4450LV	Pearl Aluminum Gray, gallon



Silicone Alkyd Enamel

Modified with silicone for a high-gloss finish which retains gloss and color. Withstands sun, moisture, heat and industrial atmosphere. Low VOC.

Part no.	Description
S-7LV	White, gallon



Primers, Low VOC

Epoxy Ester Primer

Rust inhibitive single pack epoxy. Excellent adhesion properties. Superior weather and corrosion resistance. Low VOC

Part no.	Description
M150LV	White primer, gallon
M150-5LV	White primer, 5 gallons
1373LV	Gray primer, gallon
L9200LV	Gray/Green primer, gallon



Enviro-Tuff Industrial Enamels

Weather resistant, durable and easy to apply. Excellent color retention. Low VOC. Lead and chrome free.

Part no.	Description
625LV	Federal Yellow, gallon
677LV	J.D. Green, gallon
685LV	Safety Yellow, gallon
699LV	I.H. Red, gallon



Foot Ring Protector, Low VOC

Phenolic, designed to penetrate rust and provide a chemical resistant finish durable enough to protect the bottoms of cylinders. Low VOC.

Part no.	Description
L-122LV	Black, w/mat, gallon



Aluminum Finishes

Aluminum Tank Paint

An excellent finish for bulk and customer tanks and pipes. Great weather durability. 2000-P offers maximum amount of aluminum metal paste per gallon.

Part no.	Description
2000-P	Aluminum, high pigment, gallon

Strontium Chromate Aluminum

Contains a chromate paste to provide a tough finish over marginally prepared surfaces. Prevents corrosion. Easy one-coat coverage.

Part no.	Description
2110-P	Aluminum, gallon

Special Colors: Special color orders will require 48 gallons or more. For these orders, over-runs up to 10% of the order will ship without notification.

Non-Low VOC versions still available for a limited time. Paint & Thinners shipped by UPS ground or motor freight only.

Thinner / Wetting Agents

XL Thinner, Low VOC

Part no.	Description
X-LLV	Paint thinner, gallon



Penetrol

Daub or brush on Penetrol wherever rust cannot be removed. May be mixed with paint to slow its drying time. Displaces air or moisture in rust.

Part no.	Description
M150-WAG	Penetrol wetting agent, gallon



G2

Corroseal™

Rust inhibitor and converter. Converts rust into an inert substance that can be top coated for total rust protection.

Part no.	Description
CS-32	Corroseal, 32 oz.
CS-1	Corroseal, gallon
CS-5	Corroseal, 5 gallon
CS-52	Corroseal, 52 gallon



Paint Application Tools & Kits

Bucket bonnets keeps air out of a partially filled 5 gallon paint for two days or longer.

Part no.	Description
BG-2	5 gallon empty bucket
BB-3	Bucket bonnets (3)
BG-1	Bucket grid



Part no.	Description
BG-3	Wire brush w/scrapper



2" wide tank trimmer brush has foot-long handle to stand up in bucket.

Part no.	Description
BG-4	Tank trimmer brush



Thread handle for extension pole. Cover is 9", extra thick real lambswool.

Part no.	Description
9-K	Roller
9-V16	Roller cover



Segmented cylinder and pipe roller conforms to uneven surfaces.

Part no.	Description
63-FLL	Cylinder and pipe roller
6-FLL	Roller refill for 63-FLL



Extension for 9-K and 63-FLL rollers.

Part no.	Description
EX-3P	42" extension pole



Part no.	Description
9-X11	Production sandpaper



Paint Application Kit

Includes (3) BB-3 bucket bonnets, (2) BG-1 bucket grids, (2) BG-2 empty 5 gallon buckets, (2) 9-K rollers, (4) 9-V16 roller covers, (1) EX-3P extension pole, (2) BG-4 tank trimmer brush, (1) BG-3 wire brush and (10) 9-X11 sandpaper sheets.

Part no.	Description
BG-10	Paint application kit

Paint & Thinners shipped by UPS ground or motor freight only.

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G2

Rev 8/20

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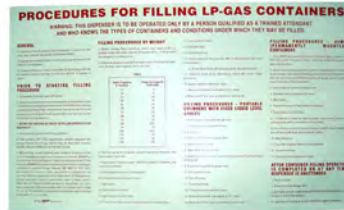
Rapid City, SD
(800) 843-8660

Signs

Filling Instruction Sign

20" x 12" sign. Red letters on white background. Available on heavy gauge vinyl for sign mounting or as pressure sensitive vinyl decal.

Part no.	Description
D66SN	Vinyl sign, filling instructions
D90TPI	Vinyl decal, filling instructions
D67	Vinyl decal, filling instructions, Spanish

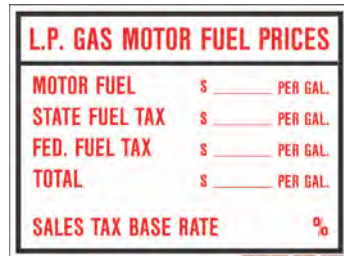


D90TPI

Motor Fuel Price Sign

8" x 12" sign. Red letters on white background, w/blue vinyl price numerals. Available on heavy gauge vinyl for sign mounting or as pressure sensitive vinyl decal. Replacement numerals available.

Part no.	Description
PV168MSN	Vinyl sign, motor fuel prices
PV168M	Vinyl decal, motor fuel prices
D71	Replacement numerals (10 sets)



Cylinder Fuel Price Sign

8" x 12" sign. Red letters on white background, w/blue vinyl price numerals. Available on heavy gauge vinyl for sign mounting or as pressure sensitive vinyl decal. Replacement numerals available.

Part no.	Description
PV168CSN	Vinyl sign, cylinder fuel prices
PV168C	Vinyl decal, cylinder fuel prices
D71	Replacement numerals (10 sets)



1075 Sign

Magnetic backing. Red with black letters.

Part no.	Description
D11	Magnetic sign, 15" x 15"



Push/Pull to Close Sign

Part no.	Description
P81	Plastic Sign, 10" x 12" Pull To Close
P82	Plastic Sign, 10" x 12" Push to Close



OPD Sign

Part no.	Description
S35483	OPD sign, metal 18" x 24"



Truck Decals

More decals available. Please call Teeco.

Flammable Gas Sign

Diamond shape. Red letters on white vinyl.



Part no.	Description
D90FZ	Vinyl decal, 10 1/2" x 10 1/2"

1075/1978 Sign

Diamond shape. Red with black letters.

1978



Part no.	Description
P1075	Hard plastic 10.625" x 10.625"
D10	Vinyl sticker, 10 1/2" x 10 1/2"
D1978	1978 overlay for 90-FZ-1 decal
PV110	Vinyl 1075 decal, 4" x 4"

Emergency Shutoff Decal for Trucks

Red letters (.92" high) on white background



Part no.	Description
D-83B	Emergency Shutoff decal for trucks

Hazardous Cargo Vehicle Decal

Must be displayed on all trucks operating under DOT Interim Final Rule 49 CFR 171.5. White letters on black vinyl.

OPERATING UNDER 49 CFR 171.5

Part no.	Description
PV49CFR	Vinyl decal, 5 7/8" x 2 5/16"

Hydro Retest Decal

1 2 3 4 5 6 7 8 9 0 - 92
1 2 3 4 5 6 7 8 9 0 - 93
1 2 3 4 5 6 7 8 9 0 - 94
1 2 3 4 5 6 7 8 9 0 - 95
1 2 3 4 5 6 7 8 9 0 - 96
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V , I , P , K , T , V , K , V , K ,

Part no.	Description
D89	DOT test date number kit, black letters

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Order Online: www.teecoproducts.com
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Engine Fuel Decals

NFPA 58 approved. Printed on reflective pressure sensitive vinyl.

Part no.	Description
D85	PROPANE decal, black
D85C	CNG decal, blue



Part no.	Description
PV099	Vinyl decal, 1 1/2" x 9", red letters
PV100	Vinyl decal, 1 1/2" x 9", black letters



Part no.	Description
PV101	Vinyl decal, 1 1/2" x 5", blue letters



G4

DOT Cylinder Decals

Required on all DOT cylinders. Red and black on white pressure sensitive vinyl.



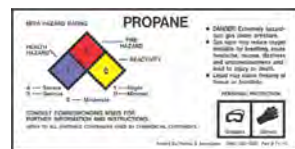
Part no.	Custom Cylinder Decal Dimensions
GHSD-60BI	2.24"h x 5.96"w
GHSD-60EI	1.98"h x 5.10"w
GHSD-6065BI	4.2"h x 8.04"w
GHSD-625BI	4"h x 8"w

Required on all DOT cylinders. Black on yellow vinyl.

Part no.	Description
D10258	Warning decal, 3.25" x 5.375" (100/pack)



Meets OSHA HazMat requirements for commercial customer. Red, blue, yellow and black lettering.



Part no.	Description
DHZ116	Vinyl decal, 2 1/2" x 5" (pack of 100)

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Vinyl Decals

Meets OSHA HazMat requirements for commercial customer. Red, blue, yellow and black lettering.

Part no.	Description
D8V7041	Vinyl decal, 7.5" x 7.5"
D8V7042	Vinyl decal, 10.75" x 10.75"
D8V7043	Vinyl decal, 15" x 15"
DL98	Vinyl decal, 11" x 11"



Fuel Content Decals

Meets requirements of FTC Publication 16 CFR, Part 306. 85% and 90% available. Black and yellow.

Part no.	Description
D44	Vinyl decal, 85% Propane
D46	Vinyl decal, 90% Propane



Vinyl Decals

For a variety of applications.

Part no.	Description
D12	Vinyl decal, 27" x 4", 1 1/2" red letters



Part no.	Description
D13	Vinyl decal, 6" x 20", 4" red letters



Part no.	Description
D15	Vinyl decal, 2 1/2" x 11 1/4", 2" red letters
PV15SPV	D15 decal, Spanish
D14	Vinyl decal, 6" x 24", 6" red letters



Part no.	Description
D16	Vinyl decal, 6" x 24", 4" red letters



Part no.	Description
D22	Vinyl decal, 4" x 12", 2" red letters
PV103	Vinyl decal, 4" x 16", 3" red letters
PL25	Vinyl decal, 6" x 21", 4" red letters



Vinyl Decals

Part no.	Description
PV102	Vinyl decal, 4" x 12", 2" red letters

Part no.	Description
D51	Vinyl decal, 1½" x 2¾", 3/4" red letters

Part no.	Description
D37C	Vinyl decal, 3" x 25", curved, 2" red letters

Part no.	Description
D37S	Vinyl decal, 3" x 25", straight, 2" red letters

Part no.	Description
PV105	Vinyl decal, 1¼" x 4", 1" red letters

Part no.	Description
D38	Vinyl decal, 6" x 29", 4" red letters

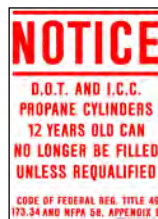
Part no.	Description
D42	Vinyl decal, 1" x 4¾", 5/16" red letters

Part no.	Description
D77	Vinyl decal, 12" x 16", red letters
PS077-12	Plastic sign, 12" x 16", red letters

Part no.	Description
D47	Vinyl decal, 1" x 3", ¾" red letters

Part no.	Description
D48	Vinyl decal, 1" x 3", 3/4", green letters

Part no.	Description
D36	Vinyl decal, 3" x 38", 2" red letters.



PLEASE TURN OFF ENGINE WHEN REFUELING

Part no.	Description
PV106	Vinyl decal, 10½" x 3", red letters

Part no.	Description
PV478	Vinyl decals (12), 1½" x 3"

Part no.	Description
D41	Vinyl decal, 1" x 4¾", 5/16" red letters

Part no.	Description
D83	Vinyl decal, 2" x 6", red letters

Note: D83 is not to be used on bobtail transport trucks to label the Emergency Valve. For these applications, use D-83B.

Part no.	Description
D59	Vinyl decal, 5 5/8" x 8 1/2" PULL HANDLE
D59A	PUSH BUTTON decal for D59

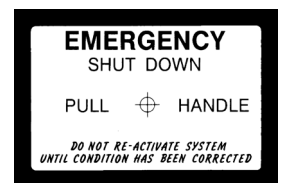
Part no.	Description
D31	Vinyl decal, 4" x 24", 3" red letters

Part no.	Description
V81	Vinyl decal, 10" x 12", Pull To Close
V82	Vinyl decal, 10" x 12", Push To Close

Part no.	Description
D56	Vinyl decal, 3/4" x 1 1/8", 3/8" black letters

Part no.	Description
D57	Vinyl decal, 3/4" x 1 1/8", 3/8" black letters

Part no.	Description
D64	Vinyl decal, 6" x 6", black letters on yellow vinyl



PUSH BUTTON



86 1/2%

90%



G5

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Vinyl Decals (cont'd)

Part no.	Description
PV108	Vinyl decal, 4 3/4" x 4", red/black letters

CAUTION
1. Reset meter to zero.
2. Start pump before connecting to cylinder.
3. Connect hose valve to fill connection.
4. Open hose valve slowly.
5. Do not overfill.

Part no.	Description
PV109	Vinyl decal, 3 5/8" x 5 1/2", 15/16" red letters

**EMERGENCY
PROPANE
SWITCH**

Part no.	Description
D53	8.5" x 11" Emergency Procedure decal, white w/red letters
94-D-53	8.5" x 11" Emergency Procedure decal, red w/white letters

Emergency Procedure
If an unintentional release of product occurs during unloading, perform the following:

- Immediately activate the main liquid withdrawal (shut) valve remote control to stop the flow of propane.
- Shut-off the truck engine as quickly as possible to remove a potential source of ignition and stop the PFD.
- If unable to stop leak:
 - Evacuate all personnel to the downwind area. Use the nearest exit to evacuate and avoid the area.
 - Notify emergency authorities (911) and advise of the nature of the release.
 - Do not use any electrical equipment, mobile or cellular, in the area until notified.
 - Do not use any propane equipment, such as mobile, light, portable, or other propane equipment, in the area until notified.
 - Do not use any propane equipment, such as mobile, light, portable, or other propane equipment, in the area until notified.
- ABLE to stop the leak:
 - Evacuate all personnel to the downwind area, use of propane is not required.
 - Notify the nearest Office of the situation, using a safe means of communication.
 - Keep all propane equipment, equipment, the area of the tank and nozzle, clear of all activities.
 - At all times, maintain a safe distance from the area until notified.
 - Evacuate all personnel to the downwind area, use of propane is not required.

Always follow the instructions on the emergency procedure decal.

Emergency Procedure
If an unintentional release of product occurs during unloading, perform the following:

- Immediately depress the red emergency STOP button on the PFD Emergency Procedure Indicator.
- Evacuate all personnel to the downwind area. Use the nearest exit to evacuate and avoid the area.
- Notify emergency authorities (911) and advise of the nature of the release.
- Do not use any electrical equipment, mobile or cellular, in the area until notified.
- Do not use any propane equipment, such as mobile, light, portable, or other propane equipment, in the area until notified.
- Do not use any propane equipment, such as mobile, light, portable, or other propane equipment, in the area until notified.

Always follow the instructions on the emergency procedure decal.

G6

KEEP FEET CLEAR

Part no.	Description
D63	Vinyl, 16" x 1", black letters Keep Feet Clear

Propane Signage



DFB



DTGR
(Ground Stake)

Part no.	Description
DFB	Blue/White Store Front Flag with Steel Base
DFBX	Blue/White Store Front Cylinder Exchange Flag with Steel Base
DTGR	Blue/White Revolving Tank Sign with Yard Stake
DTXBT	Blue/White Revolving Tank Sign with X-Cross Base

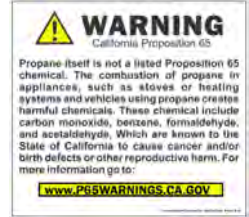
Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Proposition 65 Decals



PV651

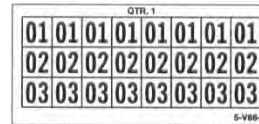


PV652

Part no.	Description
PV651	Prop 65 Decal 5.5" x 2"
PV651G	Prop 65 Decal for Gas-Oil 3.5" x 2.5"
PV651G1	Prop 65 Decal This Equip Contains...
PV652	Prop 65 Decal 5.5" x 5"
PV652G	Prop 65 Decal For Gas-Oil 5.5" x 5"
PV652P	Prop 65 Decal Personalized 5.5" x 5"

Cylinder Requalification Decals

NFPA 58 Section 5.2.2.3 requires visually inspected cylinders to be marked with a Requalification Identification Number (RIN), the month and year of the inspection and the letter "E" to denote the external visual inspection.



Part no.	Description
5-C87	DOT Cylinder Requalification Decal, 1 1/2" x 5 1/4" black on white vinyl
5-V88-1	Quarterly Month Decals - 1st Quarter
5-V88-2	Quarterly Month Decals - 2nd Quarter
5-V88-3	Quarterly Month Decals - 3rd Quarter
5-V88-4	Quarterly Month Decals - 4th Quarter
5-V88-20	Year Decal - 2020
5-V88-21	Year Decal - 2021
5-V88-22	Year Decal - 2022

Placards



PH



1075

Part no.	Description
PH	Slidemaster Placard Holder, Stainless Steel
1075	Flip Placard System For LPG & NH3

G6

Rev 8/20

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Gloves

MCR Safety Gloves

Light Fully Coated Nitrile, with Interlock Liner and PVC Coated Safety Cuff. Holds up to tough environments. Abrasion, snag, and puncture resistance combined with a soft interlock lining makes this glove a safe option that you can comfortably wear for extended periods of time. Treated with Actifresh to help fight odor. Applications: Oil and Gas Industry, Carpentry, Construction, Landscaping, Food.



Part no.	Description
9786S	MCR Safety Gloves, Small
9786M	MCR Safety Gloves, Medium
9786L	MCR Safety Gloves, Large
9786XL	MCR Safety Gloves, Extra-Large

Raised-finish Winter Monkey Grip Gloves

More gripping power for wet and dry conditions. Superior cold weather protection, greater comfort and flexibility. Seamless. Orange. Available with fully-coated knit wrists or fully-coated safety cuffs. Raised vinyl surface resists chemicals and abrasion.



23-171



23-173

Part no.	Description
23-171	Winter Monkey Grip, knit wrist - Large
23-173	Winter Monkey Grip, safety cuff - Large

“Edge” Glove

Offered in smaller sizes for smaller hands

Superior snag, puncture, abrasion and cut resistance. Porous nitrile coating channels the oil away from glove surface for excellent grip in oily applications. Soft, flexible coating molds to the hand for greater dexterity. Ergonomically designed with no uncomfortable seams.



Part no.	Description
40-105-7	Women's Gloves, size 7
40-105-8	Women's Gloves, size 8

Cleaning and Lubricating Products

Lube It All forms a thin, dry lubricant coating to reduce friction • Displaces 1200 times its volume in water on surfaces and repels moisture to prevent corrosion • Does not attract dust • Penetrates through fine gaps to deliver coating to assembled parts and obstructed surfaces • Can be used on electrical, metal and plastic surfaces, rotating parts and gears • Temperature Range: -300°F to 450°F. Silicone Free



Free All penetrates rust, scale and corrosion to free parts and assemblies instantly. • Loosens red and white lead, tar, grease, carbon and graphite deposits • Specially formulated rust eating agent is ideal for plumbing, automotive, marine and general industrial applications • Will free up all threaded pipe connections, rusted machine screws, bolts, nuts, clamps for mufflers and tail pipes, pillow blocks, universal joints, locks, etc • Contains no silicones, making it safe in paint and shop environments.



Tub O'Towels Removes stains others won't including: Paints, Caulks, Silicones, Urethanes, Epoxies, Duct Tape, Tar, Adhesives, Decals, Plastics, Lubricants, Sealants, Spackle, Insects, Tree Sap, Grass Stains, Brake Dust, Oils, Blood, Dirt, Grease, Grime and other hard-to-remove soils • Environmentally friendly and gentle on hands • Contains lanolin, aloe vera and vitamin E • Kills germs • No water necessary



Part no.	Description
LA12	Lube It All (12 oz)
RE12	Free All Deep Oil Penetrating (12 oz)
TW40	Canister of 40 Tub O'Towels
TW90	Canister of 90 Tub O'Towels
TW01-GR	Gravity Feed Tub O'Towels Dispenser w/100 Single Towel Packs

H1

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Electronic Gas Detectors

TRAK-IT® IIIA Gas Detector

Ideal for gas leak pin pointing and confined space applications. Designed for Extreme Working Conditions. Identifies Propane versus Natural Gas Detection. Standard Features: Long Life Sensors, LED Warning Lights, Large Bright Graphic Display, Audible Alarm, Optional 1600 Event Auto Log, Exceptional Water Protection, Long Battery Life, Infrared Downloading, Built-in Natural Gas and Propane Gas Calibration, Stainless Steel Housing



Part no.	Description
TRAK-IT IIIA	Combustible Gas Indicator
881-00038	Calibration Kit for TRAK-IT IIIA
883-00044	Replacement Probe Assy for TRAK-IT IIIA

H2 TKX Gas Detector

Rapidly locates combustible gas leaks. High sensitivity (50 ppm), unique low power sensor, audio and visual leak indicator, adjustable tick rate for fast leak pinpointing. Includes earphone for noisy environments. Low initial cost, low maintenance.



Part no.	Description
TKX	Gas detector w/case

Pocket Air Check Portable Gas Detector

Portable, battery operated (not included), solid-state instrument used in applications requiring detection of combustible gas. Locates leaks in pipes, valves, fittings and tanks. Detects natural gas, methane, propane, hydrogen and butane.

Handheld and highly sensitive, the Pocket Air Check makes finding gas leaks as easy as using a flashlight and at a fraction of what other portable detectors cost. The Pocket Air Check is a toolbox requirement for the HVAC technician, plumber, homeowner or anyone working with combustible gas installations, especially natural gas or propane.



Part no.	Description
500A0300A	Portable battery-powered combustible gas detector

Multimeter

DMM133 Multimeter

Easy to read with a large LCD display. Perform AC/DC voltage tests, resistance and continuity checks, and AC/DC amps (up to 10). Us for any routine electrical checks. With adjustable tilt stand and built-in probe holder.



Part no.	Description
DMM133	Multimeter

Electronic CO Detector

Single gas personal monitor designed to warn the user of hazardous gases in their working environment.

- One Button Operation
- Audible Alarm
- Visual Alarm
- Vibration Alarm
- STEL and TWA Alarms
- Alarm Event Memory
- Easy Field Calibration
- 2-Year Operation
- Limited 2-Year Warranty (Including Sensor)
- Extended Warranty Available



Part no.	Description
P100	Sensit Personal Single Gas Monitor

Pressure Gauges

Steel Case Pressure Gauges, Bottom Mount 2" Dial, 2" x 1/4" Bottom Connection PSI Gauge

Part no.	Range
SG2-15	0-15
SG2-30	0-30
SG2-60	0-60
SG2-100	0-100
SG2-200	0-200
SG2-300	0-300
SG2-400	0-400



Steel Case Pressure Gauge, Bottom Mount 4 1/2" x 1/4" Bottom Connection

Part no.	Range
SG4.5-300	0-300
SG4.5-400	0-400



Ammonia Pressure Gauges, Bottom Connection 2 1/2" x 1/4" NPT Bottom Connection PSI Gauge

Part no.	Range
AG2.5-60	0-60
AG2.5-150	0-150
AG2.5-160	0-160
AG2.5-400	0-400



Liquid / Glycerine Filled Pressure Gauges

Part no.	Range	Mount
PGB254BLM	0-15	1/4" Bottom Mount Clear Plastic Cover
PGB254CLM	0-30	
PGB254ELM	0-100	
PGB254HLM	0-300	
PGB254HLM-GL	0-300	1/4" Bottom Mount Glass Cover
PGB254ICB	0-400	1/4" Back Mount
PGB254ILM	0-400	1/4" Bottom Mount
PGB404HLM	0-400	Bottom Mount w/4" Dial



Pressure Testing

Electronic Manometer

Provides a simple, time-saving alternative to U-tube pressure measurement.

Part no.	Description
EM152	Electronic Manometer, dual input Measures in inches wc and Mbar
EM201B	Electronic Manometer, dual input Measures in inches wc, Mbar, PSI and PA (auto range to HPA)
AC319	Carrying Case



Low Pressure Water Manometer

Especially suited for use with low pressure LP-Gas systems. It is ideal for pressure checks downstream of the low pressure regulator and appliances.

Part no.	Description
1212 KIT	Manometer kit



Low Pressure Test Kit

Low pressure appliance test set in durable carrying case. 0-35" WC gauge and 36" hose.

Part no.	Description
2434A	Low pressure test set
2434AK	Low pressure test set with 3/8", 1/2", 5/8" adaptor



Trak-It Electronic Manometer and Pressure Gauge

A convenient way to isolate difficult pressure problems on propane gas systems without messy U-tube manometers. Adjust regulators (lock-up and pressure tests), set delivery pressures, perform "shut-in" leakage tests, and test furnace pressure switches.

Part no.	Description
IPM-1	Electronic manometer and pressure gauge



RegO Gauge Adapter

For testing high pressure lines FPOL x MPOL connections w/948B gauge

Part no.	Description
2962	Gauge adapter



Gas Line Testing Gauge

Designed to check piping installations for leaks, 30,60 or 100 psi.

Part no.	Description
266-30	Gas testing gauge 30 PSI
266-60	Gas testing gauge 60 PSI
266-100	Gas testing gauge 100 PSI



Magnehelic Test Gauge

Part no.	Description
2020PORT	Magnehelic Test Gauge



H3

Liquid Leak Detectors

TEECO Leak Detector

Easy to apply clear liquid. No mixing. Non-flammable. Dries clean.

Part no.	Description
269-A	Leak detector, 1 gallon

NOTE: 8 gallon low temp leak detector available upon request.



Sherlock Leak Detector

Plastic bottles with dauber or bulk. Pink.

Part no.	Description
8-FULL	Leak detector, 8 oz. bottle
8-PINT	Empty 16 oz. bottle with dauber
8-GALLON	Leak detector, 1 gallon bulk, temps to -5°
8-GALLON-XTL	Leak detector, 1 gal, low temp to -55°



Gasola® Extreme Temperature Leak Detector

Specifically engineered for use on gas lines, gas cylinders, refrigeration condensers, air lines, air pumps or any other system carrying gas. Can be used on all types of piping. Non-toxic, non-corrosive. Temperature Range: -10°F to 350°F. NOT for use on oxygen systems.

Part no.	Description
LT28	Leak Detector Low Temp (1 gallon)



RectorSeek Low Temp Leak Detector

Leak locator for use on pipes or tanks containing gases at low temperatures. Effective from -35° F to 200° F.

Part no.	Description
61273	Leak Detector Low Temp (1 gallon)



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

H3

Rev 8/20

Cylinder Wrenches



F100-20-2

Bot-L-Rench

Speeds up installation and removal of cylinder valves. Prevents damage.

Part no.	Description
F100-20-2	Complete kit, w/wrench, handle, POL adapter, chain vise, plumber pot wrench
F100-20-3	Kit, w/wrench, handle and POL adapter
F100-20-7	Forklift kit, w/forklift wrench and handle
F100-20-1	POL adapter only



F100-20-3



F100-20-7



Pigtail Wrench

7/8" pigtail wrench, 60° and 30° heads.

Part no.	Description
RV-38	Pigtail wrench

Easy Seal Wrench

Loosen and tighten POL fittings by hand. Simple to install and use. Stores four spare O-rings.

Part no.	Description
RV-76	Easy Seal



RV-76

Cylinder Valve Wrenches



AP20-7



AP20-10



AP20-20

Part no.	Description
AP20-10	POL Wrench
AP20-20	QCC - OPD Wrench
AP20-7	Forklift Wrench

ACME Cylinder Socket

Fits standard ACME filler/vapor valves. 12 point deep socket. 3/4" drive.

Part no.	Description
35-HD	Filler valve socket, 1 7/8"
36-HD	Filler valve socket, 1 3/8"
37-HD	T-handle sliding breaker bar



ACME Spanner Wrenches

Aluminum 18" spanner, for tightening and loosening 2 1/4", 3 1/4" and 4 1/4" ACME couplings and caps.

Part no.	Description
3195-50	RegO ACME wrench
JW-1	Economy box wrench



3195-50



JW-1

Multivalve Wrench

Remove valves on underground tanks.



Part no.	Description
MVWRENCH	Multivalve Wrench

Cylinder Vise

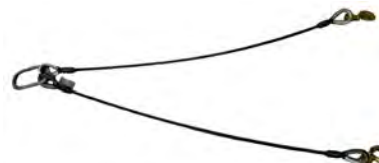
Wall Hugger Cylinder Vise

For use with all propane cylinders from 20 lb through 100 lb. Dimensions: 13" W x 14" D x 36" H



Part no.	Description
A-CV	Wall Hugger Cylinder Vise

Tank Slings



Part no.	Description
4-SLING	4' X 1/2" Sling wire rope bridle 125
5-SLING	5' X 1/2" Sling wire rope bridle 125
S4320	Latch Kit

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

POL Plugs/Locks

Next Generation Teeco SAF-T-LOK

New Design. Increased Trusted Protection. Securely locks POL service valves. Helps prevent unauthorized hookups. Reduces pilferage. Increases security. No padlock required.



Part no.	Description
511	Next Generation SAF-T-LOK & Seals
511-K	Key Only
511-3	Seal Only

*SAF-T-LOK sold individually (SAF-T-LOK & Seal only), or in package of 12. SAF-T-LOK package contains 12 Loks, 12 Tags, 36 Seals and 1 Key.

510 SAF-T-LOK

Securely locks POL service valves to help prevent unauthorized hookups, reduce pilferage and increase security. The distinctively shaped key comes with each twelve Saf-T-Lok's ordered or is available separately. No padlock required.



Part no.	Description
510*	SAF-T-LOK, complete
510-K	Key

* Consists of 510-1 brass plug (1), 510-2 lock collar (1), 510-3 tamper seal (3). Standard carton contains (12) 510 SAF-T-LOK's & (1) 510-K key

Cylinder Inspection Tools

Inspection Kit

The tools required for visual inspection and requalification of DOT (ICC) cylinders in LP-Gas service. Includes pit gauge, probe and pick and special calibration 6" rule.



Part no.	Description
PGK-1	Inspection kit

Stamp Set

Includes numbers 0-9 with letter "E", in wooden case with lid. For stamping retest date on cylinders which have passed visual inspection and requalification.



Part no.	Description
105	Stamp set
105R	"R" Stamp
105E	"E" Stamp

Anchor Lock Caps

An economical, safe way to lock LP-Gas valves. Hinged lock caps are made of durable cast aluminum and designed to be used with a padlock.

Part no.	Description
LC-1	Filler valve, ACME thread & cap



Part no.	Description
LC-2	Service/cylinder valve, 2" hand wheel



Part no.	Description
4-L	Meter lock seal, complete
4-K	Key for lock seal
4-RS	Replacement seal
4-CT	Seal Crimping tool



H5

Plugs/Dust Covers

Nylon POL Plugs

Meets DOT requirements for transportable cylinders.

Part no.	Description
B510P	White, w/warning label



QCC Dust Cover

Black rubber. Meets DOT requirements for transportable cylinders.

Part no.	Description
DC-1	QCC-1 dust cover



Uni-Kap®

Fits 100-plus valves. Meets NFPA requirements. Imprinted consumer caution. Water-resistant, self-venting.

Part no.	Description
UK-85A	Uni-Kap®, large
UK-85B	Uni-Kap®, small



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Gas Lighters (Containing Gas)

Important: Due to DHS regulations, we are not able to ship Gas Lighters by common carrier (ie, UPS). These items must be picked up at a Teeco location or be shipped freight.

Olympian GM-3, GM-3X GasMatch

Continuous Piezo electric ignition. Will never blow out. Fully adjustable flame. Refillable with .15 oz. fuel capacity. Fuel viewing window. Uses one AA battery. Safety lock ignition switch. Hanger ring. Extended nozzle models available.



H6 Olympian GM-4 GasMatch

Low-cost model. Piezo electric ignition with safety lock. Adjustable flame length. Refillable, with fuel monitoring window. 11" length.



Part no.	Description
GM-3	GasMatch, 4¾" pipe, 14¾" total length
GM-3X	GasMatch, 15" flexible nozzle extender
GM-3XE	GasMatch, 26" flexible nozzle extender
GM-4	GasMatch, 5¼" pipe, 11" length

Olympian GM-9 Gas Match

Low-cost refillable model. Two-for-One packaging. Piezo-electric ignition. Adjustable flame, safety lock & fuel viewing window. 11" length.

Part no.	Description
GM-9	GasMatch, 11" length package of two



Butane Refills

Part no.	Description
ML-3892F	Butane gas lighter fuel, 5.3 oz.



Important: Due to DHS regulations, we are not able to ship Gas Lighters or Butane Refills by common carrier (such as UPS). They must be picked up at a Teeco location or shipped freight.

Lighters & Igniters (Without Fuel)

These lighters & igniters do not contain gas and do not incur additional charges when shipped, and may be shipped Fedex or UPS Ground.

Olympian GM-3, GM-3X GasMatch Without Fuel

Same features as the GM-3X, but does not contain fuel, and may be shipped Fedex Ground or UPS Ground.



Part no.	Description
GM-3X WITHOUT FUEL	GasMatch, 15" flexible nozzle extender, NO FUEL

Olympian GM-12 Spark Igniter

Continuous Piezo ignition spark igniter. Immediately ignites any gas appliance. Requires no butane fuel. Curved nozzle and illumination light. Uses 1 "C" battery. Flexible Nozzle versions available.



Part no.	Description
GM-12	Gas Match, 7" ignition pipe, 13" length
GM-12X	Gas Match, 20" ignition pipe, 26" length

GM55 & GM17 Gas Lighters
Contain no fuel - Able to ship via UPS



Part no.	Description
GM55	Gas Lighter, 5 1/2" flexible nozzle
GM17	Gas Lighter, 17" flexible nozzle



Appliance Tools



Gas-Kit II Service Kit

A compact unit with features created to meet the demands of the "on the road" gas serviceman. Contains reamers, drills, midjet wrench, files, orifice hole reducer kit, leveler and miscellaneous tools. Reamers also available separately.

Part no.	Description
457	Gas-Kit II
458-20	#20 reamer
458-30	#30 reamer
458-40	#40 reamer

458-50	#50 reamer
458-60	#60 reamer
458-70	#70 reamer
458-80	#80 reamer

Serviceman's Friend

For flow meter and other applications. One end of fitting has 1/8" & 1/4" pipe thread and special 5/16" x 32 thread. Opposite end has regular hose fitting & 1/8" straight pipe thread. Can be used to connect manometer to gas supply for checking pressures.

Part no.	Description
TL-051	Serviceman's friend



Handi-Light

Telescopic claw for hard-to-reach pilots and igniting jobs. Extends to 24 inches, w/spring loaded jaws.

Part no.	Description
123	Handi-Light telescopic claw



Adjustable Jet Cleaner

50 to 80 orifice sizes. Positive over size protection. Cleans, sizes or measures LPG orifices.

Part no.	Description
520L	Adjustable jet cleaner



Drill Set

Set of 42 gauging drills, sizes 40 through 80, including taper broach. Spring loaded pop-up drill carriers. Comes in plastic case.

Part no.	Description
G-4080	Metal gauging drill set
TL-077	Drill case only



Gauging Drills

Pressure bonded one piece construction. Drill sizes are stamped on side of handle. (Call for other sizes available).

Part no.	Size
G-0040	40
G-0041	41
G-0042	42
G-0043	43
G-0044	44
G-0045	45
G-0046	46
G-0047	47
G-0048	48
G-0049	49
G-0050	50
G-0051	51
G-0052	52
G-0053	53
G-0054	54
G-0055	55
G-0056	56
G-0057	57
G-0058	58
G-0059	59
G-0060	60

G-0061	61
G-0062	62
G-0063	63
G-0064	64
G-0065	65
G-0066	66
G-0067	67
G-0068	68
G-0069	69
G-0070	70
G-0071	71
G-0072	72
G-0073	73
G-0074	74
G-0075	75
G-0076	76
G-0077	77
G-0078	78
G-0079	79
G-0080	80



H7

Pin Vise

For holding large gauging drills securely while reaming. Prevents spinning.

Part no.	Description
TL-072	Pin vise



Pilot Broaches

Part no.	Size
G-1008	0.008
G-1010	0.01
G-1012	0.012
G-3015	.003 - .015 tapered
G-3020	.003 - .015 tapered, w/handle



Appliance Tools

Burner Broach

For reaming and cleaning ports. Fits TL-061 hand-piece or TL-072 pin vice.

Part no.	Size
TL-050	Burner broach, 1/8" sq. taper



Reamers

For reaming orifices. Tapered point and double cutting edge.

Part no.	Description
TL-068	Small reamer, 3/32" diameter
TL-069	Medium reamer, 1/8" diameter
TL-070*	Large reamer, 5/32" diameter
TL-071*	Industrial reamer, .204" diameter
* Requires TL-061 hand piece.	



H8

Spiral Ratchet Pipe Reamer

Spiral design. Complete with handle.

Part no.	Description
2-S	Spiral ratchet pipe reamer



Hand Piece

Fits large reamer TL-070, TL-071 industrial reamer, and TL-050 burner broach.

Part no.	Description
TL-061	Hand piece



Pipe Taps

Carbon tool steel. American Standard (NPT) right hand taper threads.

Part no.	Description
E-5112	For 1/8" pipe
E-5113	For 1/4" pipe
E-5114	For 3/8" pipe
E-5115	For 1/2" pipe
E-5116	For 3/4" pipe
E-5117	For 1" pipe
E-5118	For 1 1/4" pipe
E-5120	For 2" pipe



Pipe Tools

Top Screw Bench Chain Vises

Chain tightens by handy top crank-handle that's anchored to base. Handy pipe rest and bender. Large vise base overhangs front legs for clear tool swing; has rear pipe rest, tool hanger slots, 3 pipe benders and ceiling brace screw. Integral folding legs and tool tray lock open for sturdy work bench, close for easy carrying.



Part no.	Description
BC-210	1/8" - 2 1/2" capacity chain vise



Part no.	Description
450	1/8" - 5" capacity

Heavy Duty Pipe Cutters

Fast, clean pipe cutting by hand or power. Equipped with tough blade cutter wheel. Can convert to 3-wheel cutter by replacing rollers with cutters wheels.



Part no.	Description
1-A	1/8" - 1 1/4" capacity
2-A	1/8" - 2" capacity

Pipe Extractors

Quick extraction of broken threaded ends of pipe plugs, fittings, etc.

Part no.	Description
883	6 piece set, 1/8" - 1"



Threaders



OO-R and 12-R Exposed Drop Head Ratchet

Head locks in or releases by pull of ratchet knob. Separate sets of alloy steel chaser dies, quickly removed or reversed for close to wall threads. NPT dies are furnished. NPSM straight dies are available.

Part no.	Description
97-A	OO-R set w/carrier, 1/4" - 1" pipe
97-B	OO-R set w/carrier, 1/2" - 1" pipe
97-I	OO-R ratchet and handle
98-G	12-R ratchet and handle
99-K	Case for OO-R die heads, 1/4" - 1"

Dies & Die Heads

Part no.			Pipe Size
OO-R head & dies	12-R head & dies	OO-R/12-R dies only	
97-D	97-AC	99-B	1/4" pipe
97-E	97-AD	99-C	3/8" pipe
97-F	98-A	99-D	1/2" pipe
97-G	98-B	99-E	3/4" pipe
97-H	98-C	99-F	1" pipe
-----	98-D	99-G	1 1/4" pipe
-----	98-E	99-H	1 1/2" pipe
-----	98-F	99-I	2" pipe

Power Drive

Heavy duty power for threader and many other applications. Threading capacity is 1/8" - 2" pipe and conduit (up to 12" with geared threader), 1/4" - 1" rod (with OO-RB die heads). 12-R drop head die heads fit without adapter. 1/2 hp, 115 or 230 volt reversible motor



Part no.	Description
700-R	Portable power drive only
770	Adapter for OO-R die heads
772	Adapter for 11-R die heads
773	Adapter for 111-R die heads
774	Adapter for square drive

Oilers

Oiler

Thumb action. Large chip pan. Oil is double screened and recirculated. Completely portable. 14 1/2" dia. x 8 1/2" H. 48" hose.

Part no.	Description
418	Oiler complete w/1 gallon thread cutting oil



Economy Oiler

Same easy-action pump as 318 oiler. Screw cap fits 1,2, or 5 gallon can.

Part no.	Description
302-R	Economy oiler (oil not included)



H9

Zoom-Spout Oiler

4 oz. of rust and oxidation inhibiting lubricating oil.

Part no.	Description
EZ LUBE	Zoom spout oiler



Rust-Buster Oiler

4 oz. of cleaner for corroded and rusted parts.

Part no.	Description
CE446	Rust-Buster oiler



Thread Cutting Oil

Sulphur-lard cutting oil. Has odorless antiseptic germicide. Will not congeal at 20° F.

Part no.	Description
309-RC	NuClear oil, gallon
310-RC	Dark oil, quart
311-RC	Dark oil, gallon



Tubing Tools

Papco Tubing Cutter

For 1/8" to 1 1/8" OD hard or soft copper, aluminum, brass, thin wall steel.

Part no.	Description
512	1/8" to 1 1/8" tubing cutter
51212	Replacement cutter wheel



"Imp" Tubing Cutter

1/8" - 1/2" OD tubing for use in tight quarters. 1 1/4" swing radius.

Part no.	Description
127-FA	1/8" - 1/2" tubing cutter
32633	Replacement cutting wheel



Rigid Tubing Cutter

For copper, brass, aluminum tubing and thin wall conduit. Fold-in reamer.

Part no.	Description
10	Tubing cutter



Hand Tools

Vise Grips

Part no.	Description
10-R	Vise Grips, 10" length



Heavy Duty Pipe Wrenches

Guaranteed housing. Strong alloy tool-steel jaws are slip and lock proof.

Part no.	Description
90-6	6", 3/4" capacity
90-8	8", 1" capacity
90-10	10", 1 1/2" capacity
90-12	12", 2" capacity
90-14	14", 2" capacity
24", 36" and 48" available on special order.	



Aluminum Handle Pipe Wrenches

Almost 40% lighter than similar wrenches with malleable iron handles.

Part no.	Description
92-10	10"
92-14	14"
92-18	18"
92-24	24"
36" and 48" available on special order.	



Brass Hammer

Part no.	Description
1430	Brass head hammer



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com



Papco Flaring Tool

For 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" tubing. One piece design.

Part no.	Description
400-F	Papco flaring tool



Parker Flaring Tool

Part no.	Description
945TH	Parker flaring tool

End Pipe Wrenches

Designed for work close to wall or in tight places. All alloy handle/housing.

Part no.	Description
E-10R	10"
E-12R	12"
E-14	14"
18", 24" and 36" available on special order.	



Adjustable Wrenches

Made of special alloy. Selective induction hardened for long service life.

Part no.		Description
Chrome	Black	
704	----	4" length
706	----	6" length
708	----	8" length
710	910	10" length
712	912	12" length
715	915	15" length
718	918	18" length



Duct Tape

Part no.	Description
357	Duct tape, 3", 60 yard roll



Red Dragon Vapor Torches

VT1-32C Mini Dragon

18,000 BTU/hr. Perfect for smaller jobs around the home and garden. The pin point flame is perfect for precise spot weeding and other small jobs like lighting charcoal, chimineas, campfires and more. Uses disposable propane cylinders (not included). Adjustable flame, durable steel construction. Lightweight and easy to maneuver.

Part no.	Description
VT1-32C	18,000btu Propane torch kit



VT1½-12

50,000 BTU/hr. Fits easily into the tool box for use on a variety of small jobs. Kit includes: torch, UL listed hose, POL fitting, adjusting needle valve and pipe thread compound.

Part no.	Description
VT1 1/2-12C	Vapor torch kit, 10½ handle
VT1 1/2-12	Torch only, 10½ handle
VT1 1/2-0	Torch only, no handle



VT2-6

100,000 BTU/hr. torch. Compact and efficient. Use for thawing pipes, removing paint and bending steel.

Part no.	Description
VT2-6	Torch only, 5½" handle



VT2-23C Weed Dragon

100,000 BTU/hr., adjustable. Comfortable hand grip for lawn and garden weeding. Kit includes: torch, UL listed hose, hand tight-en POL fitting, adjusting needle valve, UL listed regulator and spark igniter.

Part no.	Description
VT2-23C	Lawn/garden torch kit, 23" handle



VT2½-6

400,000 BTU/hr. torch for use in close quarters, a 1/4" pipe elbow may be used to supply fuel from a right angle.

Part no.	Description
VT2 1/2-6	Torch only, 5½ handle
VT2 1/2-0	Torch only, no handle



VT2½-30C

400,000 BTU/hr. utility torch kit. 28-inch handle is just the right length for burning weeds, heating, or melting snow and ice. Kit includes: torch, UL listed hose, POL fitting, adjusting needle valve and pipe thread compound.

Part no.	Description
VT2 1/2-30C	Torch kit, 28" handle
VT2 1/2-30	Torch only, 28" handle



VT2½-24CE

500,000 BTU/hr. economy version of the VT3-30 C. Uses lightweight steel, less paint and thermoplastic hose.

Kit includes: torch, UL listed hose, POL fitting, adjusting needle valve and pipe thread compound.

Part no.	Description
VT2 1/2-24CE	Torch kit, 23" handle

VT3-30C

The perfect all around 500,000 BTU/hr. torch packaged in a complete kit. Ideal for burning weeds and stumps, sterilizing cages, clearing irrigation ditches, heating, thawing and drying, plus numerous other agricultural and industrial uses.

Kit includes: torch, UL approved hose, POL Fitting, adjusting needle valve and pipe thread compound.

Part no.	Description
VT3-30C	Torch kit, 28" handle
VT3-30	Torch only, 28" handle
VT3-0	Torch only, no handle



VT3-12

For special high BTU applications such as pre-heating large castings to welding.

Part no.	Description
VT3-12	500,000 BTU torch only, 11" handle



JET4/JET 8

Pilot flame, with squeeze valve trigger on handle for full flame. Flame length up to 5 feet (JET4) or 6 feet (JET8). For those big jobs which require high heat. Operates at 30 psi to full tank pressure.

Part no.	Description
JET4	Vapor torch only, 1,000,000 BTU/hr., 40½" length
JET8	Vapor torch only, 2,000,000 BTU/hr., 7" length



Red Dragon Roofing Torches

Standup Torch

400,000 BTU/hr., 29" long for standup work. With trigger valve. Lightweight model also available.

Kit includes: torch, gauge, UL approved hose, hand tighten POL, torch bracket, regulator, spark lighter.



Part no.	Description
RT2 1/2-20C	Torch kit
RT2 1/2-20LWC	Lightweight torch kit
RT2 1/2-20	Torch only

Detail Torch

50,000 BTU/hr. Ideal for flashing and detail work. Overall length 15".

Kit includes: torch, gauge, UL approved hose (25 ft.), hand tighten POL, torch bracket, regulator, spark lighter.



Part no.	Description
RT1 1/2-10C	Torch kit
RT1 1/2-10	Torch only

Red Dragon Liquid Torches

High Capacity

Heavy duty, high capacity torch designed for road oil distributors, roofing tar vats and many other uses. Easily disassembled for cleaning. Mounting bracket available.



Part no.	Description
LT3-12	Torch only, no handle, 750,000 BTU/hr.
LT3-12HD	Torch only, no handle, 1,000,000 BTU/hr.

LT2x8 "V Burner"

1,150,000 BTU/hr. V-shaped torch projects a sweeping flame up to 18" wide and 3' long. Mounts on 1" O.D. tool bar. Perfect for row crop cultivation.



Part no.	Description
LT2x8	V-shaped liquid torch

Red Dragon Light Duty Torches

Hand Torch Kit

50,000/hr. torch kit for hobbyists, farmers, mechanics or the serious do-it-yourself worker. Ideal for removing paint, lifting floor tile, soldering, melting, and dozens of other uses.

Kit includes: torch, UL listed hose, POL fitting, adjusting needle valve, pipe thread compound and spark lighter.



Part no.	Description
HT1 1/2-10CR	Torch kit, 10 1/2" handle
HT1 1/2-10	Torch only, 10 1/2" handle

Propane Flares

Electronic Ignition

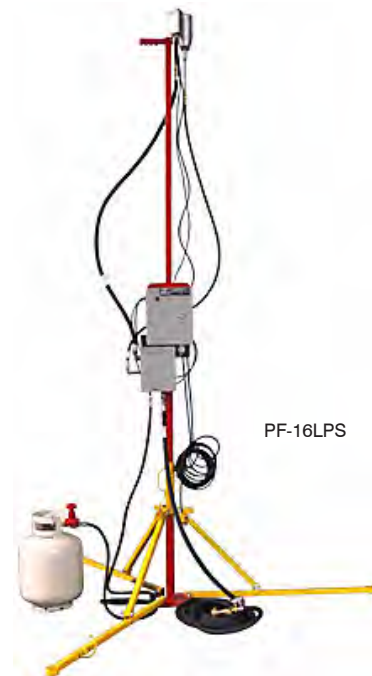
Flare off propane tanks safely & quickly. Electronic ignition & proof of flame. Auto relight attempt - complete shutdown if unsuccessful. Burns liquid or vapor LP-Gas. Flare burner 12' above ground. Requires 115VAC power source.

Part no.	Description
PF-16LPS	1/2" flare, 48,300,000 BTU/hr., 529 gal/hr.

Manual Ignition

Evacuate bulk area tanks, bobtails and other tanks anywhere quickly, safely and without venting raw propane into the atmosphere.

Part no.	Description
PFM-16 LPS	1/2" Manual Flare
PFM-25	25'Hose Extension Kit
PFM-31	Manual Flare Fittings Kit



PF-16LPS

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Red Dragon Accessories

Flame Adjusting Valves

Heavy duty all brass needle valve with Teflon packing and seats. This valve has been tested to 350 pounds and incorporates thumb wheel. Inlet 1/4" FPT, outlet 1/4" MPT.

Part no.	Description
V-334	Flame adjusting valve



Squeeze Valves

An all brass squeeze valve with an adjustable needle valve pilot assembly feature. Seat material is Buna-N. This is a two way high pressure valve, tested to 350 psi working pressure. Repair kits available.

Part no.	Description
V-880 PH-1	Squeeze valve, adjustable pilot



A solid brass bodied valve that provides positive shut-off for any liquid or vapor Red Dragon torches. Trigger operated. 1/4" FPT inlet and outlet.

Part no.	Description
V-6591	Squeeze valve



Manchester Torches

Power Jet

750,000 BTU/hr. torch. Locking finger operated trigger. Stainless steel pilot tip. 3' long, 2¼ lbs. Kit contains burner, 10' LPG hose, adjustable regulator with gauge.

Part no.	Description
8061-S	Power Jet bubble pack kit
8017	Burner only
8520	Handle only
8534	Jet pipe
8533	Control valve only
8535	Pilot bypass pipe only
8536	Pilot tip only
8541	Lever for valve body
8545	Repair kit no. 1
8021	0-100# pressure gauge



8061-S



8017

14 Handiboy Burner

Adjustable up to 500,000 BTU/hr. Economy single jet vapor burner. Kit includes 10 ft. of LPG hose, fitting, POL male adapter, and instructions.

Part no.	Description
8062-S	Handiboy burner kit, bubble pack
8053	Burner assembly only
8058	Burner head only
8069	Handle only
V12980	1/4" Brass shutoff valve
A77449	10' LPG hose- POL hand-wheel x 1/4" M. NPT



8062-S



Super 8 Burner

200,000 BTU/hr. 8' long, lightweight heavy-duty burner. Users have the ability to safely and quickly burn weeds, heavy brush and more. Utilizes tank pressure. Adjustable stainless steel pilot and squeeze trigger valve for operator control. Precision balanced twin vapor burner. Steel elbow assembly. Locking finger operated trigger. 8' long, 4 lbs.

Part no.	Description
8012	Super 8 twin jet burner only
8560	Pilot bypass pipe
8564	Jet pipe only
8568	Twin orifice head only

L.B. White Hand Held Torches

Torchman Torches

Portable, lightweight torches. Perfect for burning brush, thawing pipes, melting ice and other similar heating uses. No regulator needed. Torchman SV length is 29.5" and Torchman 500 length is 36" (assembled). Weights are 5.2 and 3.5 lbs, respectively. These torches are constructed with a steel head.



TORCHMANSV

TORCHMAN500

Bertha 500 Torch

Heavy duty torch. Perfect for burning brush, thawing pipes, melting ice and other similar heating uses. Assembled length is 22", weight 7 lbs. Cast iron head.



BERTHA500

Industrial Torches

Rugged cast iron construction. Made to thrive in high dust construction environments. Corrosion resistant. Industrial 250 has a cast iron 90° head, assembled length of 17.5" and weighs 7.5 lbs. Industrial 365N has a cast iron head, assembled length of 26" and weighs 10.5 lbs.

Please note: Industrial 250 is for use with propane. Industrial 365N is for use with Natural Gas.



INDUSTRIAL250

INDUSTRIAL365N

Part no.	BTU/hr	Fuel Type	Ignition Type
TORCHMANSV	300,000	LP-Gas	Manual
TORCHMAN500	500,000		
BERTHA500	500,000		
INDUSTRIAL250	250,000	Natural Gas	Pilot
INDUSTRIAL360N	365,000		

Barber Solarflo Burner Assemblies

Exclusive Barber Jet Features

Barber Jets produce up to 432,000 BTU per square foot of burner area. They produce up to 300,000 BTU per cubic foot of burner area. They develop up to 1900°F. temperature. They require no air adjustment. Over 50 sizes accommodate applications needing from 2,500 to 8,000,000 BTU/hr.

General Application Procedures

Though each unit that uses jet burners has some variables, there are certain constants that should be used on all jet burner applications.

1. All air must be introduced under the burners. Air introduced on the same level as the burners will cause a turbulent flame and poor combustion efficiency. Also jet burners need a generous supply of air since the air introduced is for primary as well as secondary air.
2. The use of a baffle to direct all the air underneath the burner proper is also very important. No air should be allowed to go around the burner since this will cause a turbulent flame and cause poor combustion efficiency.
3. The minimum distance from the tips of the jets to the bottom of the heated medium should be approximately as follows depending on the BTU input per jet:

Jet Type	Distance	BTU Input
Impinged Jets	5" (125 mm)	2500 BTU per jet
	9" (225 mm)	5000 BTU per jet
	13" (325 mm)	7500 BTU per jet
	17" (425 mm)	10,000 BTU per jet
Slotted Cap Jets	3" (75 mm)	2500 BTU per jet
	4" (100 mm)	5000 BTU per jet
	5" (125 mm)	7500 BTU per jet

We say "approximately" since there is some variation depending upon the application. These distances, however, prove generally to give the best overall efficiency in most applications.

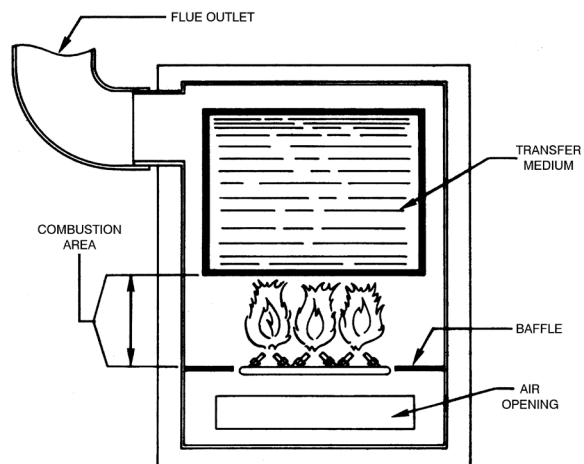
4. Generally the use of a flue is not required on small input applications, however, on larger applications where flue connections are required the outlet must be above the top most part of the combustion area. In fact the higher the flue is located, the better. Also, where relief ports can be provided above the combustion zone level, the use of a flue is generally not required.
5. Combinations of burner units are often required to attain larger inputs than individual units develop.

Ordering Instructions

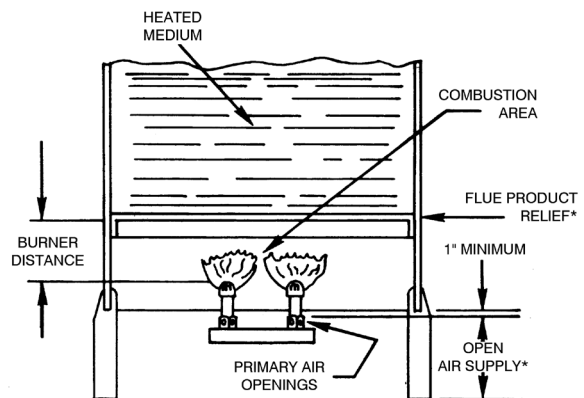
1. Always specify type of gas and gas pressure (btu's) available.
2. Odd numbered burners (e.g. Z-21) have bottom pipe openings, even numbered burners (e.g. Z-20) have side pipe openings, except as otherwise designated.
3. In cases where burner has more than one size pipe opening, please specify size desired.
4. Burners are normally shipped with jets drilled to produce the median BTU input.

For example: An X-10 Burner w/#638 has a capacity of 80,000-208,000 btu/hr. The jets would be drilled for 120,000 BTU. If minimum or maximum rate is required, please specify on order.

NOTICE: Burner assemblies are special order, non-returnable items.



Typical High Input Jet Application With Flue Vent



Typical Low Input Jet Application Without Flue Vent

* For invented types of equipment jets may be applied with outside baffles, however, the combustion air supply must be introduced to the burner(s) at least 1" below the edge of the flue product relief. If relief holes or openings are provided above the burner they may be elevated within the chamber to the recommended distance from the heating surface.

Barber Solarflo Burner Assemblies

Circular, Single Ring

Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
S-10 W/638	20-52	8	5 3/4"	3/8"
S-10 W/640	40-80	8	5 3/4"	3/8"
Side opening.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
S-80 W/638	25-65	10	5 3/4"	3/8"
S-80 W/640	50-100	10	5 3/4"	3/8"
Side opening.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
S-85 W/638	25-65	10	5 3/4"	3/8"
S-85 W/640	50-100	10	5 3/4"	3/8"
Bottom opening.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
Z-10 W/638	30-78	12	8"	3/8"
Z-11 W/638	30-78	12	8"	3/8"
Z-10 W/640	60-120	12	8"	3/8"
Z-11 W/640	60-120	12	8"	3/8"
Even numbered units are side opening, odd are bottom opening.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
Z-20 W/638	50-130	20	8"	1/2"
Z-21 W/638	50-130	20	8"	1/2"
Z-20 W/640	100-200	20	8"	1/2"
Z-21 W/640	100-200	20	8"	1/2"
Even numbered units are side opening, odd are bottom opening.				



Circular, Dual Ring

Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
X-10 W/638	80-208	32	10 5/8"	3/4"
X-11 W/638	80-208	32	10 5/8"	3/4"
X-10 W/640	160-320	32	10 5/8"	3/4"
X-11 W/640	160-320	32	10 5/8"	3/4"
Even numbered units are side opening, odd are bottom opening.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
X-44 W/638	110-286	44	14"	3/4"
X-44 W/640	220-440	44	14"	3/4"
Side opening.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
X-88 W/638	220-572	88	19 3/8"	1", 1 1/4"
X-88 W/640	440-880	88	19 3/8"	1", 1 1/4"
Side opening.				



Rectangular

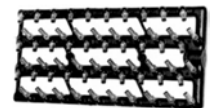
Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
W-36 W/638	90-234	36	9 1/2" x 13"	3/4"
W-36 W/640	180-360	36	9 1/2" x 13"	3/4"
Bottom or side opening, please specify.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
W-48 W/638	120-312	48	13" x 13"	3/4", 1"
W-48 W/640	240-480	48	13" x 13"	3/4", 1"
Bottom or side opening, please specify.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
W-60 W/638	150-396	60	9 1/2" x 20"	3/4", 1"
W-60 W/640	300-600	60	9 1/2" x 20"	3/4", 1"
Bottom or side opening, please specify.				



Part no.	BTU/hr. (1000)	Jets	Dia.	Gas Inlet
W-80 W/638	200-520	80	13" x 20"	1", 1 1/4"
W-80 W/640	400-800	80	13" x 20"	1", 1 1/4"
Bottom or side opening, please specify.				



NOTICE: Burner assemblies are special order, non-returnable items.

Barber Solarflo Burner Assemblies

U-Shaped

Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-8 W/638	20-52	8	4" x 10"	3/8"
U-9 W/638	20-52	8	4" x 10"	3/8"
U-8 W/640	40-80	8	4" x 10"	3/8"
U-9 W/640	40-80	8	4" x 10"	3/8"

Even numbered units are side opening, odd are bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-10 W/638	30-78	12	4" x 14"	3/8"
U-11 W/638	30-78	12	4" x 14"	3/8"
U-10 W/640	60-120	12	4" x 14"	3/8"
U-11 W/640	60-120	12	4" x 14"	3/8"

Even numbered units are side opening, odd are bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-16 W/638	40-104	16	7 1/8" x 10"	3/8", 1/2"
U-17 W/638	40-104	16	7 1/8" x 10"	3/8", 1/2"
U-16 W/640	80-160	16	7 1/8" x 10"	3/8", 1/2"
U-17 W/640	80-160	16	7 1/8" x 10"	3/8", 1/2"

Even numbered units are side opening, odd are bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-24 W/638	60-156	24	7 1/8" x 14"	1/2"
U-25 W/638	60-156	24	7 1/8" x 14"	1/2"
U-24 W/640	120-240	24	7 1/8" x 14"	1/2"
U-25 W/640	120-240	24	7 1/8" x 14"	1/2"

Even numbered units are side opening, odd are bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-29 W/638	70-182	28	7 1/8" x 15 1/2"	1/2", 3/4"
U-29 W/640	140-280	28	7 1/8" x 15 1/2"	1/2", 3/4"

Bottom or side opening, please specify.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-32 W/638	80-208	32	7 1/8" x 16 3/4"	3/4"
U-33 W/638	80-208	32	7 1/8" x 16 3/4"	3/4"
U-32 W/640	160-320	32	7 1/8" x 16 3/4"	3/4"
U-33 W/640	160-320	32	7 1/8" x 16 3/4"	3/4"

Even numbered units are side opening, odd are bottom opening.



U-Shaped

Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
U-44 W/638	110-286	44	7 1/8" x 21 1/4"	3/4", 1"
U-44 W/640	220-440	44	7 1/8" x 21 1/4"	3/4", 1"

Side opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
SU-16 W/638	40-104	16	4" x 16 3/4"	3/8", 1/2"
SU-16 W/640	80-160	16	4" x 16 3/4"	3/8", 1/2"

Side opening.



Special Configuration

Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
A-11 W/638	5-13	2	4" x 1 1/2"	1/4"
A-11 W/640	10-20	2	4" x 1 1/2"	1/4"

Bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
A-20 W/638	10-26	4	4" x 4"	3/8"
A-21 W/638	10-26	4	4" x 4"	3/8"
A-20 W/640	20-40	4	4" x 4"	3/8"
A-21 W/640	20-40	4	4" x 4"	3/8"

Even numbered units are side opening, odd are bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
B-10 W/638	20-52	8	6 1/4"	3/8"
B-11 W/638	20-52	8	6 1/4"	3/8"
B-10 W/640	40-80	8	6 1/4"	3/8"
B-11 W/640	40-80	8	6 1/4"	3/8"

Even numbered units are side opening, odd are bottom opening.



Part no.	BTU/hr. (1000)	Jets	Size	Gas Inlet
Y-11 W/638	15-39	6	5 3/4" x 5 3/4"	3/8"
Y-11 W/640	30-60	6	5 3/4" x 5 3/4"	3/8"

Even numbered units are side opening, odd are bottom opening.



NOTICE: Burner assemblies are special order, non-returnable items.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Barber Solarflo Burner Jets

Impinged Jets

Part no.	BTU/hr. (1000)	Length	Thread
638	2.5 - 6.5	1 3/8"	5/16"-27



Part no.	BTU/hr. (1000)	Length	Thread
640	5-10	1 1/2"	5/16"-27



18 Slotted Cap Jet

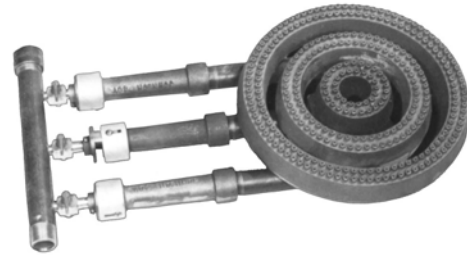
Part no.	BTU/hr. (1000)	Length	Thread
651	2.5 - 3.5	2 1/2"	7/16"-24*
* Also available with 1/8" NPT thread.			



Part no.	BTU/hr. (1000)	Length	Thread
654	2.5 - 7.5	2 3/16"	7/16"-24*
* Also available with 1/8" NPT thread.			



Johnson Atmospheric Ring Burners



Independently controlled concentric ring burners which can be used singly, in pairs, or triple. Separate Johnson venturi mixer and tube with heavy valve on each burner. Valves equipped with direct jet orifice regulator and adjustable hood cap. The center burner has a floor flange so that the burners can be placed any distance from the floor. Double and triple burners are equipped with a 15 1/2" x 1" pipe manifold.

Part no.	Description	BTU	Height	Diameter	Weight
40-A	Single burner	15,000	5 1/4"	4 1/2"	7 1/2 lbs.
40-AB	Double burner	53,000	5 1/4"	8"	17 lbs.
40-ABC	Triple burner	107,000	5 1/4"	12"	35 lbs.

Mr. Heater

Portable Radiant Heaters

Perfect for Construction Sites, Agricultural Buildings, Workshops, Repair Shops, Loading Docks, Large Open-Sided Tents, Sporting Events, Sheds and Barns, Recreation Areas, Remodeling Jobs

- **Efficient Radiant Heat:** Heats objects, not the air
- **Instant Heat:** Piezo push button ignition
- **Economical:** No electricity required
- **Quiet Operation:** No Blowers
- **Made To Last:** Durable steel construction
- **Economical:** Efficient and clean burning
- **Safe:** Shuts off w/loss of flame or power.

Forced Air Propane Heaters

Perfect for Construction Sites, Sports events, Patios, Factories, Garden Parties, Utility/Farm Buildings, Barns

- **Instant Heat:** Economical, efficient and clean burning
- **Maximum Heat Circulation:** Heavy duty high output fan
- **Safe:** Heater shuts off with loss of flame or power supply
- **Made To Last:** Rugged, durable steel construction
- **Ready To Use:** Simple hook-up; hose and regulator included.

Convection Heaters

Ideal for Construction Sites, Industrial/Commercial Work spaces, Agricultural Buildings, Emergencies, Workshops, Sports Events, Remodeling.

- **Instant Heat:** Economical, efficient, and clean burning
- **Economical:** No electricity required
- **Easy Start:** Push button pilot light ignition
- **Uniform Heating:** 360 degree directional heat
- **Ready To Use:** Simple hookup: hose and regulator included
- **Safe:** Heater shuts off with loss of flame; Sturdy base prevents tip-overs

Tank-Top Heaters

- Versatile propane heaters with Hi-Med-Low settings for temporary heat
- BTUs range from 10,000-45,000
- Offered in single, double and triple burner models



J1

Part no.	Description	BTU/hr (up to)
MH15	Tank Top Heater - Single burner	15,000
MH15C	Tank Top Heater / Cooker	15,000
MH15T	Tank Top Heater - Single burner	15,000
MH15TS	Tank Top Heater - Single burner w/Spark Igniter	15,000
MH30T	Tank Top Heater - 2 burner	30,000
MH30TS	Tank Top Heater - 2 burner w/Spark Igniter	30,000
MH35LP	Portable Radiant Heater, LP-Gas	35,000
MH45T	Tank Top Heater - 3 burner	45,000
MH60QFAV	Forced Air Heater	60,000
MH80CVX	Convection Heater	80,000
MH85QFAV	Forced Air Heater	85,000
MH125QFAV	Forced Air Heater	125,000
MH125LP	Portable Radiant Heater, LP-Gas	125,000
MH170QFAVT	Forced Air Heater w/Thermostat	170,000
MH200CVX	Convection Heater	200,000
MH400FAVT	Forced Air Heater w/Thermostat	400,000
F273169	Tank Foot Tank Stabilizer	-

Detroit Radiant

P Series Radiant Heaters

Ceramic burner. Aluminum reflector. Adjustable cylinder mounting bracket. UL listed single tank pressure regulator and high pressure hose. Excess flow check POL fitting. AGA. Listed manual shut-off. AGA. and UL listed 100% shut-off safety gas valve. Main burner flame sensor. All models features tip over check. Cylinder not included.

P-16T, rated at 16,000 BTU, operates thirty hours on a 20 lb. propane cylinder.

P-32T is rated at 32,000 BTU and operates fifteen hours on a 20 lb. propane cylinder.



Part no.	Description
P-16T	Portable infrared heater, 16,000 BTU/hr.
P-32T	Portable infrared heater, 32,000 BTU/hr.
P-101	P-16T rayhead assembly
P-103	P-32T rayhead assembly
P-106	P-32T reflector assembly

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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L.B. White

Tradesman Portable Forced Air Heaters

High temperature output for small to large construction sites. Variable heat output. Electronic ignition, continuous self-diagnostics (on ULTRA models), heavy duty construction, 1 year warranty. CSA models certified for USA and/or Canada.

Part no.	BTU/hr.	Heated Air Output (CFM)	Fuel Type	Electrical Supply
T100	50,000-100,000	350	LP-Gas	115VAC
T170	125,000-170,000	625		
T170ULTRA				
T170N	125,000-155,000	625	Natural Gas	
T170NULTRA				
T400	250,000-400,000	1530	LP-Gas	
T400ULTRA			LP-Gas	



Premier Ductable Unit Heaters

Great for small work spaces, renovation jobs and applications where low noise is important and heat needs specific direction. Can be used inside or ducted from outside. Automatic thermostat for better temperature control and consistent warmth. Model P350DF operates on dual fuel, either LP-Gas or natural gas. CSA certified for U.S. and/or Canada.

J2

Part no.	BTU/hr.	Heated Air Output (CFM)	Fuel Type	Electrical Supply
P80*	40,000-80,000	450	LP-Gas	115VAC
P80N*			Natural Gas	
P170*	85,000-170,000	1200	LP-Gas	
P170N*			Natural Gas	
P350*	175,000-350,000	2,400	LP-Gas	
P350N*			Natural Gas	
P350DF*			LP/NAT	

* Self diagnostic system



Workman and Norseman Convection Heaters

Designed and built to handle heating needs in sites that lack electricity. Lightweight and portable. Available in both horizontal and vertical models. Cast iron burner and heavy duty steel construction. Models include the lightweight Workman models and heavy duty Norseman models.

Part no.	BTU/hr.	Ignition	Fuel Type	Alignment
N200H	200,000	Manual	LP-Gas	Horizontal
N200HPLUS*		Piezo		
N250	250,000	Manual		
W100PLUS*	100,000	Piezo	Natural Gas	Vertical
W100NPLUS*		Piezo		
W225PLUS*	225,000	Piezo	LP-Gas	

* CSA models Certified for U.S. and/or Canada



TEECO stocks L.B. White replacement parts and accessories. Please call with heater model and parts requirements.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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L.B. White



Classic - Pilot Ignition, Side Draw Design

For indoor applications. Simple and dependable operation. Easy to install - all mounting hardware included. Thermostat control. Heavy duty construction and baked polyester paint finish. All heaters available in CSA U.S. certified configurations. Indoor mount only. 115VAC electrical supply required.

Part no.	BTU/hr.	Heated Air Output (CFM)	Fuel Type	Features
CLASSIC60	60,000	250	LP-Gas	Thermostat, regulator, 10' gas hose
CLASSIC60-3				-----
CLASSIC60-4				Thermostat
CLASSIC115	115,000	600	LP-Gas	Thermostat, regulator, 10' gas hose
CLASSIC115-3				-----
CLASSIC115-4				Thermostat
CLASSIC170	170,000	760	LP-Gas	Thermostat, regulator, 10' gas hose
CLASSIC170-3				-----
CLASSIC170-4				Thermostat

Guardian - Pilot Ignition, Bottom Draw Design

Part no.	BTU/hr.	Heated Air Output (CFM)	Fuel Type	Features
G250PILOT LP	160,000 - 250,000	1050	LP-Gas	Includes sediment trap

Guardian - Spark Ignition, Bottom Draw Design

Part no.	BTU/hr.	Heated Air Output (CFM)	Fuel Type	Features
G250SI LP	160,000 - 250,000	1050	LP-Gas	Includes sediment trap



Guardian - Hot Surface Ignition, Bottom Draw Design

Flexible and economical variable heat output. Compact, with indoor or outdoor mounting capability. Advanced diagnostic controls. High quality components and construction. All models AGA and CGA certified and shipped with sediment trap.

Part no.	BTU/hr.	Heated Air Output (CFM)	Fuel Type	Electrical Supply
G60HSI LP	30,000 - 60,000	240	LP-Gas	115VAC
G60HSI-N			Natural Gas	
G100HSI LP	50,000 - 100,000	400	LP-Gas	
G100HSI-N			Natural Gas	
G250HSI LP	160,000 - 250,000	1025	LP-Gas	220VAC
G250HSI-N			Natural Gas	
G325HSI LP	200,000 - 325,000	1700	LP-Gas	
G325HSI-N			Natural Gas	

Parts and Accessories

TEECO stocks a complete line of L.B. White replacement parts and accessories. Please call with heater model and parts requirements.

Part no.	Description	For Model
00815	Sediment trap	All models
08748	Eye bolts and chain	All, indoor mounting
09810	Outdoor mounting kit	G60HSI
09811	Outdoor mounting kit	G100HSI
20094	Outdoor mounting kit	G250HSI, G250SI, G250PILOT
24097	Premium Outdoor mounting kit*	G250HSI, G250SI, G250PILOT
09103	Outdoor mounting kit	G325HSI
24098	Premium Outdoor mounting kit*	G325HSI
20257	Sloped top for outdoor mount	G250HSI, G250SI, G250PILOT
20100	T-Duct (105° duct)	G250HSI, G250SI, G250PILOT
03399	Gas cock	All models

* Includes sloped top, insulated ducting and mounting brackets.

J3

Empire Comfort Systems

Radiant Vent-Free Heaters

Burns clean and odor-free. 100% efficient, and more economical than electric. Top-mounted controls. Available in a variety of floor and wall mount models from 10,000 BTU to 30,000 BTU. Piezo Igniter. Optional blowers and non-thermostat models available.

NOTE: Unvented heaters are not approved for use in some locales. Check with proper authorities before installing.

Part no.	BTU/hr.	Fuel Type	Blower	Automatic Blower	Temp. Control
SR10LP	10,000	LP-Gas	-	-	----
SR10TLP					Thermostat
SR10NAT		Natural gas			----
SR10TNAT					Thermostat
SR18LP	18,000	LP-Gas	SRB18	SRB18T	----
SR18TLP					Thermostat
SR18NAT		Natural gas			----
SR18TNAT					Thermostat
SR30LP	30,000	LP-Gas	SRB30	SRB30T	----
SR30TLP					Thermostat
SR30NAT		Natural gas			----
SR30TNAT					Thermostat



J4 Direct Vent Wall Furnaces

Installs easily on most any outside wall. Requires a minimum of floor space and provides even, energy-efficient heat. Quiet operation. Millivolt wall thermostat and piezo pilot ignition. Blower kit available.

Part no.	BTU/hr.	Heated Air Output	Fuel Type
DV210SGXLP	10,000	60 CFM	LP-Gas
DV215SGXLP	15,000		LP-Gas
DV25SGLP	25,000	75 CFM	LP-Gas
DV25SGNAT			Natural gas
DV35SGLP	35,000		LP-Gas



Console Vented Room Heaters

Allows a maximum flow of warm air off the unit. Features piezo pilot ignition and hydraulic thermostat temperature control. Heated air output 75 CFM. Optional floor-level blower available.

Part no.	BTU/hr.	Fuel Type
RH25LP	25,000	LP-Gas
RH35LP	35,000	



Parts and Accessories

TEECO also stocks Empire replacement parts and accessories. Please call with heater model and parts requirements.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Empire Comfort Systems

Visual Flame Vented Room Heaters

Allow a maximum flow of warm air. Optional radiants offer an orange, fire-like glow. Features piezo pilot ignition and hydraulic thermostat temperature control. Heated air output 100 CFM.

Part no.	BTU/hr.	Fuel Type
RH50BLP	50,000	LP-Gas
RH50BNAT		Natural gas
RH65BLP	65,000	LP-Gas
RH65BNAT		Natural gas

Parts

Part no.	Description
FRB3	Blower
RAD8	Radiant Package
RHL2	Log Kit for RH-50B, RH-65B



Vent-Free Blue Flame Heaters

Blue Flame heaters warm the air, which rises to create natural circulation in the room. Ideal for any supplemental heat application, producing an inviting atmospheric warmth quickly and efficiently.

The BF10 is equipped with a hydraulic thermostat with a constant 10,000 Btu input, while the BF20 is equipped with a modulating hydraulic thermostat that modulates from 8,500 Btu to 20,000 Btu for continuous temperature control. The BF30 offers the visual warmth of an alluring blue flame with a hydraulic thermostat that modulates from 8,500 Btu to 30,000 Btu for continuous temperature control.

Part no.	BTU/hr.	Fuel Type
BF10LP	10,000	LP-Gas
BF20LP	20,000	LP-Gas
BF30LP	30,000	LP-Gas



J5

Counterflow Furnaces

Direct Vent Counterflow (DV Series) and Upflow Counterflow (FAW Series) wall furnaces require only one square foot of floor space and install on inside or outside walls. Generous 55,000 BTU rating allows multi-room heating with optional side outlet kit. Complete with 24V wall thermostat, piezo pilot ignition and floor level blower. Heated air output 400 CFM.

Part no.	BTU/hr.	Fuel Type
FAW55SPPXLP	55,000	LP-Gas
FAW55SPPXNAT		Natural Gas
DVC55SPPXLP		LP-Gas
DVC55SPPXNAT		Natural Gas
DVC55IPXLP		LP-Gas
DVC55IPXNAT		Natural Gas



Gravity Vented Wall Furnaces

Designed to recess into the wall for super-slim appearance. Piezo pilot ignition, thermostat temperature control. Optional wall thermostat, rear register kit to heat adjoining rooms, and top-mounted blower that increases circulation, but not height. Heated air output 75 CFM.

Also available in white.

Part no.	BTU/hr.	Fuel Type
GWT25WLP	25,000	LP-Gas
GWT25WNAT		Natural Gas
GWT35WLP	35,000	LP-Gas
GWT35WNAT		Natural Gas
GWT50WLP	50,000	LP-Gas
GWT50WNAT		Natural Gas



Rinnai

Direct Vent Wall Furnaces

With a Rinnai EnergySaver® Direct Vent Wall Furnace, homeowners will be as comfortable with their energy bill as they will be with their room temperature.

- Modulates the usage of gas, optimizing energy efficiency
- Multiple models offer just the right size and configuration to heat a whole home or complement an existing heating system
- Unique modulating technology produces the specific level of heat needed at any given moment, responding to the smallest temperature changes.
- Standby power consumption less than 1 watt
- Warranty: 5 years on parts, 2 years on labor
- Altitude approved to 10,200 feet
- Constantly monitors room temperature 2" (5 cm) from the floor
- Consistently detects temperature changes of less than 1° F
- Within seconds, the Rinnai EnergySaver® Direct Vent Wall Furnace begins to gently heat the room
- Adjusts to increase or decrease fan speed and BTU output to reach desired preset temperature
- In case of a sudden influx of cold air, the EnergySaver® Direct Vent Wall Furnace automatically adjusts fan speed and BTU to quickly restore warmth to the room
- Heat loss is minimized since Rinnai EnergySaver® Direct Vent Wall Furnaces require no ductwork

J6



Model	Color	Gas Type	Input Rating (btu) (Low/High)	AFUE Rating	Shipping Weight	Power Consumption (Electronic Ignition)
EX08CTP	Beige <small>(EX22CT & EX38CT models are also available in White. Please contact Teeco for availability)</small>	LP-Gas	3,000 / 8,000	82%	46 lbs	41 watts
EX08CTN		Natural Gas	3,000 / 8,000	82%	46 lbs	41 watts
EX11CTP		LP-Gas	5,700 / 11,000	81%	46 lbs	44 watts
EX11CTN		Natural Gas	5,500 / 11,000	81%	46 lbs	44 watts
EX17CTP		LP-Gas	8,200 / 16,700	81%	57 lbs	46 watts
EX17CTN		Natural Gas	8,200 / 16,700	81%	57 lbs	46 watts
EX22CTP		LP-Gas	8,200 / 20,700	81%	57 lbs	56 watts
EX22CTN		Natural Gas	8,200 / 21,500	81%	57 lbs	56 watts
EX38CTP		LP-Gas	13,200 / 36,500	80%	88 lbs	117 watts
EX38CTN		Natural Gas	13,200 / 38,400	80%	88 lbs	117 watts

Accessories and Conversion Kits Also Available

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Detroit Radiant

DR Series

Gas fired, high intensity, unvented/ infra-red heaters. The DR Series is commonly used in areas with high air infiltration, high ceilings, and/or spot heating applications. Very economical.

The DR Series is available in a multitude of configurations, ranging from 30 to 160 MBTU/hr. with nine different control options. Call for application and ordering information.

Model no.	BTU/hr		Suggested Mounting Heights	Millivolt	120V	24V
	Natural Gas	LP Gas				
DR30	30,000	30,000	12' - 14'	NMV-2 PMV-2	NFS-2 PFS-2	NFS-2 PFS-2
DR30(S)						
DR45	45,000	45,000				
DR50	50,000	50,000				
DR55	55,000	55,000	13' - 15'			
DR60	60,000	60,000	14' - 16'			
DR75	75,000	75,000	15' - 17'			
DR80	80,000	80,000				
DR85	85,000	85,000	16' - 18'			
DR90	90,000	90,000	17' - 20'			
DR95	95,000					
DR100	100,000					
DR130	130,000	120,000	21' - 24'			
DR160	160,000	145,000	24' - 28'			

DR Series Ordering Instructions

Model Number Format: DR (BTU) (Gas Type) (Ignition Type) (Voltage) Example: DR 60 NFS-2 120V

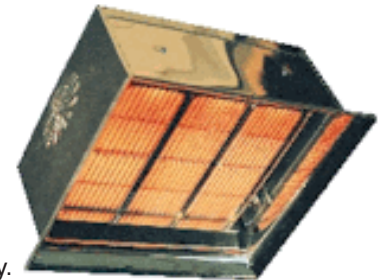
N = Natural Gas, **P** = Propane Gas

NMV-2/PMV-2 = Manual Ignition, constant pilot, 100% shutoff, self energizing. Includes RK-130 thermostat and 35' of wire.

Note: Millivolt models are not for use in high wind applications.

NFS-2/PFS-2 = Direct spark ignition, 100% shutoff. Specify 24V or 120V

Note: Circuit boards are potted on all models.



HL3 Series - Two stage, infra-red tube heater

Benefits include superior fuel economy, superior comfort levels and equipment longevity. Capable of operating in either a high fire mode or a low fire mode. Its mode is dictated by momentary environmental demands, resulting in significant fuel savings over single stage infrared heaters. BTU inputs from 65,000 to 200,000 BTU/hr (35% Low Fire Reduction). Tube lengths from 20 to 70 feet. Available in natural or LP-Gas Call for application and ordering information.

DX3L Series - Single stage, infra-red tube heater.

The DX3L Series offers superior low intensity heat, performance and longevity, and is designed to provide years of reliable trouble-free service.

The burner allows this heater to efficiently use BTU inputs from 50,000 to 200,000 BTU/hr. and have emitter lengths from 20 to 80 feet. The true advantage of this burner is the improved heat distribution that it produces. Provisions for various configurations (U or L shaped patterns) are also available. This heater, available in natural or LP-Gas, also offers superior serviceability. Call for application and ordering information

Series	20 ft	30 ft	40 ft (A)	40 ft (T)	50 ft (A)	50 ft (T)	60 ft	70 ft	80 ft
HL2	•	•	•	•	•	•	•	•	N/A
DX3L	•	•	•	•	•	•	•	•	•

J7

Rinnai Tankless Water Heaters

High-Efficiency (Non-Condensing) Tankless Water Heaters

RL75 & RL94 Series: These models come standard with a range of comfort and convenience features including circ-logic technology and isolation valves for ease of maintenance.

Super-High-Efficiency (Condensing) Tankless Water Heaters

RUC80I & RUC98I Series: One of Rinnai's most efficient interior models. Features condensing technology with two heat exchangers, circ-logic technology and isolation valves for ease of maintenance.

RUR98I Series: End the wait for hot water with our most efficient tankless water heater featuring ThermoCirc360 Recirculation Technology.

Endless supply of hot water - Never worry about running out of hot water again. **More space in the home** - Replacing a large, clunky tank with a Rinnai Tankless Water Heater, which is roughly the size of a carry on suitcase frees up valuable storage space and allows flexibility to install in non-traditional locations such as laundry rooms, closets, etc. **Save on energy and water costs** - Rinnai Tankless Water Heaters use up to 40% less energy than a traditional tank. Additionally, using one of Rinnai's options for recirculation, can supply hot water faster, resulting in less wasted water. **Longer product life** - Rinnai is known for quality. Rinnai Tankless Water Heaters have a life span of up to twice as long as a traditional tank.



RL75I Series



RL94E Series



RUC80I Series



RUC98I Series



RUR98I Series

Model	Temperature Range (Residential)	Flow Rate (70° / 50° Temp Rise)	Min / Max btu	Uniform Energy Factor	Installation Type	Weight
RL75IP	98° - 140°	4.3 / 6.0 gallons	10,300 / 180,000	0.81	Indoor	45.6 lbs
RL75EP	98° - 140°	4.3 / 6.0 gallons	10,300 / 180,000	0.81	Outdoor	45.6 lbs
RL94IP	98° - 140°	4.7 / 6.6 gallons	10,300 / 199,000	0.81	Indoor	46.3 lbs
RL94EP	98° - 140°	4.7 / 6.6 gallons	10,300 / 199,000	0.81	Outdoor	46.3 lbs
RUC80IP	98° - 140°	4.2 / 5.9 gallons	15,200 / 152,000	0.92	Indoor	61.7 lbs
RUC98IP	98° - 140°	5.5 / 7.7 gallons	15,200 / 199,000	0.92	Indoor	61.7 lbs
RUR98IP	98° - 140°	5.5 / 7.7 gallons	15,200 / 199,000	0.92	Indoor	72.8 lbs

Value Series Tankless Water Heaters

High Efficiency, Non-Condensing Technology. Ideal for medium to smaller homes, these compact models offer the perfect combination of comfort and value.



V Series Indoor Model



V Series Outdoor Model

Model	Temperature Range (Residential)	Flow Rate (70° / 50° Temp Rise)	Min / Max btu	Uniform Energy Factor	Installation Type	Weight
V53EP	120° - 140°	2.8 / 4.0 gallons	20,200 / 120,000	0.81	Outdoor	34 lbs
V65IP	98° - 140°	3.6 / 5.0 gallons	10,300 / 150,000	0.81	Indoor	45.6 lbs
V65EP	98° - 140°	3.6 / 5.0 gallons	10,300 / 150,000	0.81	Outdoor	43.6 lbs
V75IP	98° - 140°	4.3 / 6.0 gallons	10,300 / 180,000	0.81	Indoor	45.6 lbs
V75EP	98° - 140°	4.3 / 6.0 gallons	10,300 / 180,000	0.81	Outdoor	43.6 lbs
V94IP	98° - 140°	4.7 / 6.6 gallons	10,300 / 199,000	0.81	Indoor	46.3 lbs
V94EP	98° - 140°	4.7 / 6.6 gallons	10,300 / 199,000	0.81	Outdoor	44.3 lbs

Accessories Available. Models listed are for Propane. Also Available in Natural Gas. (For Natural Gas Units, replace P at the end of the part # with N.) Rinnai Next Generation Sensei™ (RU130, RU160, RU180 and RU199 Series) Tankless Water Heaters also available. Please Call.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

K1

Rev 8/20

Bosch Tankless Gas Water Heaters

The Benefits of Going Tankless

Most North American consumers currently use storage tank water heaters to provide domestic hot water, using energy to keep water hot 24 hours a day, even while away from home or sleeping. However, a tankless water heater heats water only when it's needed, making it significantly more energy efficient than storage tank models.

All models featured below are CSA approved and available in LP-Gas or Natural Gas.



Electric Ignition Unit

Bosch Therm Condensing - C1210 Series - New model offers a flow rate of up to 12.1 gpm, 98% efficiency, and the most advanced features in tankless technology. It is designed to cascade for increased flow rates and will accommodate recirculating applications as well.



Bosch Condensing Electronic Ignition

ProTL Series

Energy Star Rated - up to 98% efficient. Designed to offer maximum efficiency during high demand periods in the average North American home. Ultra Low NOx Certified. Digital display for accurate temperature setting. Intelligent cascading up to 24 units.



Bosch ProTL Series

Part Number	Description	Ignition	Max BTU/hr Input	Capacity @ 35° Rise	Thermal Efficiency
C1210ESLP	Tankless Water Heater, LP-Gas	Electric	225,000	12.1 gpm	98%
C1210ESNG	Tankless Water Heater, Natural Gas				
PROTL199C LP	Tankless Water Heater, LP-Gas		199,000	10.5 gpm	92%
PROTL175C LP	Tankless Water Heater, LP-Gas		175,000	9.2 gpm	91%
PROTL199 LP	Tankless Water Heater, LP-Gas		199,000	9.4 gpm	82%
PROTL175 LP	Tankless Water Heater, LP-Gas		175,000	8.3	82%

Also available in Natural Gas configurations

K2

Bosch Tankless Water Heater Accessories

Part no.	Description	Features
7709003962	Intelligent Cascading Kit	C950ES, C1050ES and C1210ES models
AQ4	Power Vent Kit	330PN, 520PN & 520HN models
196016	Concentric Termination Kit	C950ES, C1050ES and C1210ES models



7709003962



AQ4



196016

Selkirk Metalbestos



Aluminum/Galvanized Steel Double Wall Venting with Lock Tab
 "Lock Tab" feature eliminates the need to use sheet metal screws to secure pipe connections in areas where local codes require it. Double wall construction provides permanent insulation and keeps the inner pipe hot and the outer pipe relatively cool. Outer pipe is strong, durable galvanized steel and inner pipe is aluminum. Each end is die formed to assure uniform size and easy joint connection. Fully tested & UL listed. Limited quantities available. Call for details.

3" through 5" Aluminum/Galvanized Steel Double Wall Venting - Round

Part no./ Carton qty.						Description
RV Round 3"	RV Round 4"	RV Round 5"				
103060	6	104060	6	105060	4	Pipe-5'
103048	6	104048	6	105048	4	Pipe-4'
103036	6	104036	6	105036	6	Pipe-3'
103024	6	104024	6	105024	6	Pipe-2'
103018	6	104018	6	105018	6	Pipe-18"
103012	6	104012	6	105012	6	Pipe-12"
103006	6	104006	6	105006	6	Pipe-6"
103082	6	104082	6	105082	6	Pipe-12", adjustable
103230	6	104230	6	105230	6	90° elbow, adjustable
103222	6	104222	6	105222	6	Elbow, adjustable. 3" - 6" are 45°/60°. 7" & 8" are 45°.
103100	6	104100	6	105100	6	Tee
103180	6	104180	6	105180	6	Tee cap
103800	6	104800	6	105800	6	Top, Bird-proof
103802	6	104802	6	105802	6	Top, High wind
103810	6	104810	6	105810	6	Storm collar
103240	6	104240	6	1056240	6	Draft hood connector

Part no. / Carton qty.						Description
RV Round 3"	RV Round 4"	RV Round 5"				
187703	6	187704	6	187705	6	Wall thimble - Adjusts from 4 1/8" to 7" thickness
103460	6	104460	6	105460	6	Pipe collar, galvanized-May be used as fire stop
103825	6	104825	6	105825	6	Adjustable roof flashing - Adjustable to 6/12 pitch
103815	6	104815	6	105815	6	Tall cone, flat roof flashing
103820	6	104820	6	105820	6	Tall cone, adj. roof flashing
103304	6					Increaser 3" x 4"
103305	6					Increaser 3" x 5"
		104305	6			Increaser 4" x 5"
		104306	6			Increaser 4" x 6"
				105306	6	Increaser 5" x 6"
				105307	4	Increaser 5" x 7"
						Increaser 6" x 7"
						Increaser 6" x 8"
						Increaser 7" x 8"
		104363	6			Reducer 4" x 3"
				105364	6	Reducer 5" x 4"
						Reducer 6" x 5"
						Reducer 8" x 7"

K3

NOTE: CALL items are special order. Other sizes available as special order. Call for details.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

K3

Rev 8/20

Order Online: www.teecoproducts.com
 e-mail: info@teecoproducts.com

Sacramento, CA
 (800) 225-6621

Auburn, WA
 (800) 426-9456

Rapid City, SD
 (800) 843-8660

Humphrey Gaslights

Mounts permanently and operates on standard low-pressure LP-Gas. Provides brightness comparable to a 70-watt bulb. Preset air-intake eliminates adjustments. One pound of propane produces approximately eleven hours of light. Models available for cottage/cabin and RV applications. Durable Pyrex glass globes. Wall mount, or ceiling mount one to three lights together with optional ceiling mount kit (OPK-3). Durable finishes. Heat-resistant enamels will not chip or crack. AGA approved.

Series 9 Has a preformed mantle for home, cabin, cottage or other static applications.

Series 9 Part no.	Description
9-NA	Natural almond finish
9-PG	Pebble gray finish
9-RW	Rustic walnut finish
9-FL	Flat chrome finish
9-GR	Hunter green finish

Series 9T Uses flexible tie-on or clip-on mantle for campers and RV's. Reduced breakage from vehicle motion.

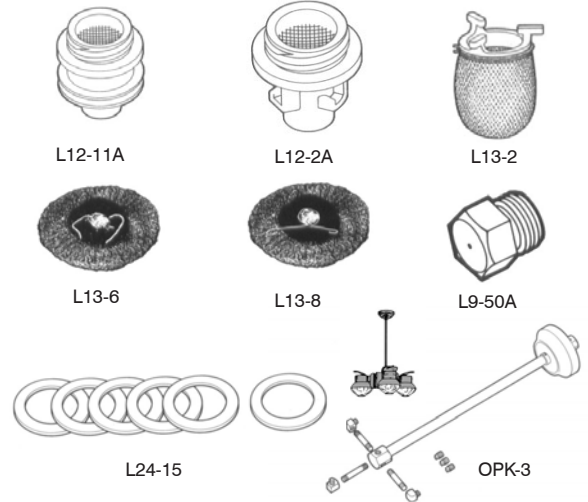
Series 9T Part no.	Description
9T-NA	Natural almond finish
9T-PG	Pebble gray finish
9T-RW	Rustic walnut finish </td
9T-FL	Flat chrome finish
9T-GR	Hunter green finish



Accessories and Parts

High altitude and natural gas nozzles also available. Call for information.

Part no.	Description	For Series
L12-11A	Burner nose for flexible mantle with rim/screen	9T
L12-2A	Burner nose for preformed mantle with hook rim/screen	9
L13-2	Pre-formed mantle (1 pack)	9
L13-6-5PK	Tie-on mantle (5 pack)	9T
L13-6-100PK	Tie-on mantle (100 pack)	9T
L13-8-5PK	Clip on mantle (5 pack)	9T
L24-15-6PK	Seals- Fit between burner nose and Bunsen (six pack)	9, 9T
L6-20	Half-frosted Pyrex globe	9, 9T
L9-50	Propane gas nozzle	9, 9T
L9-52	Propane gas nozzle for use above 4,500 ft. elevation	9, 9T
OPK-3	Kit for mounting 1-3 lights to ceiling. Lights sold separately	9, 9T



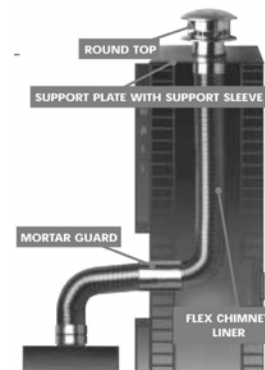
K4

Chimney Liner Kits

SWII Flexible Chimney Liner Kits

Quality flexible chimney liner at a competitive price. Kit includes 2-ply flex liner, top, support plate, support sleeve, mortar guard, inlet coupler and hardware.

Part no.	Diameter	Length of liner
1738033	3"	25'
1738055		35'
1748033	4"	25'
1748055		35'
1758033	5"	25'
1758055		35'
1768033	6"	25'
1768055		35'



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

K4

Rev 8/20

Robertshaw

1810 Pilot Burner Kit

An aerated constant burning pilot which provides main burner ignition. Has reversible left/right bracket. Has natural orifice installed and LPG orifice included. Universal replacement for 1810-307 & 1810-309.



Part no.	Description
1810-100	1810 pilot kit

1820 Replacement Pilot Kit

Replaces ITT-General PG9 style pilot. Comes with natural and LPG orifices. 500-600 MV, w/thermocouple.

Part no.	Description
1820-019	90° left
1950-001	Replacement cartridge, 2-lead wire connector
1951-001	Replacement cartridge, coaxial connector



1830 Incinerator-Target Pilot

Aerated type pilots, combining features of incinerator and target type pilots.

Part no.	Description
1830-110	Mounting bracket type



41-400 Hot Surface Igniters

For furnaces, boilers, rooftop heaters, unit heaters, water heaters and other type of HVAC equipment.

Part no.	Description*
41-401	Terminal block, 4½" lead
41-402	Wire nut, 19" lead
41-403	Wire nut, 5½" lead
41-405	Wire nut, 5½" lead
41-406	Wire nut, 10½" lead
41-407	Terminal block, 4½" lead
41-408	Terminal block, 4½" lead
41-409	Terminal block, 4½" lead
41-410	Terminal block, 4½" lead
41-411	Terminal block, 4½" lead

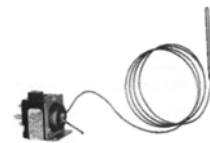


* Call for specific replacement application

White-Rodgers

Safety Pilots

Plug in type. Hydraulic pilot to open main gas valve. Has automatic reset. Element: 42".



Part No.	Description
30A46-5	Liquid-filled gas pilot, 100% shutoff.
3046-5	Liquid-filled gas pilot, no shutoff.

Honeywell

Pilot Generators

Eliminates the need for outside power source. Easy push-in installation. Individually skin-packed.

Part no.	Description
Q313A1139	39" leads
Q313A1170	35" leads, PG9 adapter



Pilot Burners

Part no.	Description
Q314A4586	Insert orifice type
Q327A1626	Spud orifice type



L1

Penn-Baso

J Series Multi-Mount Pilot Burners

Mounting bracket on all four sides 3 tapped holes in each bracket end for vertical adjustment. Natural gas and LPG orifice supplied. Nuts and bolts furnished.



Part no.	Description
J999MHA-2	L-channel burner
J999MKA-2	Shell burner
J999MYA-2	Y-channel burner

Universal replacement pilot burner for J10(-)DDA, J11(-)DDA, (D10 and D11) types. Card contains two inlet fittings and necessary parts.

Part no.	Description
J991MDA-2	Tip position 1
J992MDA-2	Tip position 2
J993MDA-2	Tip position 3
J994MDA-2	Tip position 4
J995MDA-2	Tip position 5
J996MDA-2	Tip position 6
J997MDA-2	Tip position 7
J998MDA-2	Tip position 8
J999MDA-2	Tip position 9



Pilot Burner Tubing

Y99AR-1 pilot burner tubing is a convenient way to stock and sell the 1/4" tubing.



Part no.	Description
Y99AR-1	1/4" x 60" tubing

ITT General

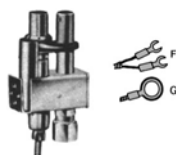
G251 Pilot Generators

Part no.	Description
1951-536	36



PG9 Pilot Generator

Part no.	Description
PG9A27JTL022	2 ports, 90°R & 90°L
PG9A41JTL020	Cobra, 90°L
PG9A42JTL020	Cobra, 90°R
Specify if F or G terminals desired.	



Penn-Baso

Standard Safety Pilot Valves

Manual valves, 100% shutoff, safe lighting.

Part no.	Description
H43AA-12	3/8"
H43BA-2	1/2"



100% shutoff, without flow interrupter, for small appliances.

Part no.	Description
H17BB-1	1/4"
H17CB-3	3/8"
H17DB-5	1/2"



High Pressure Safety Pilot Valves

High pressure design allows use on gas pressures up to 25 psig. Pilot gas taken from within control.

Part no.	Description
H19NA-4	1/4" w/flow interrupter
H19RA-2	3/8" no flow interrupter



Automatic Main Gas Valves

Electrically operated valves for use with all fuel gases. Size 3/4" with 1/2" and 3/8" reducer bushings.

Part no.	Description
H91RA-4	120V
H91RG-1	25V
H91RS-2	208/240V



Safety Pilot Switches

Baso automatic SPDT pilot switches are wired to interrupt the automatic main gas valve circuit if the pilot flame is extinguished.

Part no.	Description
L61LL-1	Auto reset, no 100% shutoff
L62AA-5	Manual reset, no 100% shutoff
L62GB-3	Manual reset, w/100% shutoff



Robertshaw

Hydraulic

100% safety and manual gas cock. 1/2" inlet with three position outlets. Capillary and bulb 36". Rated 100,000 BTU natural gas. 1/8" pressure tap. Pilot outlet is 1/4" tubing.

Part no.	Description
700-204	LP-Gas, Snap-Throttle
700-205	Natural gas, internal regulator, Snap-Throttle

Remote Dial

Same as above, but with remote temperature control dial.

Part no.	Description
700-207	LP-Gas
700-208	Natural gas

Low Capacity

Designed for RV's and other low capacity applications. Manual gas cock, automatic pilot. 1/2" inlet/outlet with 3 position outlets. For natural or LP gas.

Part no.	Description
710-101	Manual
710-201	Snap action hydraulic, LP-Gas
710-205	Snap action, hydraulic, natural gas

24 Volt

Combination gas controls. Can be mounted in any position except upside down. 1/4" pilot tube outlet.

Part no.	Gas	Inlet	Outlet
700-400	Nat./LPG	1/2"	Straight
700-401	LPG	1/2"	3-position
700-402	Nat./LPG	1/2"	3-position
700-406	Natural	3/4"	3-position

24 Volt Dual Valve

Use to replace most dual (six function) valves. 1/2" FPT inlet. LP or natural gas.

Part no.	Description
720-400	3/4" outlet Nat./LPG
720-403	3/4" outlet Nat./LPG



L3

ASCO (ITT General)

K3 Magnetic

Efficient solenoid gas valves for 24V. Coil housing can rotate for easier wiring. Soft seats, positive closure. LPG or natural Gas.

Part no. 24V	Pipe Size
K3A441U	1/2"
K3A451U	3/4"
K3A461SU	1"

Part no. 120V	Pipe Size
K3A442SU	1/2"
K3A452SU	3/4"
K3A462SU	1"
K3A772SU	1 1/4"



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L3

Rev 8/20

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Robertshaw Gas Oven Controls

4020 (FMDA) Safety Pilot

100% gas shut-off in case of pilot outage. When reset button is depressed during lighting, pilot gas will flow to the pilot burner only. Capillary bushing type of both 1 & 2. 4020-003 & 011 both have 4 mounting holes.



Part no.	Description
4020-009	48" capillary, 3/8" FPT

1710 (TS Body) Gas Carrier

1710 series replacement bodies are used with the 1720 series replacement magnet heads in TS Automatic safety valve application. When a new 1710 replacement body is ordered, a new 1720 safety magnet must also be used.



Part no.	Description
1710-110	1/4" pipe inlet and outlet
1710-111	3/8" pipe inlet and outlet
1710-126	1/2" pipe inlet and outlet

L4

1720 (TS Magnet Heads) Replacement Safety

1720 series replacement magnets are used with DS1710 series bodies in TX automatic safety valve applications. Each kit magnet head is tapped for 1/8" pipe with fittings to adapt to 3/16" and 1/4" I.C. tubing. Pilot adjustment key is standard on each kit.



Part no.	Description
1720-802	Flow interruption

Robertshaw Water Heating Controls

120 Stock Tank Gas Valve

Hydraulic snap-action combination gas valve.



Part no.	Description
120-203	36° F. - 68° F.

110 Water Heating Regulation

Combination gas water heater thermostat. Designed for universal replacement. Use where main gas and pilot gas regulation is required. 160°F. Hi-Stop with 100% automatic pilot.

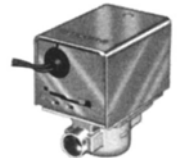


Part no.	Description
110-326	3.5" WC natural gas
110-203	Convertible, 4.0" WC natural gas or 11" WC LP-Gas

Honeywell Water Heating Controls

Zone Valves

24V 2 wire - normally closed valve for hot water up to 240°F. at 20 psi. Motor pulls 9-6 VA. End switch for circulator makes when valve fully open.



Part no.	Description
V8043F1036	3/4" sweat
V8043F1051	1" sweat

Honeywell

Q340A Universal

Honeywell "Bullseye" universal thermocouple. With adapters and nuts to fit all pilot burners.

Part no.	Description
Q340A1066	18" length
Q340A1074	24" length
Q340A1082	30" length
Q340A1090	36" length



Call or check our website for quantity pricing

Q390A

Bottom-lock design. Universal two-piece adapter.

Part no.	Description
Q390A1095	18" length
Q390A1046	24" length
Q390A1053	30" length
Q390A1061	36" length



Call or check our website for quantity pricing

Robertshaw

1970 Uni-Couples

Zip nuts may be pushed, pulled threaded onto the Uni-couple tip for ease in making installations on pilot burners.

Part no.	Description
1970-018	18" length
1970-024	24" length
1970-030	30" length
1970-036	36" length
1970-048	48" length
1970-060	60" length
1970-072	72" length



Call or check our website for quantity pricing

1980 Snap-Fit

Easy installation with the snap-fit adapter.

Part no.	Description
1980-012	12" length
1980-018	18" length
1980-024	24" length
1980-030	30" length
1980-036	36" length
1980-048	48" length
1980-060	60" length
1980-072	72" length



Call or check our website for quantity pricing

Penn-Baso

K19AT Universal Replacement

For series G and H Baso valves.

Part no.	Description
K19AT-18	18", 25-35 MV range
K19AT-24	24", 25-35 MV range
K19AT-30	30", 25-35 MV range
K19AT-36	36", 25-35 MV range
K19AT-48	48", 25-35 MV range
K19AT-60	60", 25-35 MV range
K19AT-72	72", 25-35 MV range



Call or check our website for quantity pricing

16BT "Husky"

Heavy duty, high output, commercial-industrial. Is a replacement for 50/58D.

Part no.	Description
K16BT-18	18", 25-35 MV range
K16BT-24	24", 25-35 MV range
K16BT-30	30", 25-35 MV range
K16BT-36	36", 25-35 MV range
K16WT-48	48", 25-35 MV range
K16WT-60	60", 25-35 MV range
K16WT-72	72", 25-35 MV range



K15FS Snap-In

Snap-in clip for fast easy assembly for valves and switches and Basotrol valves.

Part no.	Description
K15FS-36	36", 22-28 MV range



Junction Block Adapter

Insert between thermocouple and valve or switch to use limit or other safety mechanism.

Part no.	Description
Y99AN-1	Junction block adapter



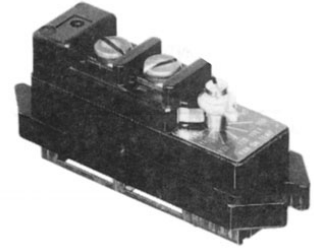
L5

White-Rodgers

Flush Mount Fan or Limit Control

757-1 fan control. Snap action. Rated 8A on 120V. Range 70° F. to 160° F. 758-1 limit switch. For 24V., 120V. or MV. Range 110° F. to 200° F.

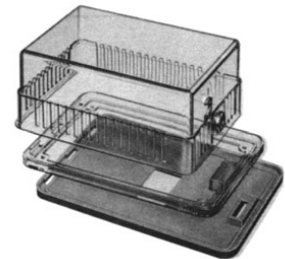
Part no.	Description
757-1	Fan control
758-1	Limit switch



Universal Thermostat Guards

Transparent frame fastens to wall with four screws without disturbing mounted thermostat.

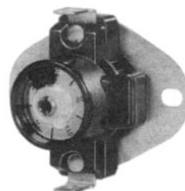
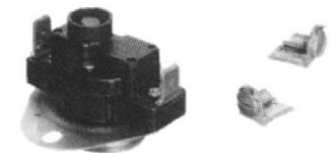
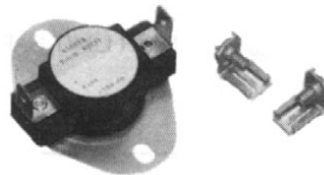
Part no.	Description
F29-0198	Thermostat guard



Snap-Disc Fan & Limit Control

SPST switches, close on temperature rise. Complete kit with flanges and terminals. Rated 12 amps.

Part no.	Description
Fan Controls	
3F01-110	110° cut-in
3F01-120	120° cut-in
3F01-130	130° cut-in
3F01-140	140° cut-in
3F01-150	150° cut-in
3F01-160	160° cut-in
Limit Controls	
3L01-180	140° cut-in
3L01-190	150° cut-in
3L01-200	160° cut-in
Limit Controls - Manual Reset	
3L02-160	160° cut-out
3L02-170	170° cut-out
3L02-180	180° cut-out
3L02-190	190° cut-out
3L02-200	200° cut-out
Fan & Limit Switches	
3F05-3	90-130
3F05-4	140-180
3L05-6	210-250



L6

Residential Detectors

Pocket Air Check Portable Gas Detector

Portable, battery operated (not included), solid-state instrument used in applications requiring detection of combustible gas..

Locates leaks in pipes, valves, fittings and tanks. Detects natural gas, methane, propane, hydrogen and butane.

Handheld and highly sensitive, the Pocket Air Check makes finding gas leaks as easy as using a flashlight and at a fraction of what other portable detectors cost. The Pocket Air Check is a toolbox requirement for the HVAC technician, plumber, homeowner or anyone working with combustible gas installations, especially propane or natural gas.



Part no.	Description
500A0300A	Portable battery-powered combustible gas detector

Freeze Alarm

S483B Winter Watchman

Freeze warning device. Completes circuit to household lamp on temperature fall, indicating failure of heating plant.



Part no.	Description
S483B1002	120 watt resistive range 30°F. to 60°F. adjustable

Lubricant

Penn-Baso Gas Valve Grease

Provides excellent lubrication at 0°F. to 300°F. Will not run at high temperatures, remains plastic at low temperature.



Part no.	Description
Y70AA-1	Gas Valve Grease 2½ oz.

Honeywell Pilot Orifices

Insert-Orifice

Fits Q308, Q314, Q325, Q327

Part no.	Description
390686-1	LPG
390686-4	Natural gas



Fits Q303, Q305

Part no.	Description
388468D	1/4" tube, LPG



Penn-Baso Pilot Orifices

Fits J999's. 1/4" copper connection.

Part no.	Orifice Size
Y90AA-4207	0.007
Y90AA-4208	0.008
Y90AA-4209	0.009
Y90AA-4210	0.01
Y90AA-4211	0.011
Y90AA-4212	0.012
Y90AA-4213	0.013
Y90AA-4214	0.014
Y90AA-4015	0.015
Y90AA-3218	0.018
Y90AA-7218	0.018
Y90AA-3221	0.021
Y90AA-3223	0.023
Y90AA-3225	0.025



Fits J999's. 1/8" MPT.

Part no.	Orifice Size
Y90BB-4209	0.009
Y90BB-4309	0.009
Y90BB-4210	0.01
Y90BB-4310	0.01
Y90BB-4211	0.011
Y90BB-4311	0.011
Y90BB-4312	0.012



Fits J999's. 1/8" FPT.

Part no.	Orifice Size
Y90CB-4409	0.009
Y90CB-4410	0.01
Y90CB-4411	0.011
Y90CB-4412	0.012
Y90CB-3423	0.023



Fits old R64 series. 1/4" copper connection, extended.

Part no.	Orifice Size
Y90HA-4707	0.007
Y90HA-4710	0.01
Y90HA-4711	0.011
Y90HA-4712	0.012



Robertshaw Pilot Orifices

1800 Pilot Orifice / 1810 Pilot			
Part no.	Tube Size	Orifice Size	Gas
10-168	1/4"	0.016	Natural
10-166	1/4"	0.011	LPG
1820, 1830 Pilot Orifice			
Part no.	Tube Size	Orifice Size	Gas
10-114	1/4"	0.01	LPG
1890 Pilot Orifice			
Part no.	Description		
10-043	3/16" tube size. Fits A1898 R/S.		



A & F Pilot Orifices

Part no.	Description
PS-653	Pilot insert orifice, 3/16" O.D.

Part no.	Description
PS-668	Pilot orifice, 1/4" compression connection to 7/16" x 27 thread

Part no.	Description
PS-677	Pilot orifice fitting, 3/16" compression connection to .215" x 28 thread

ITT General Controls Replacements

Part no.	Description
GE-751	Pilot elbow, 1/4" compression connection, replacement for PG-1 clip type model

Part no.	Description
GE-752	Pilot tip, 1/4" compression connection, replacement for old 260, PG-9 and PG-1, L Model

Part no.	Description
GE-753	Pilot orifice fitting, 1/4" compression connection to 5/16" x 32 thread, replacement for 1260 26T, PC, PG9, and current PG1, T model

Part no.	Description
GE-754	Orifice fitting, 1/4" compression connection to 5/16" x 32 thread, replacement for 26T and PG-9

Part no.	Description
GE-755	Pilot orifice elbow, 1/4" compression connection to 5/16" x 32 thread, replacement for 26T & PG9

Part no.	Description
GE-757	Pilot orifice, aluminum 8 x 32 thread spud. replacement for P.C. Pilot

Part no.	Description
GE-758	Bullet nose pilot insert orifice, 5/32" O.D. Length 5/16". Used in GE-750 through GE-756



Honeywell/Minneapolis Replacements

Part no.	Description
MH-850	1/2" hex orifice fitting, 1/4" compression connection to 7/16" x 27 male thread (Q-305, Q-324, CS-893, CS-894)

Part no.	Description
MH-851	1/2" hex orifice fitting, 1/4" compression connection to 7/16" x 27 male thread, replacement for 388146-JE, AC & AA (Q-314, Q-320A)

Part no.	Description
MH-852	Hex orifice fitting, 1/8" FPT to 7/16" x 27 male thread, replacement for 388146 (Q-320)

Part no.	Description
MH-853	Hex orifice fitting, 1/8" MPT to 7/16" x 27 male thread, replacement for 388460F & AB386289-B (CS893)

Part no.	Description
MH-854	Hex orifice fitting, 1/4" compression connection to 7/16" x 27 male thread, replacement for 388468-H (303,305 and Q308-A)

Part no.	Description
MH-856	Pilot orifice, replacement for Power Pile pilot

Part no.	Description
MH-857	Bullet nose pilot orifice, replacement for Power Pile pilot, 388256G

Part no.	Description
MH-858	Pilot orifice, for Q-308, Q-314, 390686-4 (NG) and 390686-1 (LPG)

Part no.	Description
MH-859	Pilot orifice, for type 5 internal CS-82 388256G natural gas and 388256 LP-Gas.



L8

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A & F Pilot Orifices

Penn Baso Replacements

Part no.	Description
BA-701	1/8" MPT to 7/16" x 27 thread, LP-010 drill

Part no.	Description
BA-702	1/4" compression connection to 7/16" x 27 thread, LPG only, used for Baso series 19119 (22FLP), LP-010 drill

Part no.	Description
BA-703	1/8" FPT to 7/16" x 27 thread, LP-010 drill

Part no.	Description
BA-712	1/8" pipe to 1/4" compression connection elbow

Part no.	Description
BA-713	3/16" compression connection to 7/16" x 27 thread, replaces No. 6

Part no.	Description
BA-715	1/4" compression connection to 7/16" x 27 thread, replaces No. 13

Part no.	Description
BA-716	1/4" inverted flare connection to 7/16" x 27 thread, replaces No. 14

Part no.	Description
BA-717	3/16" compression connection to 5/16" x 32 thread, replaces No. 18, used in pilot burner A10

Part no.	Description
BA-718	1/4" compression connection to 7/16" x 27 thread double orifice, replaces No. 2 orifice, fits B, C, D, F and R

Part no.	Description
BA-719	1/8" FPT to 7/16" x 27 thread double orifice, replaces No. 4 orifice, fits B,C,D,F, and R

Part no.	Description
BA-720	1/8" MPT to 7/16" x 27 thread, double orifice, replaces No. 3 orifice, fits B,C,D,F and R

Part no.	Description
BA-721	1/4" compression connection. Replaces Baso Y90DA



Robertshaw/Grayson Replacements

Part no.	Description
GR-800	Pilot orifice, long type, length 29/64"

Part no.	Description
GR-801	Pilot orifice, short type, length 21/64"

Part no.	Description
GR-803	Pilot orifice, for 1/4" compression connection, replacement for A1800 (9B), length 1/2"

Part no.	Description
GR-804	Pilot orifice, for 1/4" compression connection, replacement for A1810 (2B), length 57/64"

Part no.	Description
GR-805	Pilot orifice, for 1/4" compression connection, replacement for A1840 pilot (2B Target), length 115/32"

Part no.	Description
GR-806	Pilot orifice, for 3/16" compression connection, replacement for A1800 pilot (9B), length 9/16"

Part no.	Description
GR-807	Pilot orifice, for 3/16" compression connection, replacement for A1810 pilot (2B), length 13/16"

Part no.	Description
GR-812	Mini pilot, 1/4" inverted flare to 5/16" x 32 male thread

Part no.	Description
GR-813	Pilot orifice, 1/4" compression connection, replacement for A1820 (2C) and A1830 (2CH)



L9

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A & F Pilot Orifices

Part no.	Description
GR-814	Pilot burner, 1/4" compression connection replacement for A1810 (2B), reversible brackets
GR-815	Pilot burner, 3/16" compression connection, replacement for A1810 (2B), reversible

Part no.	Description
GR-816	3/16" compression connection to 5/16" x 32 thread, replacement for P10-026. For A1860 pilot thermocouple 200 series, .011 drill
GR-818	3/16" compression connection to 5/16" x 32 thread, replacement for P10-037. For A1850 pilot thermocouple 100 series, .010 drill
GR-819	1/4" compression connection to 3/8" x 24 thread, replacement for P10-024. For A1870 pilot thermocouple 400 series, .016 drill

Part no.	Description
GR-820	1/4" compression connection to 5/16" x 24 thread, replacement for A1860 pilot thermocouple, .011" drill

Part no.	Description
GR-827	1/4" compression connection, 90° bracket, replacement for A-1800-125-127 (9B) pilots.
GR-828	Vertical type pilot burner, 1/4" compression connection, 180° bracket, replacement for A-1800 series (9B)



L10

White-Rodger Replacements

Part no.	Description
WR-901	1/8" FPT to 1/2" x 20 thread, replacement for style Y

Part no.	Description
WR-902	Elbow, 1/4" compression to 1/2" x 20 thread with swivel for swivel for adjusting through 360 degrees arc, replacement for Style Z

Part no.	Description
WR-903	1/4" compression connection to 7/16" x 20 thread, replacement for style U

Part no.	Description
WR-905	1/4" compression connection to 7/16" x 20 thread, elbow with swivel for adjusting through 180° arc, replacement for style W

Part no.	Description
WR-906	Swivel type pilot orifice fitting, 1/4" compression connection to 7/16" x 20 thread, replacement for fitting E-31.



A & F Cap Orifices

Part no.	Description
CO-400-72	1/2" hex cap orifice, standard flat end, 3/8" x 27 thread, length 23/32", LP-72 drill
CO-400-80	1/2" hex cap orifice, standard flat end, 3/8" x 27 thread, length 23/32", LP-80 drill
CO-401-72	1/2" hex cap orifice, standard flat end, 1/8" taper pipe thread, length 11/16", LP-72 drill
CO-401-80	1/2" hex cap orifice, standard flat end, 1/8" taper pipe thread, length 11/16", LP-80 drill
CO-402	1/2" hex cap orifice, standard flat end, 3/8" x 40 thread, length 11/16", LP-72 drill



Part no.	Description
CO-403-72	1/2" hex cap orifice, standard counter bored end, 3/8" x 27 thread, length 3/4", LP-72 drill



Part no.	Description
CO-404	9/16" hex cap orifice, standard flat end, 1/2" x 27 thread, length 5/16", LP-72 drill
CO-405	9/16" hex cap orifice, standard flat end, 1/2 x 20 thread, length 15/16", LP-72 drill
CO-406-72	1/2" hex cap orifice, standard flat end, 3/8" x 27 thread, length 13/16", LP-72 drill
CO-410	11/16" hex cap orifice, standard flat end, 9/16" x 24 thread, length 1-5/32", LP-72 drill



Part no.	Description
CO-414	1/2" hex cap orifice, 3/8" x 27 thread, length 1", LP-78 drill



Part no.	Description
CO-415	9/16" hex cap orifice, standard flat end, 7/16" x 27 thread, length 57/64", LP-72 drill



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

L10

Rev 8/20

A & F Plug Orifices

Part no.	Description
PO-501	5/16" hex plug orifice, 16 x 36 thread, LP-72 drill



Part no.	Description
PO-508	1/4" hex plug orifice, 1/4" x 28 thread, LP-72 drill



Part no.	Description
PO-511-72	1/2" hex plug orifice, 7/16" x 27 thread, LP-72 drill
PO-511-80	1/2" hex plug orifice, 7/16" x 27 thread, LP-80 drill



Part no.	Description
PO-518-72	3/8" hex plug orifice, 11/32" x 32 thread, LP-72 drill
PO-518-80	3/8" hex plug orifice, 11/32" x 32 thread, LP-80 drill



Part no.	Description
PO-523	7/16" hex plug orifice, 1/8" taper pipe thread, blank



Part no.	Description
PO-527	3/8" hex plug orifice, 5/16" x 32 thread, LP-80 drill



Part no.	Description
PO-528	1/4" hex plug orifice, 10 x 32 thread, .010" drill



Part no.	Description
PO-529	3/8" hex plug orifice, 5/16" x 27 thread, LP-72 drill



Part no.	Description
PO-531	3/8" hex plug orifice, 5/16" x 32 thread, LP-80 drill



Part no.	Description
PO-532	5/8" hex plug orifice, 5/8" x 18 thread, LP-72 drill



Part no.	Description
PO-533	3/8" hex plug orifice, 5/16" x 32 thread, LP-72 drill



Part no.	Description
PO-536	7/16" hex plug orifice, 3/8" x 27 thread, LP-80 drill



Part no.	Description
PO-537	5/8" hex plug orifice, 1/8" taper pipe thread, LP-72 drill



Part no.	Description
PO-538	7/16" hex plug orifice, 3/8" x 32 thread, LP-72 drill



Part no.	Description
PO-539	Reverse plug, 10 x 32 thread, LP-010 drill. Has 3/32" hex hole for Allen wrench. Can be used in hard to get to places.



Part no.	Description
PO-542	7/16" hex plug orifice, 3/8" x 24 thread, LP-72 drill



Part no.	Description
PO-543	1/2" hex plug orifice, 7/16" x 24 thread, LP-72 drill



L11

A & F Orifice Assortments



Main Orifice Assortment Kit

Over 300 orifices in 23 styles for popular gas burners. In 9¾" x 13½" x 2" baked enamel steel case.

Part no.	Description
MI-131*	Main orifice kit
MI-134	Case only
*Specify if for natural gas or LPG	

Pilot Orifice Assortment Kit

Over 100 orifices in 29 styles. Specify if for Natural gas or LPG. 9¾" x 13½" x 2" baked enamel steel case.

Part no.	Description
MI-132*	Pilot orifice kit
MI-134	Case only
*Specify if for natural gas or LPG	

LPG Plug & Cap Orifice Kit

For LP only and consists of nearly 300 pieces. 23 popular items included. All are 72 drill or furnished blank. 9¾" x 13½" x 2" baked enamel steel cabinet.

Part no.	Description
MI-135	LPG plug and cap orifice kit
MI-134	Case only

A & F Adapters

Adapter Kit

This adapter will renew from 80 to 90 percent of all orifices, enabling them to use a higher BTU. gas. Obsolete as well as modern appliance orifices can be renewed efficiently at a minimum cost. Kit includes all tools needed to assemble MI-100 adapters: TL-070/TL-061 reamer & hand piece (1) TL-074 anvil (1) TL-063 driving tool (1) TL-062/TL-064 crimping tools (1 ea.) MI-100-72 Adapters, LP-72 drill (100)



Part no.	Description
MI-100K	Adapter installation kit
MI-100	Adapter, blank
MI-100-72	Adapter, LP-72 drill size
MI-100-80	Adapter, LP-80 drill size

Adapter Needles

Part no.	Description
MI-109	Shoulder type needle, press in fit, not drilled
MI-110	Universal needle, 72 drill size



MI-109



MI-110

Adapter Tools

For assembly of MI-100 adapters.

Part no.	Description
TL-062	Crimping tool



Part no.	Description
TL-063	Driving tool



Part no.	Description
TL-074	Safety anvil for orifice caps, MI-100 adapters



Red Dragon Patio Lights

Produce a soft glow from an open flame. Simply attach to standard 20 lb. Propane cylinder (not included). No oily mess or mantles to break. Each light comes complete with head, post, cart and LPG hookup.

Part no.	Description
Portable Patio Lights	
PT300-6C	Gas light style
PT301-6C	Curled finger style
PT302-6C	Fin style
PT311-6C	Cone style
PT411-6C	Copper Cone style
Permanent Mount Patio Lights	
PT300-6PM	Gas light style
PT301-6PM	Curled finger style
PT302-6PM	Fin style
PT311-6PM	Cone style
PT411-6PM	Copper Cone style

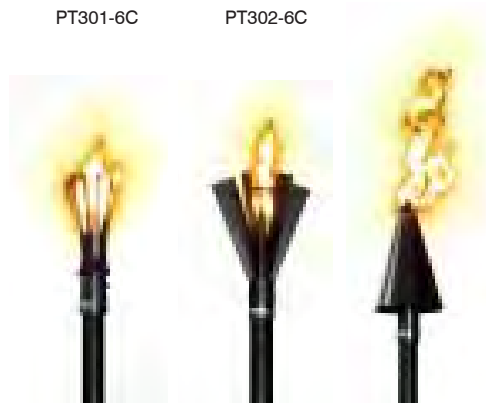
PT300-6C



PT301-6C

PT302-6C

PT311-6C



M1

Quick Disconnect Couplings

Gas Mate II quick disconnects are easy to install and easy to use. Perfect for outdoor cooking appliances. Just “plug-in” and “plug-out”. Adaptable to most applications. No threaded fittings, no special wrenches needed. Provides thermal and excess flow protection. Meets ANZI Z21.81/CSA 6.25

Male Plug

1/4-18 MNPT thread. Facilitates easy connection of regulator to tank valve.

Part no.	Description
5LPA11C	Flow limiter plug
5LPA8C	Straight through plug, camper/RV applications



Female Socket

Part no.	Description
5LPBV25F	Socket w/ball valve, for camper/RV applications
5SDC5LP	Dust cap



5LPBV25F



5SDC5LP

Female Socket Adapter

For conversion of existing 510 POL threaded cylinder valve connections. Has built-in breakaway nut.

Part no.	Description
5LP510BK	Bag kit w/adapter, warning tag, instructions
5SDC5LP	Dust cap



M2 Fill Plug

Adapts filling hose to quick disconnect cylinder valve for filling of propane cylinder.

Part no.	Description
5LPAFPC	Fill Plug



MB Sturgis Ball Valve Quick Disconnect

Used for connecting low pressure, low BTU outdoor cooking appliances via quick connect. Commonly used with BBQ Grills, RVs and Brooder Heaters.

Part no.	Description
104052	Ball Valve Quick Connect x 1/4" FNPT
401132	Male Plug x 1/4" MNPT
401137	Male Plug x 1/4" Barb



104052



401132

Camping Appliance Tees

Tee-For-Two

Connect to any refillable LP-Gas bulk cylinder to fuel two separate portable appliances.

Part no.	Description
G-413	POL x 1"-20 male x 1"-20 male
G-413P	POL Tee-for-Two in display pack



Extend-A-Flow Tee

Installs between tank valve and regulator. Allows attachment of additional high pressure camping appliance without disruption of normal service.

Part no.	Description
G-415	POL x female POL x 1"-20 male
535-00	Extend-a-Flow kit w/G-415 tee and 42421-144 hose
G-415P	Extend-a-Flow tee in display pack (shown at right w/out packaging)
538-00	Extend-a-Flow Plus kit w/Type 1 ACME pigtail connection. Includes 12' appliance hose



535-00



G-415P

Extend-A-Stay Tee

Installs between tank valve and regulator. Allows attachment of one high pressure camping and hook-up of auxiliary propane cylinder, without disruption of normal service.

Part no.	Description
536-00	Extend-a-Stay kit, with G-420 tee and 40401-60 standard pigtail
537-00	Deluxe Extend-a-Stay kit, with G-420 tee, 40401-60 standard pigtail and 42421-144' appliance hose
G-420P	Extend-a-Stay tee fitting in display pack (shown at right w/out packaging)
580-00	Quick Disconnect Deluxe Sturgi-Stay Kit Includes 578-00, 100794-72 & 100476-120



537-00



G-420

Camping Accessories

RV Quick Fill Assemblies

Allow easy filling of hard-to-reach LP-Gas tanks on RV's. For filling stations and RV owners.

Part no.	Description
RV-34	Quick fill assembly, 1 3/4" ACME male to POL male
RV-39	Quick fill assembly, 1 1/4" ACME male to Type 1 connection



RV-34

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Gas Lighters (Containing Gas)

Important: Due to DHS regulations, we are not able to ship Gas Lighters by common carrier (ie, UPS). These items must be picked up at a Teeco location or be shipped freight.

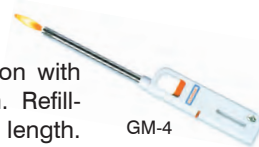
Olympian GM-3, GM-3X GasMatch

Continuous Piezo electric ignition. Will never blow out. Fully adjustable flame. Refillable with .15 oz. fuel capacity. Fuel viewing window. Uses one AA battery. Safety lock ignition switch. Hanger ring. Extended nozzle models available.



Olympian GM-4 GasMatch

Low-cost model. Piezo electric ignition with safety lock. Adjustable flame length. Refillable, with fuel monitoring window. 11" length.



Part no.	Description
GM-3	GasMatch, 4¾" pipe, 14¾" total length
GM-3X	GasMatch, 15" flexible nozzle extender
GM-3XE	GasMatch, 26" flexible nozzle extender
GM-4	GasMatch, 5¼" pipe, 11" length

Olympian GM-9 Gas Match

Low-cost refillable model. Two-for-One packaging. Piezo-electric ignition. Adjustable flame, safety lock & fuel viewing window. 11" length.

Part no.	Description
GM-9	GasMatch, 11" length package of two



Butane Refills

Part no.	Description
ML-3892F	Butane gas lighter fuel, 5.3 oz.



Important: Due to DHS regulations, we are not able to ship Gas Lighters or Butane Refills by common carrier (such as UPS). They must be picked up at a Teeco location or shipped freight.

Lighters (Without Fuel)

These lighters & igniters do not contain gas and do not incur additional charges when shipped, and may be shipped Fedex or UPS Ground.

Olympian GM-3, GM-3X GasMatch Without Fuel

Same features as the GM-3X, but does not contain fuel, and may be shipped Fedex Ground or UPS Ground.



Part no.	Description
GM-3X WITHOUT FUEL	GasMatch, 15" flexible nozzle extender, NO FUEL

Olympian GM-12 Spark Igniter

Continuous Piezo ignition spark igniter. Immediately ignites any gas appliance. Requires no butane fuel. Curved nozzle and illumination light. Uses 1 "C" battery. Flexible Nozzle versions available.



Part no.	Description
GM-12	Gas Match, 7" ignition pipe, 13" length
GM-12X	Gas Match, 20" ignition pipe, 26" length

GM55 & GM17 Gas Lighters
Contain no fuel - Able to ship via UPS



Part no.	Description
GM55	Gas Lighter, 5 1/2" flexible nozzle
GM17	Gas Lighter, 17" flexible nozzle



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M3

Regulator/Hose Assemblies

Complete with a 120,000 BTU regulator, a 5 or 10 foot LPG hose (1/4" MPT x 3/8" F. Fl.), and a choice of end fittings.

POL

Part no.	Regulator	Length
RHA-52	P3641A	5'
RHA-102		10'
RHA-350	108074	5'



POL Low Pressure

Part no.	Regulator	Length
RHA-52L	P3646A	5' Low pressure red hose
RHA-102L		10' Low pressure red hose

Type 1 (QCC)

Part no.	Regulator	Length
RHA-5Q	H3624E	5'
RHA-10Q		10'
RHA-5Q2	P3641A	5'
RHA-10Q2		10'



Regulator Accessories

Part no.	Description
240-36	Inlet fitting, 254-00 series, 1/4" inverted flare x 1/4" MPT



Low Pressure Single-Stage

Part no.	Description
P3641A	Low Pressure Single Stage Regulator, drip lip vent. For LP-Gas Vapor, 80,000 BTU/hr capacity
P3641AP	P3641A in display pack
P3646A	P3641A w/full flow hard-nosed POL
P3646AP	P3646A in display pack
H3624E	Regulator 90° w/QCC Type I connector & 3/8" male pipe x 3/8" male flare fitting
P3644A	Single Stage Regulator with 90° vent



P3646A



H3624E

Low Pressure Two-Stage

Part no.	Description
P3643A	2 Stage Regulator with 6:00 Vent. For LP-Gas Vapor, 200,000BTU/hr capacity
P3643AB	P3643A with Tee Check
P3643AC	P3643A with Excess Flow



P3643A

Low Pressure 2 Stage, Auto Changeover

The Gas-Flo Automatic Changeover Regulator redirects LP-Gas vapor flow from an empty designated service cylinder to a reserve cylinder, without interruption of service.

Features a green indicator dome which changes to red when the service cylinder needs to be refilled.



Part no.	Inlets (Back Check Included)	Outlet	Capacity (BTU/hr Propane)
GR-9984	1/4" F. Inv. Flare	3/8" FPT	345,000 BTU/hr
GR-900	Z Mounting Bracket		
GR-RVB	RV Style Mounting Bracket		

2 Stage Regulator for RVs

High flow rate and ability to maintain 9" W.C. pressure at extremely high flow rates ensure that all the appliances on the coach can easily function and run a standby generator without losing gas pressure.

The 2 Stage Regulator performs the same pressure reducing function as a single stage low pressure regulator, but in two stages. The 1st stage reduces cylinder pressure to 10 PSI and sends it to the 2nd stage where it is reduced to 11" W.C. Provides a very even, efficient flow of gas.



Part no.	Description
108220	Two-Stage Regulator (unpackaged)

High Pressure Single Stage

High Pressure Regulator. 1/4" inlet x 1/4" outlet.

Part no.	Description
108052	High pressure regulator, straight, 5 psi, 38,000 btu/hr
108030	High pressure regulator, straight, 10 psi, 125,000 btu/hr



Adjustable High Pressure

0-30 Adjustable Regulator used to control the gas pressure from a small propane cylinder when using small outdoor pressure cookers or turkey fryers.

Part no.	Description
108074	High pressure, single stage adjustable regulator, 325,000 btu/hr
108074-PKGT	108074 in display pack



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M4

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Rev 8/20

LPG Hose Assemblies

High Pressure



Working pressure 350 psi, 1750 psi burst rating.

Part no.	Hose I.D.	Old Series #	End Fittings	Length	
100182-24PKG	1/4"***	42410	3/8" MPT x 3/8" F. flare	2'	
100182-30PKG				2 1/2'	
100182-36PKG				3'	
100182-48PKG				4'	
100176-24PKG		42413	3/8" F. flare x 3/8" F. flare	2'	
100176-36PKG				3'	
100176-48PKG				4'	
100176-60PKG				5'	
100176-144PKG			12'		
100185-60PKG		42420	9/16"-18 LH x 9/16"-18 LH	5'	
100185-144PKG				12'	
100146-60PKG		42421	1"-20 M swivel x 1"-20 F swivel	5'	
100146-144PKG				12'	
100172-24PKG		3/8"***	42610	3/8" MPT x 3/8" F. flare	2'
100172-30PKG					30"
100172-36PKG					3'
100172-40PKG	40"				
100172-48PKG	4'				
100330-24PKG	42611		3/8" MPT x 1/2" F. flare	2'	
100330-30PKG				2 1/2'	
100330-36PKG				3'	
100330-48PKG				4'	
100083-24PKG	42614		3/8" F. flare x 1/2" FPT	2'	
100083-36PKG				3'	
100083-40PKG				40"	
100180-24PKG				2'	
100180-36PKG	42613		3/8" F. flare x 3/8" F. flare	3'	
100180-48PKG				4'	
100180-60PKG				5'	
100180-144PKG		12'			

** Thermoplastic hose assembly.

Low Pressure

Part no.	Hose Size I.D.	End Fittings	Length
300L-4	3/8"	3/8" SAE	4'
300L-6			6'
300L-10			10'
300L-15			15'

Thermoplastic Pigtails



Rated at 350 lbs. working pressure and a burst rating of 1750 psi. Meets all applicable U.L. and CGA requirements.

Part no.	Old Series #	End Fittings	Length
100799-12PKG	40410	Type1 (QCC) x 1/4" inverted flare - UL/CGA	12"
100799-15PKG			15"
100799-20PKG			20"
100799-24PKG			24"
100799-30PKG			30"
100799-36PKG			36"
100799-48PKG			48"
100799-60PKG			60"
100457-15PKG	40411	Type 1 (QCC) x 1/4" MPT - UL/ CGA	15"
100457-20PKG			20"
100199-12PKG	40401	Excess flow POL soft nose x 1/4" Inverted flare	12'
100199-15PKG			15'
100199-18PKG			18'
100199-20PKG			20'
100199-24PKG			24'
100199-30PKG			30'
100199-36PKG			36'
100199-40PKG			40'
100199-48PKG			48'
100199-52PKG			52'
100199-60PKG	60'		
100200-15PKG	40403	POL x 1/4" inverted flare - UL/CGA	15"
100200-20PKG			20"
100200-24PKG			24"
100200-30PKG			30"
100200-36PKG			36"
100200-48PKG			48"
100200-60PKG			60"
100200-72PKG			72"
100113-36PKG	40407	Soft nose hand- wheel POL x 1"-20 male	36"
100113-48PKG			48"
100113-60PKG			60"
100113-72PKG			72"
100113-144PKG		144"	
BP-3114	-	Soft nose POL x 1/4" inverted flare	24"
BP-3115			30"
BP-3116			36"

M5

Inverted Flare Plugs

Part no.	Description	Size
G-2134	Plug (Steel)	3/16"
G-2133		1/4"
G-2132		5/16"
G-2131		3/8"



Hose Connection Fittings

Disposable Cylinder Adapters

Part no.	Description
G-488	Female 1"-20 x 1/4" MPT
G-488P	G-488 in display pack



Part no.	Description
G-487	Reserve Cylinder Adapter 1-20 Female Cylinder x Female POL



Part no.	Description
G-417	Male 1"-20 x 1/4" MPT w/ check valve and "O"-ring
G-496	Male 1"-20 swivel x 1/4" hose barb



Brass Hose Fittings

Part no.	Description
G-212	Outlet bushing, 9/16"-18 LH x 1/4" MPT



G-212

POL Fittings

Part no.	Description
G-1643	Standard 7/8" hex POL nut
G-415-2	Female POL x 1/4" MPT
G-1699	POL cap
G-1691	Brass POL plug



G-1643



G-415-2



G-1699



G-1691

Hose End Conversion Fitting

Helps control pigtail inventory.

Part no.	Description
240-36	1/4" F. Flare x 1/4" MPT



Hose End Fittings

"Retro-Q" Adapter

Converts POL service valve to QCC (Type 1) outlet.

Part no.	Description
G-1899P	Male POL x 1 15/16" ACME (QCC)



Hose End Fittings

QCC1 / Type 1 Propane Adapter

Part no.	Description
204129	Adapter QCC Type 1 x 1/4" MPT



Steak Saver / Last Chance Propane Adapter

Easily switch from a 20# cylinder to a 1# cylinder

Part no.	Description
204132	Adapter Male Type 1 X Female #600



QCC (Type 1) End Fitting

Part no.	Description
G-1855-A02	1 15/16" ACME (QCC) x 1/4" MPT Black nut, 70,000 BTU/hr.
G-1855-A03	1 15/16" ACME (QCC) x 1/4" MPT. Green nut, 200,000 BTU/hr.
G-1855-B03	1/4" Hose Barb. Green nut
G-204077	1 15/16" ACME (QCC) x 1/4" MPT. Red nut, 500,000 BTU/hr.



G-1855-A02

7/8" POL End Fittings

Part no.	POL Type	End Fitting
970	Full flow	1/4" MPT
970P*		
G-1690	Excess flow	1/4" MPT
G-1690P*		
G-1641	Excess flow, soft nose	1/4" MPT



970

* In display pack. ** With screen.

Handwheel Soft Nose POL End Fittings

Part no.	POL Type	End Fitting
G-1653	Excess flow	1/4" MPT
G-1653A**		
G-1654	Full flow	
G-1654A**		
G-1654P*	Excess flow	1/4" hose barb
G-1655	Full flow	
G-1656		
G-1656A**	Excess flow	



G-1654A w/Brass
Handwheel



G-1656
(not excess flow)

* In display pack **w/brass handwheel

POL Parts

Part no.	Description
G-1675-1	Standard nipple, full flow, w/wrench flats, 1/4" MPT
G-1648-1	Short nipple, full flow, w/ hex flats on nose, 1/4" MPT
G-1653-3	"O"-ring for soft nose POL



G-1653

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Rev 8/20

Steel DOT Cylinders

Steel DOT cylinders, manufactured in accordance with DOT specifications 4BA, 4BW, 4E. Pneumatic tested. Powder coat finish.

4.25 Lb. DOT Cylinders - Worthington

Part no.	Description
281149	With OPD & Type 1 connection*
* Boxed cylinder also available.	



11 Lb. DOT Cylinders - Worthington

Part no.	Description
281166	11 Lb. With OPD & Type 1 connection*
* Boxed cylinder also available.	



20 Lb. DOT Cylinders

Part no.	Description
Worthington	
281247	Vertical w/OPD & Type 1 connection
296996	Horizontal, w/OPD & Type 1 connection



30 Lb. DOT Cylinders

Part no.	Description
Worthington	
281278	Vertical w/OPD & Type 1 connection
Manchester	
1166TC.2	Vertical w/OPD, Type 1 connection and gauge
1175TC	Horizontal w/OPD, Type 1 connection and gauge



40 Lb. DOT Cylinders

Part no.	Description
Worthington	
294235	Vertical w/OPD & Type 1 connection
Manchester	
1222TC.2	40 lb. vertical w/OPD, Type 1 connection and gauge



43.5 Lb. DOT Cylinders - Worthington

Part no.	Description
294240	43 lb. w/POL connection



60 Lb. DOT Cylinders - Worthington

Part no.	Description
282449	W/collar, POL connection, outage
1433	Screw cap



100, 200 & 420 Lb. Cylinders - Worthington

Part no.	Description
282157	100# W/collar, POL connection, outage
282170	100# W/collar, multivalve
1433	Screw cap for 100#
282209	200# DOT, w/multivalve connection
294590	200# ASME w/service valve, relief, fill valve, gauge
296214	420# DOT, w/POL connection, outage, fill, relief, gauge
282371	420# ASME, Service Valve w/POL connection, outage, 3/4" fill, relief, gauge
282377	420# ASME, Service Valve w/POL connection, outage, 1 1/4" fill, relief, gauge
327581	420# ASME, 1 1/4" bottom liquid opening w extended foot ring, 1 1/4" fill
8981-04004B	ASME gauge for 420#
296488	Float gauge assembly for 420# cylinder, top mount



Compact Cylinder Valves with OPD

Compact Cylinder Valves with Overfill Prevention Device

Rochester OPD Valve with Gauge

Part no.	Description
OPD-20-GAUGE	OPD w/Gauge for 20# Cylinder
OPD-30-GAUGE	OPD w/Gauge for 30# Cylinder
OPD-DIAL	C-Level Dial only



OPD Valve (without dial)

Part no.	Dip Tube Length	Use with DOT Cylinder up to
OPD425	3.1"	4.25 lbs.
OPD20	4.0"	20 lbs.
OPD30	4.7"	30 lbs.
OPD40	6.4"	40 lbs.



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N1

Rev 8/20

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

N1

Quality Steel Tanks

Teeco Products is a representative for Quality Steel. We have Quality Steel tanks on consignment, ready for pickup at our Sacramento, CA; Irvine, CA and Auburn, WA locations - or for delivery to your location. Truckloads of tanks can also be delivered directly to you. Call us for your next load of tanks!

ASME Domestic Tanks

Aboveground LPG tanks conform to the latest edition and addenda of the ASME Code for Pressure Vessels, Section VIII Division I. Complies with NFPA 58 and is listed by Underwriters Laboratories, Inc. All tanks are pre-purged and ready to be filled.

Rated at 250 psig from -20° F. to 125° F. All tanks may be evacuated to 23" of vacuum.

Q-Kote™ high performance Epoxy primer / Urethane topcoat system maximizes corrosion resistance while providing ultra high durability for resistance to outdoor weathering.



Part no.	Description
120AG	120 gallon domestic tank
250AG	250 gallon domestic tank
320AG	320 gallon domestic tank
500AG	500 gallon domestic tank
1000AG	1,000 gallon domestic tank

ASME Underground Tanks

Underground LPG tanks conform to the latest edition and addenda of the ASME Code for Pressure Vessels, Section VIII Division I. Complies with NFPA 58. All tanks are pre-purged and ready to be filled. Rated at 250 psig from -20° F. to 125° F. All tanks may be evacuated to 23" of vacuum. Q-Thane™, a ready-to-bury* underground coating, is a high build, high performance epoxy primer with a polyurethane topcoat; uniquely formulated to maximize corrosion resistance and coating performance in underground applications. Liquid withdrawal opening located under the dome on all UG vessels.

Part no.	Description
250UG	250 gallon underground domestic tank
320UG	320 gallon underground domestic tank
500UG	500 gallon underground domestic tank
1000UG	1,000 gallon underground domestic tank



N2

*Q-Thane™ is designed to offer optimum performance in underground conditions when buried with the coating skin 100% intact and with cathodic protection installed.

Quality Steel Vertical Tanks

Smaller footprint than horizontal tanks. Ideal for installations where space is an issue, or for added exposure. May be purchased separately or included as part of a load of tanks.

Quality Steel Vertical Tanks can also be hooked up to your choice of Dispenser Package.

Part no.	Description
01059192SF	500 Gallon Vertical Tank
01109092SF	1,000 Gallon Vertical Tank



WESROC Tank Monitoring System

WESROC offers propane and fuel tank remote monitors over cellular networks and global satellite networks with simple setup, accurate readings, timely reports, simple online setup and web and mobile availability of readings.

WESROC also offers monitoring for Cylinder Cabinets.

WESROC
MONITORING SYSTEMS



Series no.	Description
MT-9103CTM-AG5	Cellular Tank Monitor Straight Sensor 5 ft Cable
MT-9103CTM-UG5	Cellular Tank Monitor Right Angle Sensor 5 ft Cable
MT-9103CTM-UG10	Cellular Tank Monitor Underground 10 ft Cable
MT-9103CTM-LD5	Cellular Tank Monitor Large Dial 5 ft cable w/Female Connector
MT-9102CTMV-UG5	Residential Cellular Tank Monitor Right Angle Sensor AG/UG 5 ft Cable (weekly report)

Forklift Tanks - Worthington

Worthington Forklift Cylinders

Includes universal float gauge, liquid service valve, safety relief valve, fixed liquid level, plugged vapor and liquid fill ports.



Steel

Part no.	Description
281976	20 lb. steel forklift cylinder
282070	33½ lb. steel forklift cylinder
282092	43½ lb. steel forklift cylinder



Aluminum

Part no.	Description
300112	33½ lb. aluminum forklift cylinder
297303	43½ lb. aluminum forklift cylinder

N3

Buffer Tanks

Includes universal float gauge, vapor service valve, safety relief valve, fixed liquid level, plugged vapor and liquid fill ports.

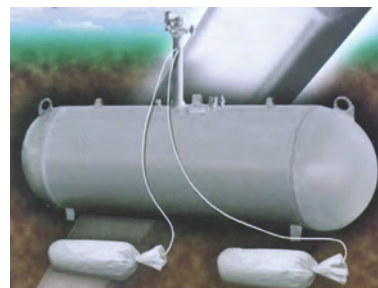
Part no.	Description
297374	20 lb Aluminum Buffer Tank w/OPD
301372	20 lb Steel Buffer Tank w/OPD



Cathodic Protection for Underground Tanks - Anode Bags

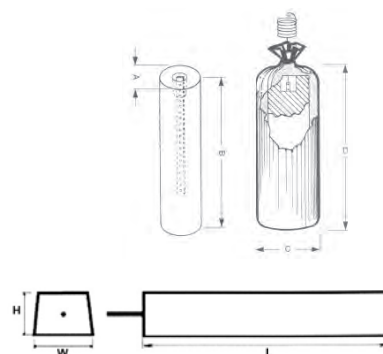
Two commonly applied protection methods can be used; external coating and cathodic protection. These two methods are complementary, and should be used together. While an effective external coating can insulate more than 99% of the steel surface from the soil environment, no coating is perfect. Damage from construction or soil stresses creates tiny defects which can result in accelerated corrosion at the defect.

Cathodic protection prevents corrosion at the defects by applying DC current from an external source, such as a magnesium anode. This forces the tank to become a cathode, and corrosion of the tank is prevented. Application of sufficient DC current to the tank will prevent any corrosion from occurring. Due to its low current requirements, the preferred cathodic protection for an LP-Gas tank is a sacrificial anode system, generally consisting of a magnesium rod(s) attached to the tank with a copper wire and buried near the tank. This results in current flow from the anode to the tank and the resulting cathodic protection effectively stops the corrosive process from taking place.



Standard Application							
Part no.	Description	Anode Size / Bare Weight	Packaged Weight	Dimensions - Bare Anode		Dimensions - Packaged Anode	
				A	B	C	D
17-AB	Magnesium Anode Bag 17 lb. H1 w/ wire	17 lbs.	45 lbs.	4"	18 3/4"	6 1/2"	24"

Coastal Application						
Part no.	Description	Anode Size/ Bare Weight	Width	Height	Length	Packaged weight
18-ZAB	Zinc Anode Bag S-18 18 lb w/10' #12 TW wire	18 lbs.	1.4"	1.4"	36"	70 lbs.



Anode Bags

Anodes packaged in quality cotton bags using only top-quality magnesium. Made with TW insulated wire, designed for direct burial applications. Anode wire is wound into a tight double tapered coil for simplified installation. Anode backfill is comprised of grade A components that are domestically sourced. Anode wire is brazed to the anode using silver solder, providing the strongest method available for attaching an anode wire, and wire connection is sealed using top quality epoxy. Packaged weight of about 45 pounds.

Part no.	Description
LP17	17 lb Magnesium Anode Bag



N4

Cathodic Protection Testing Equipment and Electrodes

CPV-4 Digital Voltmeter

Measures DC structure-to-earth potentials of various buried or submerged metallic objects. Powered by an ordinary 9-volt battery, the Model CPV-4 gives an immediate reading in large 1/2 inch liquid crystal display numerals. The large scale integrated circuit has a built-in filter to reject AC interference. Digital readout eliminates interpolation of voltages. Small, lightweight. Die-cast metal case.

Part no.	Description
CPV-4	Voltmeter, complete with halfcell - Digital meter. Includes carrying case, a Copper-copper sulfate half cell electrode (model 6B) and two heavy-duty 6' coiled cables with clamps
2A	Copper-copper sulfate half cell electrode - Pocket size
6B	Copper-copper sulfate half cell electrode - Pointed tip
8A	Copper-copper sulfate half cell electrode - Flat tip
049-011	Crystals
50070	Replacement Ceramic Tip for 6B - Pointed tip
50060	Replacement Ceramic Tip for 8A - Flat tip



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

N4

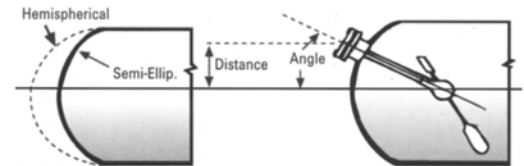
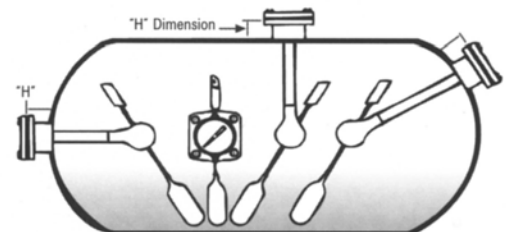
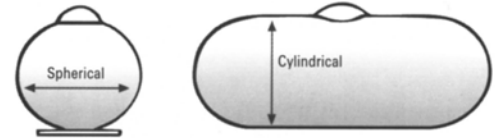
Rev 8/20

How to Order Rochester Gauges

ASME Tanks

ASME horizontal cylindrical tanks for above-ground service.

- Determine gauge head size and material. The following choices are available:
 - Junior aluminum bolted head, 2 1/32" bolt circle.
 - Junior brass bolted head, 2 1/32" bolt circle.
 - Senior aluminum bolted head, 2 1/2" bolt circle.
 - Senior brass bolted head, 2 1/2" bolt circle.
 - 1 1/4" NPTF threaded Junior zinc head
 - 1 1/4" NPTF threaded Junior brass head
 - 1" NPTF threaded Junior zinc head
 - 1" NPTF threaded Junior brass head
- Specify tank diameter (on the tank nameplate, or measure the circumference of the tank, from which the diameter can be calculated).
- Specify gauge mounting location:
 - Top
 - End or side at centerline
 - Angle
- If on the tank end, state head shape (hemispherical or semi-ellipsoidal)
- If the gauge is angle mounted:
 - Specify the degree of the angle from the horizontal centerline, or:
 - Specify the distance in inches from the horizontal centerline vertically to the center of the gauge opening.
- Specify the "H" dimension (riser height). This is the distance in inches from the top of the coupling or flange to the outside surface of the tank.



Replacement Gauges

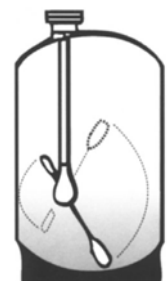
Ordering duplicate or replacement gauges may be simplified by referring to the numbering code on the side of the gauge head. Example:

Model Number	Support Length	Tank Diameter	Mfg. Date
6284	6	24	D97



Vertical Cylinder Gauges

- Determine gauge head size and material.
- Specify tank diameter, or measure the circumference of the cylinder.
- Specify the height of the cylinder (not including foot ring).
- Specify the distance from the center of the gauge opening to the outside wall of the cylinder.
- Specify the "H" dimension, the measurement from the highest point of the cylinder head to the top of the coupling or flange.
- Specify tank capacity (200 lb., 300 lb., 420 lb.)
- Furnish the name of the cylinder manufacturer.



N5

Applications

Series	Style	Domestic Tanks	Autogas Tanks	Lift Truck Cylinders	Bulk Storage Tanks	Transport & Bobtail Tanks	RV Tanks
6200 Series	Bolted						
7200 Series	Threaded						
7300 Series							
8900 Series							
6300 Series Magnetel	Welded Adapter						

Rochester Threaded Gauges

7300 Series 3/4" Magnetic Liquid Level Gauge

For use in DOT lift truck cylinders or domestic ASME tanks.
 Head: Die-cast zinc (7300) or forged brass (B7300); Junior 3/4" male NPTF, 2" hex wrench flats. 13/8" hex wrench flats on thermoplastic gauge. Everseal thread coating available.
 Dial: Junior snap-on or screw-on (horizontal, vertical, universal). Float: Aluminum one-piece, nitrile rubber on new 7384 thermoplastic polymer gauge.

DOT Forklift Cylinders			
Part no.	Size (Lbs.)	Style	Diameter
7384-01028	20, 33½, 43½	Horizontal	12"
7384-01010	60, 100	Horizontal	14½"
7381-01003	14	Vertical	9"
7381-01002	20	Vertical	12"
7384-01005	20	Universal	12"
7384-01006	33½	Universal	12"
7384-01007	43½	Universal	12"
ASME Rotary Gauge Replacement			
Part no.	Mount	Style	Diameter
7384-01030	End C/L	Horizontal	15"
7384-01034	End C/L	Horizontal	24"
7384-01035	End C/L	Horizontal	30"
7384-01031	End C/L	Horizontal	36"
7384-01032	End C/L	Horizontal	41"
7384-01036	End C/L	Spherical	48"



7200/B7200 Series 1/4" Magnetic Liquid Level Gauge



Direct-reading gauges for top, side or angle mounting on domestic tanks.
 Head: Die-cast zinc(7200) or forged brass (B7200); 1/4" male NPTF threads and 2" hex wrench flats. Everseal thread coating available.
 Dial: Standard direct-read percentage #5323S01749; TwinSite transmitter also available.
 Float: Aluminum, one-piece.

Part no.	Head	Mount	Dial
7281	Zinc	Top	Direct-read
B7281	Brass	Top	Direct-read
7284	Zinc	Side, end, angle	Direct-read
B7284	Brass	Side, end, angle	Direct-read
7241	Zinc	Top	Direct-read or TwinSite
7244	Zinc	Side, end, angle	Direct-read or TwinSite

DOT Forklift Cylinders			
Part no.	Size (Lbs.)	Style	Diameter
7284-00024B	20, 33½, 43½	Horizontal	12"
7281-00045B	20	Vertical	12"
7281-00049B	43½	Vertical	12"
7284-120	20	Universal	12"
7284-00034B	33½	Universal	12"
7284-00035B	43½	Universal	12"

8900/B8900 Series 1" Magnetic Liquid Level Gauge

Measures LP-Gas levels in domestic tanks, ASME Autogas tanks with 1" couplings and ASME RV tanks. These gauges can be top, side or angle mounted.
 Head: Die-cast zinc (8900) or forged brass (B8900); 1" NPTF Junior, 2" or 13/8" hex wrench flats. Everseal thread coating available.
 Dial: Available with choice of dial types; standard 5% to 95% direct-read dial #5323S01749, direct-read 5323S01789 screw-on or direct-read #5364S01951 snap-on. TwinSite transmitter also available.
 Float: Aluminum, one piece.

NOTE: All ASME Autogas tank gauges are considered as a "special order" item. Please specify mounting (top, c/l, upper-45, lower-45) and whether standard or Twin-Site sender/dial.

Part no.	Head	Mount	Dial
8981	Zinc	Top	Direct-read
B8981	Brass	Top	Direct-read
8944*	Zinc	Side, end, angle	Direct-read or TwinSite
B8944*	Brass	Side, end, angle	Direct-read or TwinSite
8941	Zinc	Top	TwinSite



N6

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Rochester Bolted Gauges



6200 Series Magnetic Liquid Level Gauge

Designed for use in domestic tanks, Autogas tanks, lift truck cylinders and RV tanks. Easily mounts in all ASME tanks with Junior or Senior adapters. Can be top, side or angle mounted for above ground or below ground tanks Head: Aluminum or forged brass Junior 4-bolt; aluminum sensor 4-bolt.

Dial: Standard direct-read dial #5323S01749. 4" dial or *TwinSite* transmitter also available. Gasket: Buna-N. Float: Aluminum, one-piece.

Part no.	Head	Mount	Dial
6281	Junior	Top	Direct-read
6284	Junior	Side, end, angle	Direct-read
6241	Junior	Top	TwinSite
6244	Junior	Side, end, angle	TwinSite
B6244	Junior (Brass)	Side, end, angle	TwinSite
6280	Senior	Top	Direct-read
6283	Senior	Side, end, angle	Direct-read
6240	Senior	Top	TwinSite
6243	Senior	Side, end, angle	TwinSite
6290	Senior	Top	4"
6293	Senior	Side, end, angle	4"



DOT Forklift Cylinders			
Part no.	Size (Lbs.)	Style	Diameter
6284-00024	20, 33½, 43½	Horizontal	12"
6284-00045	60, 100	Horizontal	14½"
6281-00045	20	Vertical	12"
6281-00048	33½	Vertical	12"
6281-00050	60	Vertical	14½"
6281-00047	100	Vertical	14½"
6284-00032	14	Universal	9"
6284-00033	20	Universal	12"
6284-00034	33½	Universal	12"
6284-00035	43½	Universal	12"
ASME Forklift Tanks			
Part no.	Size (Gallons)	Diameter	
6281-5 1/2-10	10	12"	

TwinSite

TwinSite Remote Monitoring

TwinSite EZ-Read senders, with high-tech, polycarbonated dial chambers, are directly attached to the head of Junior or Senior liquid-level gauges.

The transmitters not only give a direct reading, but also send an electrical signal to remote receivers. Unobstructed direct-reading view, with improved accuracy and reliability. May only be used with intrinsically safe circuits.



Part no.	Description
5628S02537P	Junior sender, 0-90 ohms, Advanced Matrix film
5630S02851P	Junior sender, 70-10 ohm
5644S02545P	Junior sender, 0-30 ohm

Domestic Tank Monitoring System

Part no.	Description
5-1925	TwinSite switch, Junior, 30% Low, E-F fractional

R3T Wireless Transmitter

For Transports and Bobtails

The Rochester R3T Wireless Transmitter provides on-demand digital display of tank levels to hand-held devices. Compatible with Rochester RoughRider® Magnetel® & Taylor RoadMaster (built after 2003) 4" R3D® Dials.

The Rochester R3T App displays current tank levelson all Rochester R3T enabled gauges within RF range of handheld device [typically less than 100m (300 ft.)].



- Powered by 3.3V Lithium Battery (Operational Life of approximately 7 years)
- Includes 6 ft. of module wire for connection to R3D® Dial
- Easy set up and installation
- User friendly app
- NEMA 4 rated enclosure
- Bluetooth transceiver output power: +4 dBm
- Typical RF Range < 100m (300 ft.)
- FCC, CE Approved • Operating Temperature: -40°F to 176°F (-40°C to 80°C)

Part no.	Description
6316-00001	R3T Wireless Transmitter w/ 6 ft. of module wire (shipped loose)
5APKS03045	4" Magnetel R3D® fluorescent LP/ NH3 dial 5-95% dial graduations
0023S00031	Illuminated MR module cover for 4" R3D® fluorescent dials

Rochester Magnetel Gauges

6300 Series Magnetel Liquid Level Gauge

Liquid level gauges accurately determine the percentage of tank volume for most liquids in stationary bulk storage applications.

Head: Stainless steel. Dial: Standard direct-read 4" and 8".

Gasket: Spiral-wound, Teflon filled, stainless steel. Float: Stainless steel.

Part no.	Description
**6336-†	4", top mounting
**6339-†	4", side, end or angle mounting
**6360-†	8", top mounting
**6342-†	8", side, end or angle mounting

** Specify prefix; Dia: P - propane, 5-95%, A - NH₃, 5-95%, C - combination LPG/NH₃ Mounting: X - Straddle, Y - 2" opening, M - Special mobile, V - Vertical† Specify Mounting Flange Trim: -8 Aluminum, -11 stainless steel (-11 should be used on containers of 3500 WG).



M6300 Series Magnetel

Rough Rider Liquid Level Gauge

Designed to stand the vibration and shock inherent in tank in transport and bobtail mobile service.

Head: Stainless steel.

Dial: Standard direct-read 4" & 8".

Gasket: Spiral-wound, teflon-filled, stainless steel.

Float: Stainless steel.

Part no.	Description
CM6339-11-**	4" dial, mobile LPG tanks up to 90" in diameter
** Specify tank diameter	



Magnetel Mounting Flange

Tank mounting flanges are not included with Magnetel gauges and should be ordered separately. Note: Flanges welded to tank with top and bottom bolt holes on the vertical centerline are standard with Rochester gauges.

When the flange is attached so that the bolt holes span the centerline (see drawing) add the prefix "X" to the Magnetel gauge model number.

Example: X6342-8

Part no.	Description
22-29	2-1/2" NPT threaded neck flange
22-30	Forged steel welded flange
22-500	3" weld neck

Stud bolts (56-404) and nuts (44-403) are furnished with each Magnetel gauge. Cap screws (40-9) can be furnished on request.

Magnetel Weather Guard

Part no.	Description
23S-1	Weather cover, 8"
23S-2	Weather guard, 4"
23S-8	Weather guard, 8"



Magnetel Parts

Part no.	Description
5016S00477	Dial, 4", 3% - 97%, all liquids
5016S00478	Dial, 4", 3-97%, LPG
5137S03047	Dial, 4" Magnetel, 5-95%
5015S00481	Dial, 8", 3-97%
15-11	Gasket, mounting flange, Buna-N
15-451	Gasket, under 4" crystal
0093-00403	Mounting bracket, for 8" dial chamber

Magnetel Ordering Information

- Liquid product and specific gravity.
- Type vessel, inside diameter (in inches) and head type (ellipsoidal, semi elliptical, hemispherical).
- Prefix.
- Part no. for mounting location (top, side, 8" or 4" dial).
- Trim number.
- Bolt hole location of mounting flange (centerline or straddle).
- If other than standard percent of total volume dial is required.
- Top-mounted gauges require dimension from mounting flange face to tank shell plus shell thickness.
- Angle-mounted gauges require tank drawings for computing proper gauge dimensions.

N8

Dials

Rochester Gauges Junior & Senior ASME/DOT Gauge Replacement Dials



5986S02799

5986S02772

5844S01749

5909S02733

5909S02799

5909S02772

5AAAS02733

5AAAS02772

5364S01951

	Gauge Construction	Gauge Series*	Dial #
Senior 4-Bolt	Above Ground	6280	5986S02733
	Below Ground	6280	5986S02799
	Vertical Cylinder	6280	5986S02772
	Above Ground	6283	5986S02733
	Above Ground	6283	5986S02772
	Above Ground	6283	5986S02772
	Above Ground	6283	5844S01749
Junior 4-Bolt	Above Ground	6281	5909S02733
	Below Ground	6281	5909S02799
	Vertical Cylinder	6281	5909S02772
	Above Ground	6284	5909S02733
	Above Ground	6284	5909S02733
Junior 1 1/4" NPT	Above Ground	7281	5909S02733
	Above Ground	7284	5909S02733
	Above Ground	7284	5909S02733
Junior 1" NPT	Above Ground	8981	5909S02733
	Vertical Cylinder	8981	5909S02772
Junior 1" NPT Snap On	Above Ground Snap-On	8981	5AAAS02733
	Vertical Cylinder Snap-On	8981	5AAAS02772
	Above Ground or Vertical Cylinder Snap-On	8981	5364S01951

Note: Gauge Series can be found stamped on the side of the gauge head. See next page for additional Dials.

Direct Read Forklift Dials

Part no.	Description	Reading
5323S01789	Dial, Junior, horizontal	Fractional
5323S02323	Dial, Junior, 20 lb. vertical	Fractional
5343S01791	Dial, Junior, 33½ lb. universal	Fractional
5343S01992	Dial, Junior, 33½ lb. universal	Fractional
5343S01993	Dial, Junior, 43½ lb. universal	%
5323S02558	Dial, Junior snap-on, 20 lb. vertical	%
5-2445-BOLT	Dial, Junior bolt-on, 20 & 33½ lb. universal	Fractional
5-2445-SNAP-ON	Dial, Junior snap-on, 20 & 33½ lb. universal	Fractional
5323S02320	Dial, Junior snap-on, 43½, 60, 100 lb. horizontal	Fractional

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Rev 8/20

Dials

Magnetel Replacement Dials - Direct Read



Part no.	Size	Liquid	Range
5015S00480	8" Dial Chamber	Any Liquid - 3% to 97%	3% to 97%
5015S01403	8" Dial Chamber	Combo for LPG & NH3 - 3% to 97%	3% to 97%
5ARYS03066	8" FLUORESCENT Dial Chamber	Combo for LPG & NH3 - 3% to 97%	3% to 97%
5016S00445	4" Dial Chamber	Any Liquid - Rough Rider	5% to 95%
5137S01262	4" Dial Chamber	Combo for LPG & NH3 - Rough Rider	5% to 95%
5ARXS03045	4" FLUORESCENT Dial Chamber	Combo for LPG & NH3 - Rough Rider	5% to 95%

Magnetel Replacement Dials - R3D Ready



Part no.	Size	Liquid	Range
5AACS02783	Magnetel R3D Ready 8" Dial Chamber less TS Sender & Wire	Combo for LPG & NH3	3% to 97%
5ANGS03044	Magnetel R3D Ready 8" Dial Chamber less MR Module & Wire	Combo for LPG & NH3	3% to 97%
5ANTS03047	Magnetel R3D Ready 4" Dial Chamber less MR Module & Wire	Combo for LPG & NH3	5% to 95%
5APKS03045	Magnetel R3D Ready 4" FLUORESCENT Dial Chamber less MR Module & Wire	Combo for LPG & NH3	5% to 95%

Illuminated MR Module Cover

Optional Illuminated MR module cover available for retrofit on existing 4" Magnetel® RoughRider® R3D® Silver/Black or Fluorescent Dials. The illuminated MR module cover provides a clear and bright view of the dial in dark conditions.

Part no.	Description
0023S00031	Illuminated MR module cover for 4" R3D® fluorescent dials
5APKS03045	4" Magnetel R3D® fluorescent LP/NH3 dial 5-95% dial graduations
0023S00033	Illuminated MR module cover for 4" R3D® silver background dials
5ANTS03047	4" Magnetel R3D® silver/black LP/NH3 dial 5-95% dial graduations
M6300 Series	Magnetel RoughRider Gauge(See Data Sheet M6300 for ordering information)



0023S00031
Module Cover
on 5APKS03045
Fluorescent Dial



0023S00033
Module Cover
on 5ANTS03047
Silver/Black Dial

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

N10

Rev 8/20

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Dials

Magnetel E-Dial
The First All Digital Electronic Dial for Liquid Level Gauging on Bobtails and Transports



Automatic Temperature Compensated Volumetric Level reading of tank contents (Optionally can display non compensated level)

Temperature readings of tank contents

Displays Specific Gravity of tank contents

Two Independent Level Alarms (Programmable by user)

4-20mA analog output for interfacing to third party controls

Wireless setup and remote read capability

(Optional) Field Calibration of Zero and Span to eliminate installation errors

Temperature, liquid level and other parameters are available via wireless low energy BLE communication. An optional Rochester wireless Temperature Sensor (sold separately) can be paired for continuous automatic temperature compensation of liquid levels. User can set up the unit by downloading the E-dial app (available for IOS and Android)

General Information & Features

Retrofittable* on existing Rochester Magnetel and Taylor RoadMaster Gauges

15 ft. of cable with flying leads for: Power/Ground, Signal Output, 2 Alarm Outputs, Calibration Input

Dial Accuracy: +/- 1%

LCD Dial Display

Supply Voltage: 9 – 32 VDC

Supply Current; 250mA Max

Analog Output: 4-20 mA (+/- 1%)

Resolution: 0.1%

* NOTE: Use with third party tank gauges is not recommended, may result in issues with accuracy and stability.



Part no.	Description
6317-00001	Magnetel® E-Dial w/ 15 ft. of module wire

N11

Parts



Universal Dial Kits by Rochester

For old, obsolete Junior or Senior gauges. Fits any LPG float gauge ever built.



31-80



31-81

Part no.	Description
31-80	Dial kit, Senior
31-81	Dial kit, Junior

R3D Misc Dials

Part no.	Description
5988S02788	Dial, Taylor Type B R3D with dust cap

Miscellaneous Rochester Parts

Part no.	Description
40-21	Dial screw, Junior or Senior
40-413	Dial screw, 4" gauge and flow indicator
40-414	Gauge head screw, Junior
40-415	Gauge head screw, Senior
15-4	Gauge gasket, Buna N, Senior
15-7	Gauge gasket, Buna N, Junior
15-21	O-ring, Buna N, Junior
15-22	O-ring, Buna N, Senior
39-2	Aluminum bezel Ring, 4" gauge and flow indicator
93-02	Bracket, Senior w/4" dial
9750-00005	Switch, NC to open at 15% - 25%
9750-00007	Switch, NC to open at 25% - 35%

Other Misc Dials



130022



130023

Part no.	Description
130022	Dial 2701 R3D Above ground, 5-94% (2002 and prior)
130023	Dial 2701 R3D Above ground, E-90% (2003 and later)

Accessories

Flow Indicator

Indicates direction of flow of compatible liquids in pipelines at working pressures up to 500 psig. Must be installed in pipeline tees. Direct read dial. Made of forged steel and 300 series stainless steel. Will fit various pipe sizes.



Part no.	Description
6286-00325	Flow indicator with 3 1/4" vane, 4" dial and 2" MPT adapter
6286-00475	Flow indicator with 4 3/4" vane, 4" dial and 2" MPT adapter
6286-00525	Flow indicator with 5 1/4" vane, 4" dial and 2" MPT adapter
6286-00550	Flow indicator with 5 1/2" vane, 4" dial and 2" MPT adapter

Bimetallic Thermometers

Commonly used on storage tanks, bobtails and transports. Made of 304 stainless steel. For use only with thermowells. -90°F to 130°F. 1/2" MNPTF.



Part no.	Description
1750-4	4" stem length
1750-6	6" stem length
1750-9	9" stem length
1750-12	12" stem length

Tank Car Thermometer

Range -30° to +120°. Thermometer and case are available separately or combined.



Part no.	Description
610	Tank car thermometer and armor case
610-11	Thermometer only

Tools

Float Gauge Drill Guide

The Float Gauge Drill Guide is a precision tool, designed to accurately guide a drill bit through the center of a broken float gauge screw.



Part no.	Description
JR-DG	Junior Drill Guide
SR-DG	Senior Drill Guide

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

N12

Rev 8/20

Sacramento, CA
(800) 225-6621

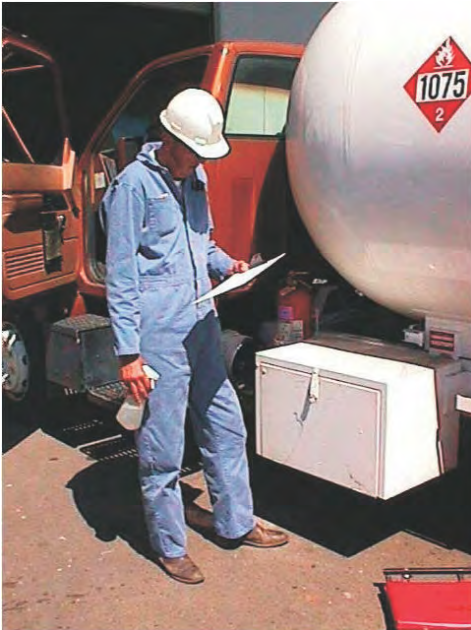
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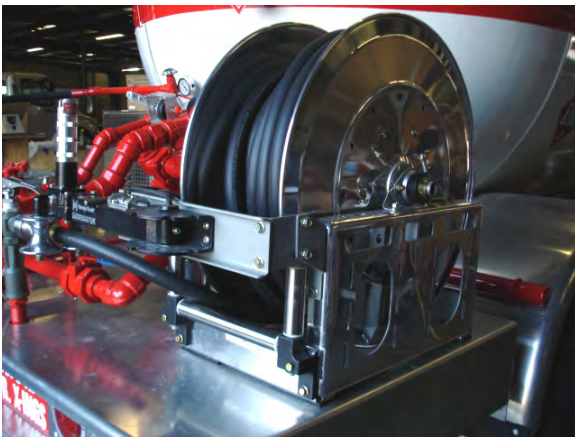
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- Hydro Testing
- Visual Inspection
- Leak Testing
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- Piping, Pumping and Metering Systems
- Hose Reels
- Hose Assemblies
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- Remote Shutoff Systems



01

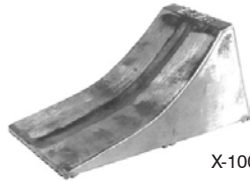
Vehicle Safety Equipment

Chock Blocks

Safety wheel chocks. Easy to handle. Double grip safety design. Meets all federal and state OSHA requirements. Aluminum construction.



ME200



X-100

Part no.	Description
ME200	Powder Coated Aluminum Chock block
X-100	Aluminum chock block

Reflective Warning Triangles

Folding plastic emergency warning triangle. Set of three in plastic box. Positive lock base. Will not tip over. Exceeds FM-VSS125 specifications. Day-glo orange an high intensity red reflector.



Part no.	Description
950-TUFF	Set of 3 flares in plastic case

Fire Extinguishers

Part no.	Description
5ABC	Fire Extinguisher 5 lb.
5BRK	Bracket for 5 lb. fire extinguisher
20ABC	Fire Extinguisher 20 lb.
20BRK	Bracket for 20 lb. fire extinguisher



Rechargeable LED Road Flares



Part no.	Description
LED	Heavy Duty, Rechargeable LED Road Flare
LED6	6 Heavy Duty, Rechargeable LED Road Flares w/Hard Carrying Case

Dog Repellent

Cayenne pepper spray. Will not injure animals permanently.

Part no.	Description
11-38-85	1½ oz. can



Wasp & Ant Spray

Controls a variety of flying and crawling insects. Effective 12 - 15 foot spray pattern. Very high dielectric strength and high flash point, for reduced probability of electric shock. Safe for use on plastics, rubber and metals. For outdoor use only.



Part no.	Description
5061	Wasp & Ant Spray, aerosol, 12 oz net weight

Flashlights

AWF-22 is UL and CSA approved. Features a crush resistant case, unbreakable lens, switch guard, spare bulb holder, ring hanger and anti-roll design. Molded in international safety orange.

H-22 features an unbreakable Tuflexx lens, crush resistant reinforced case, anti-roll tube. Proven industrial quality. Both use 2 "D" size batteries (not included)



Part no.	Description
AWF-22	Industrial Flashlight
H-22	Economy Flashlight

First Aid

Burn Spray

Topical anaesthetic. Ideal for LPG and NH₃ burns.

Part no.	Description
11-38-51	3 oz. spray



First Aid Kits

First aid kits meet ANSI standard Z308. 1-1998. Metal gasketed case.

Part no.	Description
01-15-60	First aid kit, 10 units
01-15-80	First aid kit, 16 units



Placards



PH



1075

Part no.	Description
PH	Slidemaster Placard Holder, Stainless Steel
1075	Flip Placard System for LPG & NH ₃

02

02

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Rev 8/20

TeleRadio Bobtail Remote Control System

Vehicles Affected: Cargo tank motor vehicles less than 3500 gallons in metered delivery service (common bobtail). Existing equipment will need to be retrofitted with emergency discharge control equipment, eg. off-truck remotes, no later than the first scheduled pressure test after 7/01/2001. All retrofits must be completed by 8/01/2006. All new vehicles and remounts must be equipped with off-truck remotes. Let the experts at TEECO handle your bobtail remote control system needs and help your company comply with DOT regulations.

Receiver/Decoder

The receiver/decoder connects in parallel to the existing equipment control circuitry. The digital receiver decodes data sent from the transmitter, check the data for accuracy, outputs commands and verifies the system is operating correctly.

Sensitivity- -110 dBm at 20 db (S/N)

Diagnostics- Status LED's

Power Options- 12/24AC/DC @ 1.2 VA, 48 VAC, 115 VAC, or 220 VAC

Contact Rating- 250 VAC, @ 8A (resistive)

Enclosure- Sealed polycarbonate

Operational Distance- 200 ft. environment dependent

Operational Temp.- (-10 to 140)° F.

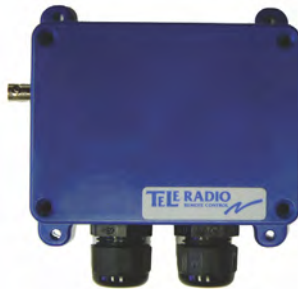
Frequency Band- 433.92 MHz

Modulation- FM

Coding- Digital

Security Codes- 6,581 dipswitch set codes

Dimensions -2.4" H x 4.7" W x 4.7" D



Transmitter

The TeleMini command/transmitter module was designed to be easily operated with one hand and light weight enough for extended use without fatigue. Radio emergency control permits unrestricted movement. Peripheral switches have been designed for long lasting usage and inherently designed to aid in the prevention of damage due to inadvertent use.

Diagnostic- LED status of operation w/low battery indication

Power- Standard 9V alkaline battery

Carry- Optional belt clip

Enclosure- Impact resistant polymer

Dimensions- 2.4" W x 3.9" L x 0.9" D

Weight- 4 oz. (including battery)



Part no.	Description
T60RX-04PRO	Receiver
401LI9	1-function transmitter
402LI9	2-function transmitter
403LI9	3-function transmitter
404LI9	4-function transmitter
ANTKIT10	Antenna w/ 10' cable
ANTKIT25	Antenna w/ 25' cable

Frame Mounted Cooling Unit

THERMAFLOW hydraulic coolers are designed to be as light weight as possible yet still provide top performance for your hydraulic drive. The SS934 hydraulic cooler is an extremely versatile unit, able to support applications such as chemicals, compressed gasses, food grade, crude oil, vacuum pumps and combo drives.

By adding a light weight THERMAFLOW unit to your system, you save considerable amount of weight on your vehicle, allowing you to haul more product. A top feature of the SS934 is its compact design, allowing users to mount the unit directly to the frame rail without taking up valuable space. At only 9.25" wide, it will fit all of your applications. If mounting behind the cab is what you need, Thermaflow offers a mounting bracket kit that will simplify your installation.

The Model 934 will drive most 3" and 4" product pumps and compressors, with options for multi-pump applications.

Part no.	Description
SS934HR	Hydraulic Cooling Unit



03

BASE Engineering ASK Series

Fuel Delivery Truck Radio Remote Controls

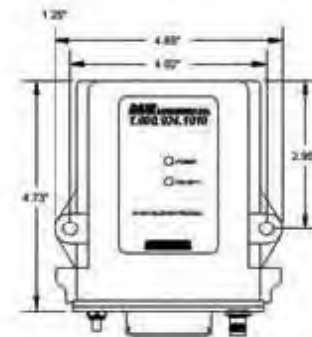
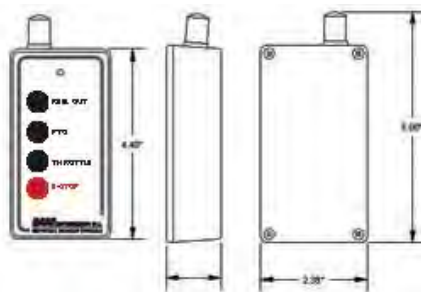
Developed specifically for fuel delivery truck applications requiring intrinsically safe, explosion proof handhelds. One to eight remote control functions available with rugged, waterproof, cast aluminum handheld. Typical applications include: PTO, THROTTLE, HOSE REEL, QUERY, and EMERGENCY STOP or any other chassis/tank operation. Systems are available to connect with all types of truck engine and chassis controls and quick-connect wire harness can be ordered as a "factory" installed OEM option in many new truck chassis allowing "plug and play" tank up-fitter installation

Field programmable for latched, momentary, or safety latched operation. 300 hour continuous transmission double "A" batteries with low battery warning. External receiver "learn" button allows easy transmitter replacement. Optional pre-wired solenoids are available for pneumatic, hydraulic, or electric control interface as required. modular components allow for easy installation and field Replacement. Systems can be specified or Fisher or Rego internal valves, Hannay or Reelcraft hose reels, muncie or Chelsea PTO's, and any type of truck engine. System complies with DOT HM225A requirements for "off truck remote controls" and is available with "Query" option for 5-minute auto shut off after 30 second alarm (for LPG tank trucks larger than 3500 USG). Also available with "PTO Delay" feature which automatically opens tank internal valve for 5 seconds prior to engaging PTO allowing pump and product lines to charge preventing internal valve slug.

Part no.	Description
ASK100TX	Single function remote transmitter
ASK200TX	Two function remote transmitter
ASK300TX	Three function remote transmitter
ASK400TX	Four function remote transmitter
ASK100RX	Receiver, 1 function
ASK200RX	Receiver, 2 function
ASK300RX	Receiver, 3 function
ASKG400RX	Receiver, 4 function
CAS1000	Case
CAS2000	Case
ANT1000	Antenna
COAXT-15	Antenna Cable, 15 ft (other lengths available)



Note: RVC Series is no longer available. Please call Teeco to convert to ASK Series.



Reminder: When replacing existing unit, please provide current model & serial # for existing unit. When replacing transmitter or receiver, please provide functions on handheld (ie, PTO, Throttle, etc.)

Teeco is a full line distributor of BASE Engineering. Additional products available. Please call TEECO for information.

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

How to Order Hose Reels

Ordering hose reels need not be confusing. All the manufacturer needs to know is the space you have to mount the reel, the type of reel you prefer, together with the information listed below:

1. Advise overall height, width and depth of available clear space for installation.
2. Specify I.D. of hose and length desired.
3. Specify electric, spring-operated or crank rewind.
4. If electric, specify 6 or 12 volt.
5. If crank rewind, specify right or left hand crank.
6. Specify top or bottom wind.
7. Specify right or left inlet and I.P.T. size desired.
8. Specify joint desired, straight or 90° elbow.
9. Specify top or bottom rollers, if desired.

Hannay LPG Hose Reels

Call TEECO Sacramento for specific applications, reels currently in stock and pricing information.

Series	Rewind	Motor	Brakes & Locks	Inlet	Outlet	Rollers	Operating Pressure/Temp.	
PB	Gear-driven crank or sprocket	Electric, hydraulic or compressed air	Pinion (crank) or strap (power)	1½" FNPT 90° swivel	1½" FNPT flanged riser	Optional	600 psi -60° F. - +175° F.	
PBGMT	Chain or sprocket		Strap			Pinion		Guidemaster top mount
PBGMB	Chain or sprocket							Guidemaster bottom mount
PBM	Liquid Chain or sprocket Vapor Gear driven crank		n/a			Optional		
SPBN800/SPB800	Spring*		Ratchet	1" FNPT 90° swivel"	1" NPT flanged riser	4-way	1000 psi -60° F. - +175° F.	

* A hose stop should be used to prevent damage to rollers and nozzles and permit adjustment of free hose length.

PB Series

Manual or power rewind reels, to handle single 1" through 1½" I.D. hose. Explosion-proof. Used singly or in pairs for liquid and vapor return hoses.

Hose Capacity of Reel	
1" I.D.	1½" I.D.
150' - 250'	50' - 110'



PBGMT Series

Power rewind reels with top-mounted *Guidemaster*. Handles single 1" through 1½" I.D. hose. Ideal for open deck or compartment mounting when recovery is at an angle other than straight off the reel.

Hose Capacity of Reel	
1" I.D.	1½" I.D.
150' - 200'	50' - 110'



PBGMB Series

Power rewind reels with bottom-mounted *Guidemaster*, to handle single 1" through 1½" I.D. hose. Ideal for open deck or compartment mounting when recovery is at an angle other than straight off the reel. *Hose sold separately.*

Hose Capacity of Reel	
1" I.D.	1½" I.D.
150' - 200'	50' - 110'



PBM Series

Power rewind liquid reel with manual rewind vapor reel. To handle 1" through 1½" liquid hose and 1/2" through 1" vapor hose. Each reel is supported individually.



Hose Capacity of Reel				
Liquid		Vapor		
1" I.D.	1½" I.D.	1/2" I.D.	¾" I.D.	1" I.D.
150' - 200'	50' - 110'	175' - 225'	80' - 100'	75'

SPBN800/SPB800 Series

Spring rewind reels, to handle ¾" or 1" I.D. Hose. Available in two frame configurations. Standard N series has a narrow frame and compact mounting base, and channel frame for heavy-duty applications.

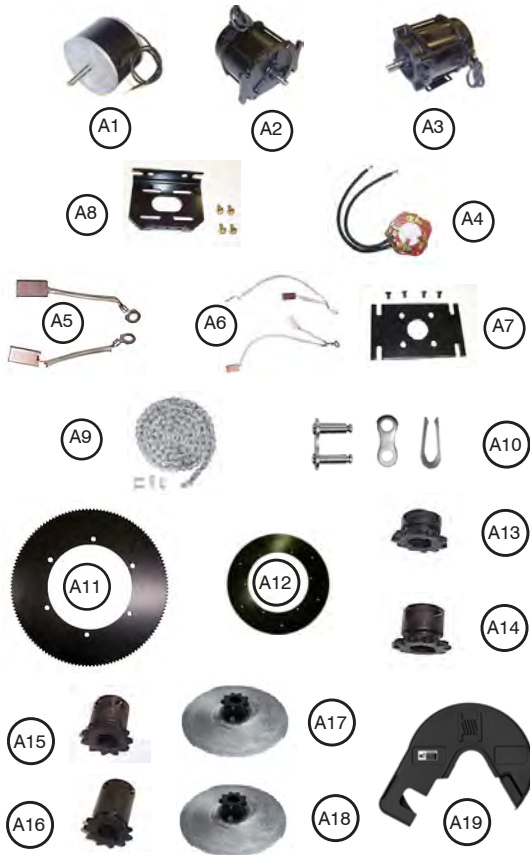


Hose Capacity of Reel	
¾" I.D.	1" I.D.
25' - 100'	15' - 100'

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Replacement Parts for Hannay LPG Hose Reels

Motor and Sprocket Parts



Ref. no.	Part no.	Description
A1	9915.0042	12 Volt Flange Mount Non-Explosion-Proof Motor
A2	9915.0003	12 Volt Flange Mount Explosion-Proof Motor
A3	9915.0014	12 Volt Base Mount Explosion-Proof Motor
A4	9916.0013	Brush Board Assembly (w/springs and brushes) for 12 Volt 1/2 HP Motor
A5	9916.0071	Pair of Brushes for 12 Volt Non-Exp-Proof Motor (#572008)
A6	9916.0070	Two Pairs of Brushes for 12 Volt Explosion Proof Motor (#572000)
A7	9923.0008	Flange Mount Motor Plate for Non-Exp-Proof Motor
A8	9923.0006	P66A-00090 Motor Mounting Plate Right Angle for Non-Exp-Proof Motor
A9	9912.0001	10'Length #35 Chain w/Connecting Link
A10	9912.0010	Connecting Link for #35 Chain
A11	9910.1423	138T35 Disc Sprocket, 16-5/8" Diameter (E-Coated)
A12	9910.3128	146T40 Disc Sprocket, 23-1/2" Diameter (E - coated)
A13	9910.1116	11T35 Motor Sprocket, 3/4" Long
A14	9910.1117	11T35 Motor Sprocket, 1-1/16" Long
A15	9910.1118	11T35 Motor Sprocket, 1-5/16" Long
A16	9910.1119	11T35 Motor Sprocket, 1-3/4" Long
A17	9910.2219	Disc & Sprocket for Caliper Brake (#35 Chain)
A18	9910.2100	Disc & Sprocket for Caliper Brake (#40 Chain)
A19	Specify	Molded Chain Guard (left or right)

Switches and Electrical



Ref. no.	Part no.	Description
B1	9917.0001	Red Dot EXPB-2A Switch (12 Volt)
B2	9917.0012	Red Dot Internal Switch
B3	9917.0150	Red Dot Repair Kit - Includes Button and Cover
B4	9917.0061	Red Dot 5-Port Round Junction Box/Cover
B6	9917.0063	Insulated "Bug" Connector
B7	9917.0025	12 Volt Solenoid (Diode-Suppressed)
Not Shown	Specify	SDLM Circuit Breaker (Specify Amperage)
B9	9917.0024	CB-2 Mounting Bracket (for Circuit Breaker)
B10	9917.0006	Push-Button 12 Volt Switch (Less Cap)
B11	9917.0008	Rubber Cap (For Push Button Switch)
B12	9917.0200	EPS-1 Switch (Used with Guidemaster)
B13	9917.0207	EPS-2 Mounting Bracket (Used with EPS-1)
B14	9917.0208	Extension Bracket for EPS-2

Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Replacement Parts for Hannay LPG Hose Reels

Roller Assemblies, Cable Guides, Hose Stops



Ref. no.	Part no.	Description
Not Shown	Specify	Top Wind FH-3 Mtg. Brkt. (Specify Model)
D2	9939.0042	FH-3 Roller & Spool Assy. (Specify Model)
D3	9940.0012	FH-307 Delrin-Over-Steel Step Bolt
D5	9940.0005	FH-301 Spool
D6	9940.0006	FH-302 Block
D7	9940.0007	FH-303-15 (1.5") Trunnion Bearing
D8	9940.0008	FH-303-2 (2") Trunnion Bearing
D9	9939.0062	Utility Hose Roller Assy."C" (Spec. Model)
D10	9940.0076	EH-650 Mounting Block (Plated)
D11	9939.0003	EH-714 Roller Assembly
D13	9922.0012	HS-45 Hose Stop (Specify OD of Hose)
D14	9951.0009	GR-4A Guide Arm Positioner
D15	9951.0010	GR-4 Guide Arm
D16	9951.0012	GR-5 Scoop Cable Guide
D17	Specify	"R200" Series Roller Assembly
D18	Specify	"N200" Series Roller Assembly
D19	Specify	"R300" Series Roller Assembly
D21	9940.0016	FH-303 1 1/2" Trunnion Bearing (New Style, No Through Hole)

Bearings



Ref. no.	Part no.	Description
E1	9902.1200	1/2"S.A. Ball Bearing Complete
E2	9902.1300	1/2"S.A. Ball Bearing Insert
E3	9902.1400	1"S.A. Ball Bearing Complete
E4	9902.1500	1"S.A. Ball Bearing Insert
E5	9902.1610	1-1/2"S.A.Bronze Bearing Complete (E-coated)
E6	9902.1620	1-1/2"S.A.Bronze Bearing Complete (304 S.S.)
E7	9902.1700	1-1/2"S.A.Bronze Bearing Insert
E8	9902.1730	1"S.A.Bronze Bearing insert
E9	9965.0021	H-150G Gasket for 1-1/2" Riser
E10	9901.2840	1-1/2"Hub Assy Complete (Specify Model)

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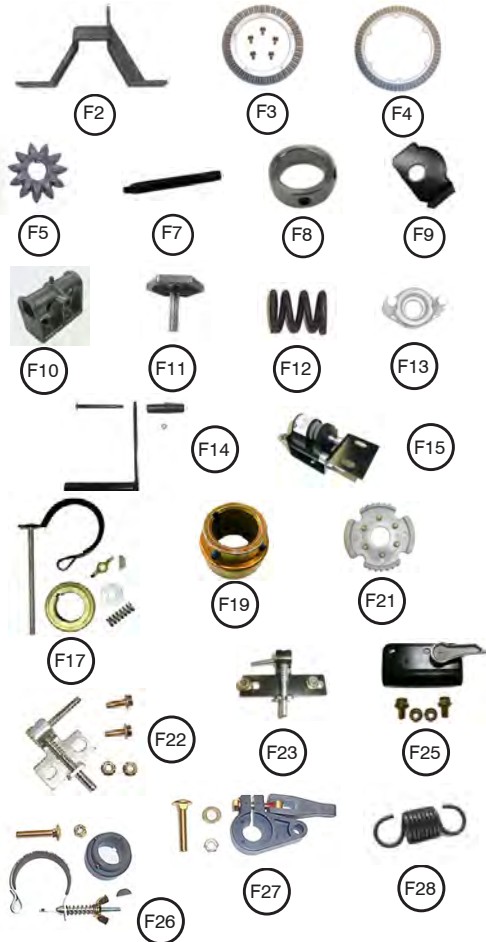
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Replacement Parts for Hannay LPG Hose Reels

Rewind Assemblies, Brakes, Ratchets



Ref. no.	Part no.	Description
F1	Specify	30° Rewind Bracket (specify right or left)
F2	9914.0233	Vertical Rewind Bracket Only
F3	9914.0372	H-26 Ring Gear
F4	9914.0382	H-28 Ring Gear
F5	9914.0393	H-27 Pinion Gear
F7	Spec. Model	Pinion Shaft
F8	9914.0351	Pinion Shaft Collar
F9	9914.0618	Pinion Gear Guard (E-Coated)
F10	9914.0243	H-2A Pinion Shaft Bearing
F11	9914.0413	H-30A Brake Wheel
F12	9914.0451	H-31 Brake Spring
F13	9914.0433	H-3 Brake Pad
F14	9914.0011	H-18 Hand Crank
F15	9947.0020	Air Caliper Brake
F17	9947.0035	Comet Brake Assembly (IV Style)
F19	9947.0038	Comet Brake Iron Hub (IV Style)
F21	9922.0015	Ratchet Wheel (new 2 position)
F22	9965.0030	PL-1 Pinlock
F23	9965.0036	PL-4 Pinlock with Extended Mounting Ears
F25	Spec. Model	Ratchet Locking Assembly (for Regular Frame Spring Reels)
F26	9947.0090	Comet Brake Assembly (Bearing Mounted Style)
F27	9947.0130	Cam Lever Drag Brake Kit (including mounting hardware)
F28	9922.0008	Ratchet Locking Spring

Guide Master Parts and Brackets



Ref. no.	Part no.	Description
G1	9945.0026	GM Ball Bearing (For GM-609 Roller)
G2	9945.0044	GM-108 Ball Bearing (For GM-109 Roller)
G3	9945.1000	GM-X Hourglass Roller w/Bearings
G4	9944.0200	GM-X Guidemaster Only (w/ EPS-1 Switch)
G5	9944.0205	GM-X Guidemaster (Less Switch Only)
G6	9945.0009	GM Mounting Yoke w/Bronze Bushing
G7	9945.0011	GM Oil-Impregnated Bronze Bushing
G8	9945.1001	GM Roller Body w/Mtg. Bolts
G10	9945.1005	GM Roller Mtg. Bolts
G11	9945.1003	Pinlock Assembly
G12	9945.1004	GM Roller Bolt Mounting Plate
G13	9939.0069	Assy. "B" Roller for Bottom-Wind Guidemaster Reels (specify model)

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Carburetors/Mixers - IMPCO

55 Series Carburetors

The standard model can be mounted on either an updraft, downdraft, or side draft orientation, supplying either LPG or natural gas to engines from 1.5 to 70 HP. Maximum flow rate is 115 cfm. Various SEA flanges and air horn sizes available.



Part no	Description
Model 55 Series Carburetor	
CA55-271	Carburetor, 1" SAE flange, A2-65-2 straight air horn, long shaft, return spring bracket
CA55-524	Carburetor, 1" SAE flange, Toyota, Straight draft
CA55-542	Carburetor, 1" SAE flange, Toyota, Straight draft
CA55-553	Carburetor, 1" SAE flange, w/A2-65 & A3-113 adapters, Toyota, Straight draft
CA55-576	Carburetor, Hyster special flange, 43mm air horn, short lever w/throttle return
CA55-577	Carburetor, 53mm flange, 43mm air horn, standard flow, Straight draft
CA55-596-2	Carburetor, 1 1/4" SAE flange, A2-61 air horn, tapped 8mm, Mitsubishi, Straight draft
CA55-598-2	Carburetor, 1 1/4" SAE flange, A2-61-2 air horn, tapped 8mm, Clark, Straight draft
CA55-599-2	Carburetor, 1 1/4" SAE flange, 2 1/4" air horn, tapped 8mm less levers, Straight draft
CA55-754L	Mixer, 1 7/8" SAE flange, 1 7/8" air horn, w/lifter
CA55-756L	Carburetor, 2 1/16" air horn, 2 1/16" hose, dual fuel, with lifter, Straight draft
CA55-758L	Carburetor, 2 5/16" air horn, 2 5/16" hose, dual fuel, with lifter Straight draft
CA55M-1	Mixer, 1 1/2" air horn
CA55M-2	Mixer, 1 5/8" air horn
CA55M-4	Mixer, 1 7/8" air horn
CA55M-5	Mixer, 2 1/16" air horn
CA55M-500	Series 500, straight draft mixer

100 Series Carburetors

For automotive and industrial operations of LP-Gas, natural gas or digester gas. Single diaphragm air-gas valve carburetor/mixer. 90° air inlet provides low overhead clearance. Available with several air horn and body options. Rated to 106-123 HP.



Part no	Description
Model CA100 Series Carburetor/Mixer	
CA100M-2-2	Mixer, 1 7/8" air horn. lean flow silicone
CA100M-3	Mixer, 2 1/16" air horn
CA100M-3-2	Mixer, 2 1/16" air horn, lean flow, silicone
CA100M-4	Mixer, 2 5/16" air horn
CA100M-4-2	Mixer, 2 5/16" air horn, lean flow, silicone
CA100M-5-2	Mixer, 1 5/8" air horn, silicone
FB100M-4	Mixer, 2 5/16" air horn, feedback

125 Series Carburetors

For automotive and industrial operation of LP-Gas, natural gas, or digester gas. Single diaphragm air-gas valve carburetor/mixer. Offers a downdraft air inlet that can be used for remote air filtration or open element type filters. Rated to 126-146 HP.



Part no	Description
CA125 Series Carburetor/Mixer	
CA125M-2	Mixer with silicone diaphragm
CA125-75	Mixer with 1 1/4" SAE flange (short) 80mm air horn, lever w/ clamp on
CA125-76-2	Mixer with 1 1/4" SAE flange (short), 80mm air horn, spring hole R, w/ AV1-14-76-2
CA125M-10-2	Mixer, Dual fuel, vacuum lift with silicone diaphragm

200 / FB200 Series Carburetor

The Model 200 Series is a single diaphragm air-valve carburetor / mixer. It offers a 90° air inlet to provide low overhead clearance. Available with several air horn and throttle valve options. Available for propane, natural gas and digester gas applications. It has been successfully used for other hydrocarbon-based vapor fuels as low as 500 BTU.



Part no	Description
Model FB200 Series	
FB200M-1-2	2 5/8" air horn with silicone diaphragm for ADP feedback system
FB200M-2-2	3 1/16" air horn with silicone diaphragm for ADP feedback system

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P1

Carburetors/Mixers - IMPCO

Model 225 Series Mixer

Single diaphragm air-gas valve carburetor/mixer. Offers a downdraft air inlet that can be used for remote air filtration or open element type filters. For LP-Gas, natural gas or digester gas applications.



Part no	Description
Model 225 Series Mixer	
FB225M-2	Mixer w/ silicone diaphragm for ADP feedback system
CA225M-2	Mixer with silicone diaphragm

300A Series Dual Fuel Mixers

For LP-Gas and natural gas dual fuel automotive operation. Available with 14" or 10" air filter. High flow, vacuum operation and feed-back models available.



Part no	Description
Model 300 Series Mixer	
CA300A-M-2	Mixer, Dual fuel, Series 1 Std Carb w/ V2-11 gas valve, w/ Boden cable, no air filter
CA300A-M-3-2	Mixer, Dual fuel, Series 1 Std Carb w/V2-11, no air filter, no Boden cable
CA300A-M-4-2	Mixer, Dual fuel, Series 1 Std Carb w/V2-11, no air filter, no Boden cable
CA300AM-50-2	Mixer, Dual fuel, Series 50 w/V2-39 high flow gas valve, w/ Boden cable
CA300AM-50-4	Mixer, Dual fuel, Series 50 w/V2-39 high flow gas valve, w/ silicone diaphragm
FB300A-M-2	Series 1 w/V2-49 feedback gas valve, w/silicone diaphragm
FB300AM-50-2	Series 50, w/ V2-50 feedback gas valve, w/silicone diaphragm
FB300AM-50-4	Series 50 w/ V2-50 feedback gas valve, no Boden cable, no air filter

Model 425 Mixers

Standard mixer with standard or optional throttle bodies. For LPG, and Natural Gas applications.



Part no	Description
Model 425 Series Mixer	
CT425M-2	Mixer, w/V2-19 gas valve, w/silicone diaphragm
FT425M-2	Mixer, w/V2-51, w/silicone diaphragm for ADP feedback system

IMPCO Carburetor Repair Kits

Part no	Description
RK-CA55	Repair kit, Model CA55 Carb STD
RK300MI-1/20-2	Repair kit, CA300A series 50 / 70, minor, w/silicone diaphragm
RK300MI-50/70-2	Repair kit, CA300A series 1 / 20, minor, w/silicone diaphragm
RK300MA-1/20	Repair kit, CA300A series 1 / 20, major, w/hydrin diaphragm
RK300MA-1/20-2	Repair kit, CA300A series 1 / 20, major, w/silicone diaphragm

IMPCO Air-Gas Valve Assemblies

Part no	Description
AV1-10	For 300A series
AV1-10-2	For CA300A w/silicone diaphragm
AV1-12	Lean flow, w/diaphragm, 200, 200D, 200T, 225 Series
AV1-12-2	Lean flow, w/silicone diaphragm, 200, 200D, 200T, 225 Series
AV1-12-3	Ball check, hydrin
AV1-12-6-2	W/silicone diaphragm, V2-16-1 standard flow, 200 series
AV1-14-2	W/diaphragm, 100, 125 (lean for forklifts) Series
AV1-14-3	W/silicone diaphragm, 100, 125, (regular) Series
AV1-14-4	W/silicone diaphragm, 100, 125 (lean for forklifts) Series
AV1-16	W/diaphragm, 425, regular
AV1-16-2	W/silicone diaphragm, 425, regular
AV1-1245	For feedback, 225 Series
AV1-1245-2	For feedback, w/silicone diaphragm, 225 Series
AV1-1447-2	For feedback, w/silicone diaphragm, 125, under 200 CID
AV1-1637-2	W/silicone diaphragm, EC1, 425 (rich valve)
AV1-1644-2	W/silicone diaphragm, 425 for 370 CID & above (very lean)
AV1-1651-2	For feedback, w/silicone diaphragm, 425
CV1-12-2	W/silicone diaphragm, natural gas, 225 Series
CV1-14-2	Air/gas valve assy, silicone diaphragm

P2

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Converters / Regulators and Repair Kits

Model E, PE Series

325 HP. Two-stage LP-Gas converter/regulator. Engine coolant heated to assist liquid fuel vaporization. Diagnostic test ports standard for both primary and secondary pressure chambers. Rebuildable.

Part no.	Description
EB-2	Model E blue spring with silicone diaphragm
PE	4.5" W.C., S2-37 brown spring, hydrin dia., LPG vapor, black, w/exchanger
RK-E-2	Repair kit, Model E w/silicone diaphragm
RK-PE	Repair kit, Model PE



Model EV, PEV Series

Two-stage regulators/converters intended for propane vapor / natural gas withdrawal systems. Heating with engine coolant is not required. Diagnostic test ports standard for both primary and secondary pressure chambers. Choice of diaphragm materials available. Rebuildable.

Part no.	Description
EV-2	Model E blue spring, LPG vapor regulator, no heat exchanger, silicone diaphragm
PEV-1	3.7" to 6.5"W.C., S2-37 brown spring, natural gas vapor, no heat exchanger, adjustable
RK-EV-2	Repair kit, Model EV with silicone diaphragm
RK-PE	Repair kit, Model PE w/hydrin diaphragm
RK-PEV	Repair kit, PEV regulator w/hydrin diaphragm



Model L Series

200 HP. Two stage regulator/converter. Coolant heated. Provides liquid vaporization in industrial engine applications. Negative outlet pressure of -1.5 w.c. No optional pressures are available. Features rear fuel inlet, primary and secondary diagnostic test ports.

Part no.	Description
LB-2	Model L blue spring with silicone diaphragm
RK-L-2	Repair kit, Model L w/silicone diaphragm



Model J Series

100HP. Two stage regulator/converter for LP-Gas Engines. Three vapor outlet pressures are available. Standard blue secondary spring provides negative -1.5 inches w.c. output.

Part no.	Description
JB-2	Model J blue spring with silicone diaphragm
RK-J-2	Repair kit, Model J w/silicone diaphragm



COBRA Series

Two-stage converter/regulator. Designed to meet the performance requirements of demanding OEM applications in materials handling, portable and stationary engines, ground support equipment, agricultural, and construction equipment. Negative -1.5 inches w.c. output.

Part no.	Description
COBRA	Two stage 1-1/2" WC negative pressure converter/regulator blue spring
RK-COBRA	Repair kit, COBRA series regulator w/fluorosilicone diaphragm



P3

IMPCO-Beam Garretson Carburetion

IMPCO-Beam Garretson specializes in small engine gaseous carburetion systems for generators and other small industrial applications. IMPCO-Beam Garretson carburetors completely replace the gasoline carburetor. Various sizes and styles of systems are available for small engine applications. Call with your specific application.

Converters and Regulators

Part no	Description
T60-A-VN-N	Liquid withdrawal, idle & vacuum lockoff, 1/8" primary port, 4, PSI, LPG, 60 HP
T60-A-VP-N	Liquid withdrawal, with idle, primer & vacuum lockoff, 1/8" primary port, 4 PSI, LPG, 60 HP, TR
T60-A-NN-N	Liquid withdrawal, idle only, 1/8" primary port, 4 PSI, LPG, 60 HP
52B	Secondary dry gas low pressure regulator, 1/8" primary port, 4.5 PSI, LPG, 40 HP
120A	Idle adjustment & vacuum shut off, no primer, 5 PSI, LPG, 150 HP capacity
120A-P	Idle adjustment & vacuum shut off, extended manual primer, 5 PSI, LPG, 150 HP capacity
T202ANL	Secondary regulator, 3/8" orifice, 8 oz. max., LP-gas or natural gas, idle & vacuum lockoff, no primer, 45 HP
039-12	Garretson Model KN Secondary low pressure gas regulator, no primer standard 6 oz. inlet pressure, LPG 40 HP or CNG 25 HP
039-122	Garretson Model KN Secondary low pressure gas regulator, manual primer standard 6 oz. LPG 40 HP or CNG 25 HP
074-131	Garretson Model S2 two-stage vapor regulator, 2 psig primary pressure, 20 HP, LPG
073-321	Garretson Model SD secondary low pressure vapor regulator, 1/4" orifice, 6 oz. inlet pressure, LPG 18 HP or CNG 10 HP
IMP53-50981-002	IMPCO Low pressure dry gas regulator, LPG or CNG. No lockoff. 3/4" inlet/outlet, 450 f3/h flow capacity
IMP53-50981-001	IMPCO Low pressure dry gas regulator, LPG or CNG. No lockoff. 1" inlet/outlet, 710 f3/h flow capacity

T60 Series



120A



T202ANL



Repair Kits

Part no	Description
50ERK	Repair kit, Model 50 regulator
52B-RBK	Rebuild kit, Model 52B series regulator
T60-RBK	Rebuild kit, Model T60 regulator
T60-RCK	Complete rebuild kit, Model T60 regulator
T60-RK	Repair kit, Model T60 regulator
120A-RBK	Rebuild kit, 120A series regulator
120A-RCK	Complete rebuild kit, 120A series regulator
120A-RK	Repair kit, 120A regulator
T202-RBK	Rebuild kit, T202 series regulator
T202-RK	Repair kit, T202 series regulator
400-RK	Repair kit, 400 series regulator
1501-RK	Repair kit, Model 1501-L
039-99	Repair kit, Model KN
073-99	Repair kit, Model SD
074-99	Repair kit, Model S2

Spud-Ins/Air Horn Adapters

Carburetor Spud-In kits and air horn adapter systems for small engine applications are available. Call with your specific application.



Accessories

IMPCO-Beam Garretson accessories available include Microvac vacuum safety switches, oil pressure safety switch, mounting brackets, complete conversion kits for small engines and repair kits.



Hose Fittings

Straight - Brass

Part no.	Hose I.D.	M.NPT Size
11-SB	3/16"	1/8"
21-SB	1/4"	1/8"
22-SB	1/4"	1/4"
31-SB	3/8"	1/8"
32-SB	3/8"	1/4"
33-SB	3/8"	3/8"
42-SB	1/2"	1/4"
43-SB	1/2"	3/8"
52-SB	5/8"	1/4"
53-SB	5/8"	3/8"
54-SB	5/8"	1/2"



90° Elbows - Zinc

Part no.	Hose I.D.	M.NPT Size
44-EZ	1/2"	1/2"
53-EZ	5/8"	3/8"
54-EZ	5/8"	1/2"
56-EZ	5/8"	3/4"
64-EZ	3/4"	1/2"
66-EZ	3/4"	3/4"
84-EZ	1"	1/2"
86-EZ	1"	3/4"
88-EZ	1"	1"



Universal Water "Y"

Part no.	Description	M.NPT Size
6655-YN	5/8" x 3/4" hose I.D., 3 ways	3/4"



Straight - Zinc

Part no.	Hose I.D.	M.NPT Size
44-SZ	1/2"	1/2"
64-SZ	3/4"	1/2"
66-SZ	3/4"	3/4"
84-SZ	1"	1/2"
86-SZ	1"	3/4"
88-SZ	1"	1"



90° Elbows - Nylon

Part no.	Hose I.D.	M.NPT Size
F4-8	1/4"	1/8"
F4-12	3/8"	1/4"
F4-17	5/8"	3/8"
F4-19	5/8"	1/2"
F4-21	3/4"	3/4"
F4-27	3/4"	1"
F4-1	1"	1"



Hose Clamps

Hose Support

Part no.	Description	M.NPT Size
GC-6	3/8" hose support clamp	3/4"



Straight - Nylon

Part no.	Hose I.D.	M.NPT Size
F4-18	5/8"	3/8"
88-SN	1"	1"



90° Crankcase Vent Fitting

Includes 2 jam nuts and gasket.

Part no.	Hose I.D.	M.NPT Size
44E-12	1/2"	1/2"
54E-12	5/8"	1/2"
64E-12	3/4"	1/2"
84E-12	1"	1/2"



Worm Drive Clamps

Part no.	Description
MH-4	7/32" to 5/8"
MH-6C	3/8" to 7/8"
HS-10	1/2" to 1-1/8"
HS-16	3/4" to 1-3/4"
HS-24	1-9/16" to 2-1/2"
HS-48	1-5/8" to 3-1/2"



90° Elbows - Brass

Part no.	Hose I.D.	M.NPT Size
31-EB	3/8"	1/8"
32-EB	3/8"	1/4"
33-EB	3/8"	3/8"
42-EB	1/2"	1/4"
43-EB	1/2"	3/8"
52-EB	5/8"	1/4"
53-EB	5/8"	3/8"
54-EB	5/8"	1/2"



High Pressure Hose Fittings

Additional sizes available. Please call.

Straight - 45° Female Swivel

Part no.	Hose I.D.	SAE Flare
20820-4-4	1/4"	1/4"
323-6S	3/8"	3/8"
20820-8-8	1/2"	1/2"
20820-12-12	3/4"	3/4"



45° Elbow - 45° Female Swivel

Part no.	Hose I.D.	SAE Flare
27720-4-4	1/4"	1/4"
30003	3/8"	3/8"
27720-8-8	1/2"	1/2"



90° Elbow - 45° Female Swivel

Part no.	Hose I.D.	SAE Flare
27920-4-4	1/4"	1/4"
30004	3/8"	3/8"
27920-8-8	1/2"	1/2"



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Bulkhead Fittings

Tee - NPT x NPT x Flare

Part no.	Description	M.NPT Size
T-443	1/4" NPT x 1/4" NPT x flare	3/4"



Tee - NPT x NPT x NPT

Part no.	Description	M.NPT Size
T-444	1/4" NPT x 1/4" NPT x 1/4" NPT	3/4"



Straight Through Flare x Flare

Part no.	Description	M.NPT Size
STF-33	3/8" Flare x 3/8" Flare	3/4"



Straight Through NPT x NPT

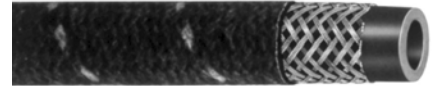
Part no.	Description	M.NPT Size
ST-44	1/4" NPT x 1/4" NPT	3/4"



High Pressure Hose

High Pressure LPG Carburetion Hose - Stainless Steel Reinforced

Textile braid cover. 350 psi maximum working pressure. UL Listed. Cut lengths-bulk lots 300' to 400'.



Part no.	Size I.D.	Size O.D.	Weight/100 ft.
FC321-04	1/4"	33/64"	11 lbs.
7233-311	5/16"	43/64"	19 lbs.
FC321-08	1/2"	49/64"	21 lbs
FC321-12	3/4"	15/64"	37 lbs

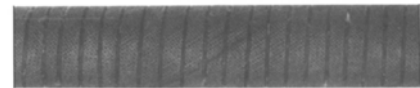
Low Pressure Hose

Low Pressure General Purpose Hose - Red LP-Gas vapor-only service. Recommended working pressure 125 psi. Rubber coated.



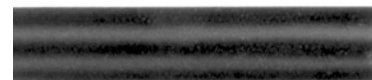
Part no.	Spirals	Size I.D.	Size O.D.	Weight/100 ft.
7122-382	2	3/8"	21/32"	14.9 lbs.

LPG Vapor/Water Heater Hose



Part no.	Size I.D.	Standard Package	Pieces
VH-58	5/8"	30'	3
VH-34	3/4"	30'	3
VH-78	7/8"	30'	3
VH-100	1"	30'	3
VH-112	1 1/2"	30'	3

Vacuum Hose



Part no.	Description
340-VH	Vacuum hose, 3/16" I.D.
341-VH	Vacuum hose, 1/4" I.D.
342-VH	Vacuum hose, 3/8" I.D.

Brass Fittings

Flare x Flare Union

Part no.	Size	Std Pkg
U2-4	1/4"	50
U2-6	3/8"	50
U2-8	1/2"	50
U2-10	5/8"	25
U2-12	3/4"	10



Flare x MNPT Half Union

Part no.	Size	Std Pkg
U1-4A	1/4" x 1/8"	50
U1-4B	1/4" x 1/4"	25
U1-4C	1/4" x 3/8"	50
U1-4D	1/4" x 1/2"	25
U1-5B	5/16" x 1/4"	10
U1-6A	3/8" x 1/8"	25
U1-6B	3/8" x 1/4"	50
U1-6C	3/8" x 3/8"	50
U1-6D	3/8" x 1/2"	50
U1-6E	3/8" x 3/4"	25
U1-8B	1/2" x 1/4"	25
U1-8C	1/2" x 3/8"	50
U1-8D	1/2" x 1/2"	50
U1-8E	1/2" x 3/4"	25
U1-10B	5/8" x 1/4"	10
U1-10C	5/8" x 3/8"	25
U1-10D	5/8" x 1/2"	50
U1-10E	5/8" x 3/4"	25
U1-12D	3/4" x 1/2"	10
U1-12E	3/4" x 3/4"	10



Flare x FNPT Half Union

Part no.	Size	Std Pkg
U3-4A	1/4" x 1/8"	25
U3-4B	1/4" x 1/4"	25
U3-4C	1/4" x 3/8"	10
U3-5B	5/16" X 1/4"	10
U3-6A	3/8" x 1/8"	10
U3-6B	3/8" x 1/4"	25
U3-6C	3/8" x 3/8"	50
U3-6D	3/8" x 1/2"	50
U3-6E	3/8" x 3/4"	25
U3-8B	1/2" x 1/4"	10
U3-8C	1/2" x 3/8"	25
U3-8D	1/2" x 1/2"	25
U3-8E	1/2" x 3/4"	25
U3-10C	5/8" x 3/8"	10
U3-10D	5/8" x 1/2"	50
U3-10E	5/8" x 3/4"	25
U3-12D	3/4" x 1/2"	2



Flare x MNPT 45° Elbow

Part no.	Size	Std Pkg
E1-45-4B	1/4" x 1/4"	25
E1-45-6B	3/8" x 1/4"	50
E1-45-6C	3/8" x 3/8"	50



Flare x MNPT 90° Elbow

Part no.	Size	Std Pkg
E1-4A	1/4" x 1/8"	25
E1-4B	1/4" x 1/4"	25
E1-4C	1/4" x 3/8"	10
E1-4D	1/4" x 1/2"	10
E1-6A	3/8" x 1/8"	10
E1-6B	3/8" x 1/4"	50
E1-6C	3/8" x 3/8"	50
E1-6D	3/8" x 1/2"	25
E1-6E	3/8" x 3/4"	25
E1-8B	1/2" x 1/4"	10
E1-8C	1/2" x 3/8"	25
E1-8D	1/2" x 1/2"	25
E1-8E	1/2" x 3/4"	25
E1-10B	5/8" x 1/4"	10
E1-10C	5/8" x 3/8"	25
E1-10D	5/8" x 1/2"	25
E1-10E	5/8" x 3/4"	25
E1-12E	3/4" x 3/4"	5



Flare x FNPT 90° Elbow

Part no.	Size	Std Pkg
E3-6B	3/8" x 1/4"	25
E3-6C	3/8" x 3/8"	25
E3-6D	3/8" x 1/2"	25
E3-6E	3/8" x 3/4"	25
E3-8B	1/2" x 1/4"	25
E3-8C	1/2" x 3/8"	25
E3-8D	1/2" x 1/2"	25
E3-8E	1/2" x 3/4"	25
E3-10C	5/8" x 3/8"	25
E3-10D	5/8" x 1/2"	25
E3-10E	5/8" x 3/4"	25



45° Street Elbow

Part no.	Size	Pkg
124A-A	1/8"	10
124A-B	1/4"	10
124A-C	3/8"	10
124A-D	1/2"	10



90° Street Elbow

Part no.	Size	Pkg
116A-A	1/8"	10
116A-B	1/4"	10
116A-C	3/8"	10
116A-D	1/2"	10



90° Female Elbow

Part no.	Size	Std Pkg
100A-A	1/8"	10
100A-B	1/4"	10
100A-C	3/8"	10
100A-D	1/2"	10



Tee

Part no.	Size	Std Pkg
101A-A	1/8"	10
101A-B	1/4"	10
101A-C	3/8"	10
101A-D	1/2"	10



Street Tee

Part no.	Size	Std Pkg
127A-A	1/8"	10
127A-B	1/4"	5
127A-C	3/8"	5



Cross

Part no.	Size	Std Pkg
102A-A	1/8"	10
102A-B	1/4"	10
102A-C	3/8"	10
102A-D	1/2"	10



Hex Bushing

Part no.	Size	Std Pkg
110A-BA	1/4" x 1/8"	25
110A-CA	3/8" x 1/8"	10
110A-CB	3/8" x 1/4"	25
110A-DA	1/2" x 1/8"	10
110A-DB	1/2" x 1/4"	10
110A-DC	1/2" x 3/8"	10
110A-EB	3/4" x 1/4"	10
110A-EC	3/4" x 3/8"	10
110A-ED	3/4" x 1/2"	10



Hex Nipple & Reducing Nipple

Part no.	Size	Std Pkg
122A-A	1/8"	10
122A-B	1/4"	10
123A-BA	1/4" x 1/8"	10
123A-CB	3/8" x 1/4"	10



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Fill Valves and Fill Adapters

Double Check Filler Valves for Forklift, Autogas and RV Tanks
Designed to provide fast filling of forklift, Autogas, and recreational vehicle tanks.



Propane Liquid Capacity at Various Differential Pressures (GPM)***				
10 PSIG	20 PSIG	30 PSIG	40 PSIG	50 PSIG
14	20	24	27	50

Part no.		Hose Connection	Tank Connection M. NPT	Wrench Flats	Effective Length (Aprox.)
Basic	W/ Lanyard & Cap				
7647H	—	1/2" F. NPT	3/4"	1 1/2"	2 7/16"
—	7647DC	1 3/4" ACME & F. POL			3"
—	7647SC*	1 3/4" ACME		1 3/4"	2 1/4"

* Large 134" hex wrench flats. ** 30° angle on 1 1/4" ACME hose connection.
*** Multiply flow rate by .94 to determine liquid butane capacity.

Double Check Filler Valves for Large Autogas and ASME Tanks

Designed to provide fast filling of large Autogas and ASME domestic tanks. The 6579 Series incorporates a swing-away lower check which greatly reduces pressure drop across the valve. This lower pressure drop promotes faster filling rates and greater efficiency resulting in more profitable operations.



Part no.		ACME Hose Connection	Tank Connection M. NPT	Wrench Hex Flats	Propane Liquid Capacity at Various Differential Pressures (GPM)				
With Cap Only	With Cap, Chain & Ring				5 PSIG	10 PSIG	25 PSIG	50 PSIG	75 PSIG
L7579***	L7579C***	1 3/4"	1 1/4"	1 7/8"	50	70	111	157	192
7579P	—		1 1/4"		37	52	82	116	142
L6579**	L6579C**		1 1/4"		78	110	174	246	301

* Incorporates 3/4" F. NPT dip pipe connection. ** Swing-away lower back check valve design for higher filling rate.
***L7579 & L7579C are Low Emission - only 2.14 cc emissions . Replaces 7579 & 7579C, respectively.
Note: Multiply flow rate by .94 to determine liquid butane capacity. Note: 7579C includes 3174-93L. 6579C includes 3174-93.

ACME Check Connectors for Lift Trucks

Especially designed to join the carburetor fuel line to the service valve on lift truck cylinders. Sturdy, long lasting ACME threads allow quick, hand-tight assembly that provides for quick and simple cylinder replacement.



Part no.	For	Inlet	Outlet	Protective Cap*	
				Rubber	Brass
7141M	Service Valve	3/8" F. NPT	1/4" M. ACME	7141M-40	7141FP
7141F	Fuel Line	1/4" F. ACME	1/4" F. NPT	—	—

* Recommended to minimize foreign material entering valves which could result in leakage.

Replacement ACME Caps

Made of Cyclac, with cap and ring.



Part no.	ACME	Ring Fits Pipe Size
3144-91	1 1/4"	3/4"
3174-91	1 3/4"	3/4"
3174-93	1 3/4"	1 1/4"

Vent Valve

Brass construction, hex head actuation, shown with instruction plate.



Part no.	Description
3165C	Vent valve, 1/4" M.NPT tank connection
3165CP	3165C with warning plate
3165D	Vent valve, 1/4" M.NPT tank connection with #72 Drill Orifice
3165DP	3165D with warning plate

Ball Valve

Shutoff valve for pressure gauges and fixed tube liquid level gauges on storage containers.



Part no.	Description
027SMC	1/4" ball valve, 1/4" F.NPT x 1/4" M.NPT

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Service Valves for ASME Autogas Containers

Designed specifically for vapor or liquid withdrawal service on ASME Autogas containers. *Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that container's capacity.* When installed for liquid withdrawal, the 9101H6 has provisions for attachment of a liquid withdrawal tube. All other valves must be installed in containers that have provisions for a separate liquid withdrawal.

Part no.	Container Connection	Service Connection	Liquid Withdrawal Connection	Closing Flow (LP-Gas)		
				Vapor		Liquid GPM
				25 PSIG Inlet	100 PSIG Inlet	
901C1	3/4 M. NGT	F. POL CGA 510	None	350***	605***	2.6***
901C5				550***	1,050***	
9101H5 *		3/8" SAE Flare	1/4" NPT	765**	1,300**	3.6**
9101H6 *				550****	1,050****	2.6****
9101Y5H *				60° Angle 3/8" SAE Flare	None	550**

* Heavy-duty models. ** Based on 3/8" O.D. pigtail, 20" long or less, connected to valve outlet. For greater lengths, the pigtail must have a larger O.D. *** Same as (**). In addition, 1/4" O.D. pigtails or POL connections for 1/4" O.D. should not be used with this valve.

**** Based on 3/8" O.D. pigtail; 20" long or less, connected to valve outlet. Also based on 1/4" pipe size dip tube, 42" long or less, attached to special inlet connection. For longer pigtail lengths, the diameter of the pigtail must be increased. **NOTE:** These valves incorporate an excess flow valve. Refer to L-500, Section F for complete information regarding selection, operation and testing excess flow valves.

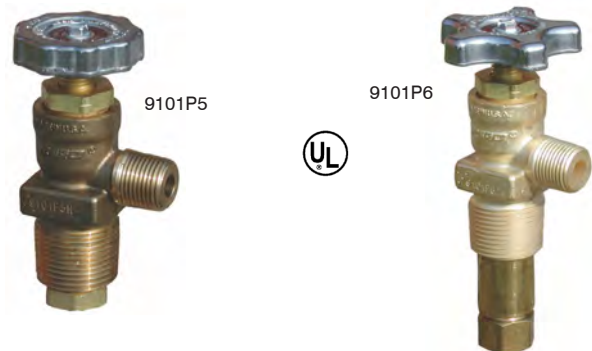


Service Valves for DOT Forklift Containers

Designed specifically for vapor or liquid withdrawal service on DOT forklift containers. Valves with 1.5 GPM closing flow are for use in small and medium size lift truck applications, while those with 2.6 GPM closing flow are for large lift trucks and gantry crane type vehicles.

Since none of these valves have an integral pressure relief valve, they may only be used as an accessory valve on containers that have an independent pressure relief valve sufficient for that cylinder's capacity.

When installed for liquid withdrawal, the 9101P6 Series has provisions for attachment of a liquid withdrawal tube. The 9101P5 Series must be installed in containers that have provisions for a separate liquid withdrawal.



Part no.	Container Connection	Service Connection	Liquid Withdrawal Connection	Closing Flow (LP-Gas)			Approximate Filling Rate Liquid Flow, GPM				Accessories		
				Vapor		Liquid (GPM)	Pressure Drop Across Valve				ACME Check Connectors		
				25 PSIG Inlet (SCFH)	100 PSIG Inlet (SCFH)		10 PSIG	25 PSIG	50 PSIG	100 PSIG	Male	Female	Cap
9101P5	3/4 M. NGT	3/8 M. NPT	None	430	900	1.5	5	7.6	10.7	14.9	7141M	7141F	7141M-40 or 7141FP
9101P5H				550	1,050	2.6							
9101P6			1/4" NPT	430	900	1.5	4.5	7.2	10.3	14.8			
9101P6H				550	1,050	2.6							

NOTE: These valves incorporate an excess flow valve. Refer to L-500/Section F, for complete information regarding selection, operation and testing of excess flow valves.

Fully Internal "Pop-Action" Pressure Relief Valves for Autogas Containers

8543 Series relief valves are designed for use as a primary relief valve in larger ASME Autogas containers such as on buses, trucks and construction equipment. 8544 Series relief valves are designed for use as a primary relief valve in smaller ASME and DOT Autogas containers such as on tractors, lift trucks, cars and taxicabs.



Part no.	Container Type	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Overall Height (approx.)	Height Above Coupling (approx.)	Hex Wrenching Section	Flow Capacity SCFM / Air***		Protective Cap (Included)	Accessories Pipeaway Adapter
							UL (at 120% of Set Pressure)	ASME (at 120% of Set Pressure)		
8544G	ASME	250	1"	5 7/16"	7/8"	1 5/16"	1,020	936	7544-41	7544-11A*
8543G			1 1/4"			1 11/16"	1,465	1,400	7543-40C	7543-10**
8544T		312	1"			1 5/16"	1,282	1,158	7544-41	7544-11A*
8543T			1 1/4"			1 11/16"	1,990	1,731	7543-40C	7543-10**
8544K	DOT / ASME	375	1"			1 5/16"	1,545***	—	7544-41	7544-11A*

* 1" M. NPT outlet connection. ** 1 1/4" M. NPT outlet connection. *** Rating also applies to DOT requirements.

**** Flow rates shown are for bare relief valves. Adapters and pipeaway will reduce flow as discussed in forwarding information.

Fully Internal "Pop-Action" Pressure Relief Valves for DOT Forklift Cylinders

Designed for use as a primary relief valve on forklift cylinders. All guides, springs, stem and adjusting components are located inside the cylinder - removed from the direct exposure of foreign materials and debris from the atmosphere.

Part no.	Container Type	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Flow Capacity SCFM / Air**
				(ECII Rated at 480 PSIG)
8545AK	DOT	375	3/4"	400*

Accessories (Order Separately)		Part no.
Protective Cap (Included)		7545-40
Deflectors***	45° Elbow	7545-14*
	90° Elbow	7545-12



* Classified by U.L. in accordance with Compressed Gas Association Pamphlet S-1.1 Pressure Device Standards for Cylinders. Meets requirements for use on DOT containers with 262 pounds or less weight of water or 109 pounds or less of LP-Gas. ** Flow rates are shown for bare relief valves. Adapters and pipeaways will reduce flow. *** Order protective cap #8545-41 or 7545-40.

P10 External Hydrostatic Relief Valves

Designed especially for the protection of piping and shut-off valves where there is a possibility of trapping liquid LP-Gas. Install in pipelines and hoses located between shut-off valves or in the side boss of RegO® shut-off valves. Brass valve body material.

Part no.	Start to Discharge Setting (PSIG)	Container Connection M. NPT	Height (approx.)	Wrench Hex Section	Accessories
					Protective Cap
3127J	350	1/4"	1 31/32"	7/8"	7545-40
3127K	375		1 31/32"		
3125L	400		1 9/16"	5/8"	Included
3127L			1 31/32"	7/8"	7545-40



Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

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Order Online: www.teecoproducts.com
e-mail: info@teecoproducts.com

Sacramento, CA
(800) 225-6621

Auburn, WA
(800) 426-9456

Rapid City, SD
(800) 843-8660

Forklift Tanks

Worthington Forklift Cylinders

Includes universal float gauge, liquid service valve, safety relief valve, fixed liquid level, plugged vapor and liquid fill ports.



Steel

Part no.	Description
281976	20 lb. forklift cylinder, steel
282070	33½ lb. steel forklift cylinder
282092	43½ lb. steel forklift cylinder

Aluminum

Part no.	Description
300112	33½ lb. aluminum forklift cylinder
297303	43½ lb. aluminum forklift cylinder

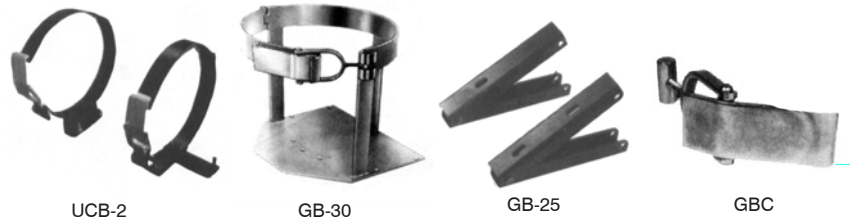
Buffer Tanks

Includes universal float gauge, vapor service valve, safety relief valve, fixed liquid level, plugged vapor and liquid fill ports.



Part no.	Description
281988	20 lb. steel buffer cylinder- Gauge, vapor valve, 10%, relief

DOT Forklift Cylinder Mounting Brackets

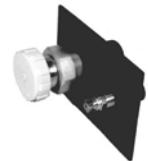


Part no.	Description
UCB-2	Horizontal mounting bracket
GB-30	Vertical Mounting bracket, 20 lb. cylinder
GB-25	Hinge brackets for UCB-2
GBC	Toggle and nut (1 only. Order two if needed)

Remote Fills

Remote Fill Brackets with Forged Steel Couplings.

Part no.	Description
P2-1-P	Bracket only (no fill, check or outage)
P2-3	Bracket with ACME fill, check, outage



Remote Relief Adapters 90°

Part no.	Description
86E-2	1" Relief valve thread to 3/4" M. NPT, 90°
88E-1	1" Relief valve thread to 1" M. NPT, 90°



Remote Relief Elbows & Rain Cap

Part no.	Description
7545-12	1" Relief valve thread pipeaway, 90°
7545-14	1" Relief valve thread pipeaway, 45°
7545-40	Rain cap for pipeaway



7545-12



7545-14

Relief Vent Assemblies

Part no.	Description
2995-P	1" Pop-up Relief Vent Assembly
GRV-10	3/4" Pop-up Relief Vent Assembly



2995-P



GRV-10

Rochester Bolted Gauges

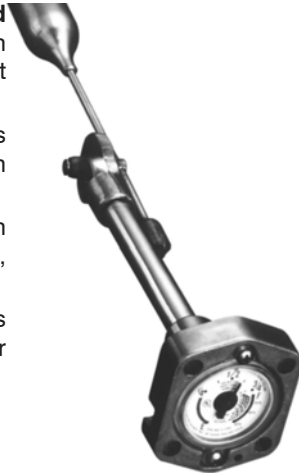
For detailed instructions on How to Order Rochester Gauges, please see Catalog Section N.

6200 Series Magnetic Liquid Level Gauge Designed for use in domestic tanks, Autogas tanks, lift truck cylinders and RV tanks.

Easily mounts in all ASME tanks with Junior or Senior adapters. Can be top, side or angle mounted.

Twin Site Gauges can be used with Twin Site receivers as well as GM, Ford and Chrysler made receivers.

Head: Aluminum or forged brass Junior 4-bolt; aluminum sensor 4-bolt.



Part no.	Head	Mount	Dial
6281	Junior	Top	Direct-read
6284	Junior	Side, end, angle	Direct-read
6241	Junior	Top	TwinSite - Direct and remote reading
6244	Junior	Side, end, angle	TwinSite
B6244	Junior (Brass)	Side, end, angle	TwinSite
6280	Senior	Top	Direct-read
6283	Senior	Side, end, angle	Direct-read
6240	Senior	Top	TwinSite - Direct and remote reading
6243	Senior	Side, end, angle	TwinSite

DOT Forklift Cylinders

Part no.	Size (Lbs.)	Style	Diameter
6284-00024	20, 33½, 43½	Horizontal	12"
6284-00045	60, 100	Horizontal	14½"
6281-00045	20	Vertical	12"
6281-00048	33½	Vertical	12"
6281-50	60	Vertical	14½"
6281-00047	100	Vertical	14½"
6284-00032	14	Universal	9"
6284-00033	20	Universal	12"
6284-00034	33½	Universal	12"
6284-00035	43½	Universal	12"

ASME Forklift Tanks

Part no.	Size (Gallons)	Diameter
6281-5 1/2-10	10	12"

Replacement Parts

Rochester Twin Site Senders



Part no.	Description
5644S02545P	Jr. T/S 0-30 Ohms
5964S02545P	Sr. T/S 0-30 Ohms
5628S02537P	Jr. T/S 0-90 Ohms
5765S02537P	Jr. T/S 0-90 Ohms w/ lead wires and male spade tabs
5788S02537P	Jr. snap-on T/S 0-90 Ohms w/ lead wires and male spade tabs
5754S02537P	Sr. T/S 0-90 Ohms
5652S02537P	Jr. snap-on T/S 0-90 Ohms (RV / ASME applications)
5634S02540P	Jr. T/S 0-90 Ohms (used on 7341)
5813S02637P	Jr. T/S 0-90 Ohms (used on 7344)
5652S02798P	Jr. snap-on T/S 0-90 Ohms (full at 80% usable)
5628S02798P	Jr. T/S 0-90 Ohms (full at 80% usable)
5650S02548P	Jr. T/S 5-160 Ohms
5663S02527P	Jr. T/S 20-150 Ohms
5943S02527P	Jr. snap-on T/S 20-150 Ohms with bare lead wires
5752S02599	Jr. T/S 40-240 Ohms with bare lead wires
5945S02599	Jr. snap-on T/S 40-240 Ohms with bare lead wires
5630S02851P	Jr. T/S 70-10 Ohms with bare lead wires
5638S02542P	Jr. T/S 105-10 Ohms with bare lead wires
5827S02649P	Jr. T/S 220-20 Ohms with bare lead wires
5705S02581P	Jr. T/S 300-10 Ohms with bare lead wires

Squibb Taylor Sender

Part no.	Description
2646	90 Ohm
2645	70-10 Ohm



Universal Dial Kit

For old, obsolete Junior or Senior gauges. Fits any LPG float gauge ever built.

Part no.	Description
31-80	Dial kit, Senior
31-81	Dial kit, Junior



31-80

Fuel Gauge

2" Electric jeweled D'Arsonval movement with zener voltage control. For 90 ohm sender. With light and wire.

Part no.	Description
2C7-3	Fuel Gauge



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Prices subject to change without notice. Some items may not be in stock at all warehouses or may be special order. Please check with TEECO.

Fuel Pump Plates

Fuel pump blockoff plates include gasket.



622

Part no.	Description
622	1 3/4" bolt centers, 7/16" thick, zinc

LPG Filter/Fuelocks

IMPCO VFF30 Series

Vacuum fuellock-filter, 325 HP, for LP-Gas.

Part no.	Description
VFF30-2	Vacuum fuellock filter
VFF30-20-2	Vacuum fuellock filter with solenoid cover
AF1-10	Filter pad and gasket for VFF30



Beam Garretson Model FL-218

LP-Gas filter and 12V solenoid lockoff. 0.073" port for up to 200 CID applications. 1/4" MPT x 1/4" FPT.

Part no.	Description
FL-218-12V	12V filterlock



LPG Lockoffs

Model STF

12 Volt solenoid lockoff. 312 PSI capacity. 0.250" orifice. Available in LPG or gasoline models. UL listed.

Part no.	Description
7007A-12V-0	LPG lockoff, 90°
7008A-12V-0	LPG lockoff, straight



LPG Filters

Inline Filters

Part no.	Description
PF-0532	Filter Trap



Switches

Part no.	Description
5586	3-way, 3-pole switch



Adapters

1206-C

Mounting pad drilled for wide base duplex with stud spacing 5 1/8" x 3 15/32" . 1/4" NPT vacuum outlet.

Part no.	Description
1206-C	Adapter, fits all 4-bolt manifolds



LP-Gas Properties

Based on commercial quality. Figures represent average values.

	Propane	Butane
Formula	C3H8	C4H10
Boiling point F.	-44°	32°
Specific gravity - gas (air = 1.00)	1.53	2.00
Specific gravity - liquid (water = 1.00)	0.51	0.58
Lbs./gallon - liquid @ 60°F.	4.24	4.81
BTU/gallon - gas @ 60°F.	91690	102032
BTU/lb. - gas	21591	21221
BTU/ft. ³ - gas @ 60°F.	2516	3280
Ft. ³ of vapor @ 60°F./gal. of liquid @ 60°F.	36.39	31.26
Ft. ³ of vapor @ 60°F./lb. of liquid @ 60°F.	8.547	6.506
Latent heat of vaporization @ boiling point BTU/gal.	785.0	808.0
Combustion data:		
Ft. ³ air required to burn 1 ft. ³ gas	23.86	31.02
Flash point, F.	-156	N.A.
Ignition temperature in air, F.	920-1020	900-1000
Maximum flame temperature in air, F.	3595	3615
Limits of inflammability % of gas in air mixture:		
At lower limit - %	2.4	1.9
At upper limit - %	9.6	8.6
Octane number (ISO-octane=100)	100+	92

Converting Volumes of Gas

(CFH to CFH or CFM to CFM)

Multiply Flow of	By	To Obtain Flow Of
Air	.707 1.290.808	Butane Natural Gas Propane
Butane	1.414 1.826 1.140	Air Natural Gas Propane
Natural Gas	.775 .547.625	Air Butane Propane
Propane	1.237 .874 1.598	Air Butane Natural Gas

Vaporization Rate

This chart shows the vaporization rate of 100 Lb. propane cylinders in terms of the temperature of the liquid and the wet surface area of the container. When the temperature is lower or the container has less liquid in it, vaporization rate is lower.

Lbs. Of Propane	Maximum Continuous Draw in BTU/Hr.				
	0° F.	20° F.	40° F.	60° F.	70° F.
100	113,000	167,000	214,000	277,000	300,000
90	104,000	152,000	200,000	247,000	277,000
80	94,000	137,000	180,000	214,000	236,000
70	83,000	122,000	160,000	199,000	214,000
60	75,000	109,000	140,000	176,000	192,000

Conversion Units

Multiply	By	To Obtain
Pressure		
Atmospheres	14.70	pounds per square inch
Atmospheres	407.14	inches water
Inches of mercury	1.133	feet of water
Inches of mercury	.4912	pounds per square inch
Inches of water	.0735	inches of mercury
Inches of water	5.204	pounds per square foot
Inches of water	.0361	pounds per square inch
Inches of water	.5781	ounces per square inch
Pounds per square inch	06804	atmospheres
Pounds per square inch	2.036	inches of mercury
Pounds per square inch	2.307	feet of water
Pounds per square inch	27.67	inches of water
Metric		
Atmospheres	1.0332	kilograms per sq. centimeter
Grams per sq. centimeter	.0142	pounds per square inch
Kilograms per sq. centimeter	14.22	pounds per square inch
Kilograms per square meter	.2048	pounds per square foot
Pounds per square inch	.07031	kilograms per sq. centimeter

Vapor Pressures of LP-Gas

Temp (°F)	Approximate Pressure (PSIG)	
	Propane	Butane
-40	3.6	
-30	8.0	
-20	13.5	
-10	20.0	
0	28.0	
10	37.0	
20	47.0	
30	58.0	
40	72.0	3.0
50	86.0	6.9
60	102.0	11.5
70	120.0	16.5
80	140.0	22.0
90	165.0	29.0
100	190.0	37.0
110	220.0	46.0

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Q1

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Pressure Relief Valves

Inspection, Testing and Replacement

All relief valves should regularly be inspected to check for contamination and corrosion. If any debris in the valve cannot be totally removed or there is evidence of contamination, the valve must be replaced. Always wear eye protection when examining relief valves under pressure. Never look directly into a relief valve under pressure. NFPA Pamphlet 58, Appendix D, recommends that relief valves on containers of more than 2000 gallons water capacity be tested at approximately 10 year intervals.

Small relief valves used on small DOT cylinders and small ASME tanks should be inspected each time the container is filled and be replaced at least every 10 years. The compact design, high pressure settings, and aging of the synthetic rubber seat discs could result in erratic operation of the valve after a number of years.

Protective Caps

All relief valves must be continuously protected by proper fit-

ting protective caps. Ice, mud, debris and contamination can prevent the valve from opening or, if the valve opens, can prevent the valve from resealing properly. NFPA Pamphlet 58 requires the continuous use of protective caps.

Flow Rate Restriction

Flow rates in the charts are for bare relief valves. The addition of deflectors, pipe-away adapters and piping will restrict the flow. To properly protect any container, the total system flow must be sufficient to relieve pressure at the pressure setting of the relief valve in accordance with the codes.

Short adapters and deflectors designed by RegO® for use with specific valves will restrict the flow only 2 to 5%. **Use only RegO adapters on RegO valves.**

Adapters with sharp 90° turns will reduce flow dramatically.

These should never be used because they can cause the relief valves to chatter and eventually destroy themselves. Long pipeaways with several changes of direction can reduce flow substantially. For more information consult Teeco.

Excess Flow Valves

Periodical Inspections for Excess Flow Valves

Excess flow valves should be tested and proven at the time of installation and at periodic intervals not to exceed one year.

CAUTION: Testing an excess flow valve in the summer when tank pressures are high will not prove that the same valve will also function under low pressure conditions in the winter. Once a year testing should be conducted during the winter. The tests should include a simulated break in the line by the quick opening of a shut-off valve at the farthest point in the piping the excess flow valve is intended to protect. If the excess flow valve closes under these conditions, it is reasonable to assume that it will close in the event of accidental breakage (clean break) of the piping at any point closer to the excess flow valve.

National LP-Gas Association Safety Bulletin Number 113-78 States: "In order to test an excess flow valve in a piping system, the flow through the valve must be made to exceed the valve's closing rating. This testing should only be attempted by trained personnel familiar with the process. If no one at the facility has experience in proper testing, outside expert help should be obtained. The exact procedure used may vary with the installation, advisability of gas discharge and availability of equipment. "In general, most testing makes use of the fact that excess flow valves are 'surge sensitive' and will close quicker under sudden, flow surge than under steady flow. A sufficient surge can often be created by using a quick open/close valve to control sudden, momentary flow into a tank or piping section containing very low pressure. An audible click from the excess flow valve (and corresponding stoppage of flow) indicates its closure.

"A test involving venting gas to the atmosphere is hazardous and may be impractical or illegal.

"Any test of any excess flow valve will not prove that the valve will close in an emergency situation. This test will only check the valve's condition and the flow rate sizing for those test conditions."

An Explanation and Warning

An excess flow valve is a spring-loaded check valve which will close only when the flow of fluid through the valve generates sufficient force, or differential pressure, to overcome the power of the spring holding it open. Each valve has a closing rating in gallons per minute and CFH/air.

The selection of a proper closing rating is critical. It requires a technical understanding of the flow characteristics of the piping system, including restrictions of the piping and other valves and fittings downstream of the excess flow valve.

System designers and operating people must understand why an excess flow valve, which remains open in normal operations, may fail to close when an accident occurs. **Warning:** A downstream break in piping or hoses may not result in sufficient flow to close the valve.

Proper Installation

Since excess flow valves depend on flow in order to close, the line downstream of the excess flow valve should be large enough not to excessively restrict the flow. If the piping is too small, unusually long, or restricted by too many elbows, tees and other fittings, consideration should be given to the use of larger size pipe fittings.

An excess flow valve in a pump suction line cannot be expected to close in the case of a clean break in the line beyond the pump, as the pump constitutes too great a restriction, even if running.

Good piping practice dictates the selection of an excess flow valve with a rated closing flow of approximately 50 percent greater than the anticipated normal flow. This is important because valves which have a rated closing flow very close to the normal flow may chatter or slug closed when surges in the line occur during normal operation, or due to the rapid opening of a control valve.

All installations must be in accordance with NFPA standards 54 and 58, as well as state, provincial and local regulations.

Q2

Ducting

Furnace Selection and Extended Plenum Duct Sizing

The size of the extended plenum (use standard duct) is as shown when the furnace is located:

Heat Load (BTU)	Located One End of Building	Building Divided 1/3 and 2/3	Furnace Middle Of Building
0-56,000	14 x 8	10 x 8 & 10 x 8	(2) 10 x 8
57-80,000	16 x 8	10 x 8 & 12 x 8	(2) 10 x 8
81-108,000	22 x 8	10 x 8 & 14 x 8	(2) 12 x 8
109-132,000	26 x 8	10 x 8 & 16 x 8	(2) 16 x 8
133-160,000	30 x 8	12 x 8 & 22 x 8	(2) 16 x 8

NOTE: If air conditioning is to be used at the present or in the future, the cooling load must be computed and duct size selected on the basis of the larger size indicated, shown below.

Maximum Applicable Cooling Unit

The size of the extended plenum in inches is as shown when the cooling unit is located:

Cooling Load	Blower Capacity (CFM)	Located One End of Building	Building Divided 1/3 and 2/3	Located Middle Of Building
0 - 24,000	2 Ton (720)	16 x 8	10 x 8 & 12 x 8	(2) 10 x 8
25-36,000	3 Ton (1080)	22 x 8	10 x 8 & 14 x 8	(2) 12 x 8
37-60,000	5 Ton (1800)	30 x 8	12 x 8 & 22 x 8	(2) 16 x 8

Return Grille and Return Duct Sizing

Single return. Use **one** of size shown.

Furnace Output (BTU)	Grill Size in Free Area	Duct Size
to 56,000	216 sq. in.	16" x 8" or 1 joist space
to 80,000	270 sq. in.	16" x 8" or 2 joist spaces
to 108,000	405 sq. in.	26" x 8" & 10" x 8" or 2 joist spaces
to 132,000	450 sq. in.	30" x 8" or 2 joist spaces
to 160,000	540 sq. in.	(2) 20" x 8" or 3 joist spaces

Two returns. Use **two** of size shown.

Furnace Output (BTU)	Grill Size in Free Area	Duct Size
to 56,000	108 sq. in.	16" x 8" or 1 joist space
to 80,000	162 sq. in.	16" x 8" or 2 joist spaces
to 108,000	216 sq. in.	26" x 8" or 2 joist spaces
to 132,000	244 sq. in.	30" x 8" or 2 joist spaces
to 160,000	285 sq. in.	(2) 20" x 8" or 3 joist spaces

NOTE: When multiple returns are used, a preferred return system provides for a return from each room (except that air usually is not returned from the kitchen or bathrooms).

In the return system maintain air volume equal to or greater than air volume of the supply duct system, and use same duct sizing as for single or two-return system.

Orifice Capacities for LP-Gas

An orifice chart can only be a guide because of varying temperatures and barometric pressures from day to day in various localities. From the below drill sizes, it may be necessary to make adjustments for the most satisfactory operating conditions.

Rates based on 2500 BTU/ft.³, manifold pressure 10.5" water column.

Wire Gauge Drill Size	Rate Ft. ³ /hr.	
80	.49	1250
79	.57	1454
78	.69	1760
77	.87	2219
76	1.06	2703
75	1.20	3060
74	1.37	3494
73	1.56	3978
72	1.70	4335
71	1.83	4667
70	2.14	5457
69	2.31	5891
68	2.60	6630
67	2.78	7089
66	2.97	7574
65	3.35	8543
64	3.52	8976
63	3.72	9486
62	3.92	9996

Wire Gauge Drill Size	Rate Ft. ³ /hr.	
61	4.15	10,583
60	4.35	11,093
59	4.57	11,654
58	4.80	12,240
57	5.08	12,954
56	5.90	15,045
55	7.37	18,794
54	8.23	20,987
53	9.61	24,506
52	10.92	27,835
51	12.23	31,187
50	13.32	33,966
49	14.45	36,848
48	15.70	40,035
47	16.78	42,789
46	17.75	45,263
45	18.31	46,961
44	20.10	51,255
43	21.55	54,953

Wire Gauge Drill Size	Rate Ft. ³ /hr.	
42	23.87	60,869
41	25.00	63,750
40	26.10	66,555
39		72,600
38		79,775
37		85,900
36		98,650
35		110,560
34		117,850
33		124,440
32		132,500
31		137,370
30		144,540
29		155,000
28		177,600
27		198,000
26		212,160
25		223,200
24		232,560

Wire Gauge Drill Size	Rate Ft. ³ /hr.	
23		240,520
22		248,640
21		255,200
20		265,240

Altitude Corrections

The specifications shown on this chart for orifice sizes are pressures from sea level to approximately 3500 ft. above sea level. For altitudes from 3500 ft. to 5000 ft., use one drill size larger, (approximately .002" dia.). From 5000 ft. to 6500 ft., use two drill sizes larger, (approximately .004" dia.). Above 6500 ft., use two or three drill sizes larger.

Q3

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Paint Specifications

Coverage Data

Square foot coverage varies because of difference in the solids content of each product required to obtain necessary dry film thickness.

Surface protection is directly related to care in preparation before painting and the dry film thickness of coating. A minimum of 4.5 mils on exterior of tanks and spreaders is required.

Excessive "sweating" of tanks and unusual damp environment requires greater depth of the paint film to retard water in the form of vapor from reaching the surface beneath.

LP-Gas Tanks

Allow for paint lost or wasted during spray application, usually 15%. Products and amounts required shown in gallons.

Anhydrous Ammonia Tanks - Exterior

Tank Gallons	Sq. Ft.	L-1920	-146	-150
30,000	2,000	8 gallons	8 gallons	8 gallons
18,000	1,250	5 gallons	5 gallons	6 gallons
12,000	1,160	4½ gallons	4½ gallons	4½ gallons
1,000	225	1 gallon	1 gallon	1 gallon
350	80	3 per gallon	3 per gallon	3 per gallon
Coverage (sq. ft./gal.)		300	315	300

LP-Gas Tanks

Tank Gallons	Sq. Ft.	5LV	S-7LV	-146	-150	1000	1151	L-122LV	Equipment Enamels
30,000	2,000	8 gallons	8 gallons	8 gallons	8 gallons	7 gallons	7 gallons	7 gallons	Depends upon kind of surface
18,000	1,250	6 gallons	6 gallons	6 gallons	6 gallons	5 gallons	5 gallons	5 gallons	
12,000	1,160	5 gallons	5 gallons	5 gallons	5 gallons	4 gallons	4 gallons	4 gallons	
1,000	225	1 gallon	1 gallon	1 gallon	1 gallon	1 gallon	1 gallon	1 gallon	
500	116	2 per gallon	2 per gallon	2 per gallon	2 per gallon	3 per gallon	3 per gallon	3 per gallon	
250	56.6	4 per gallon	4 per gallon	4 per gallon	4 per gallon	6 per gallon	6 per gallon	6 per gallon	
100 lb. cyl.		18 per gallon	18 per gallon			22 per gallon	22 per gallon	20 per gallon	
Coverage (sq. ft./gal. @ 1 mil) ⁷		755	755	800	660	645	585	855	862
Dry film thickness (mils)		2.3	2.3	2.3	2.2	1.25	1.0	3.0	1.8-2.2

Wire Sizing

This wire size diagram shows wire size requirements for given horsepower at various wire lengths and voltages for single phase circuits.

When considering 3-phase circuits, it is safe to assume that the horsepower may be increased to double the amount shown for 230 volt single phase for each wire size at the various given lengths.

Wire Size For 115 & 230 Volt Single Phase Circuits								
Distance-Motor To Fuse Or Meter Box-Feet								
Motor	100 ft		200 ft		300 ft		500 ft	
	115V	230V	115V	230V	115V	230V	115V	230V
1/4	#14	#14	#10	#12	#8	#10	#6	#8
1/3	#12	#14	#10	#12	#6	#10	#4	#8
1/2	#10	#12	#8	#10	#6	#8	#4	#6
3/4	#10	#12	#6	#10	#4	#8	#2	#6
1	#8	#10	#6	#8	#4	#6		#4
1 1/2	#4	#10	#4	#8		#6		#4
2		#8		#6		#4		#2
3		#8		#6		#4		#2
5		#6		#4		#2		#0

Tap Drill Sizes

Machine Screw Sizes	Drill
0-80	3/64"
1-56	54
1-64	53
1-72	53
2-56	50
2-64	50
3-48	47
3-56	45
4-32	45
4-36	44
4-40	43
4-48	42
5-36	40
5-40	38
5-44	37
6-32	36
6-36	34
6-40	33
7-30	31
7-32	31
7-36	1/8"
8-30	30

Machine Screw Sizes	Drill
8-32	29
8-36	29
8-40	28
9-24	29
9-30	27
9-32	26
10-24	25
10-28	23
10-30	22
10-32	21
12-24	16
12-28	14
12-32	13
14-20	10
14-24	7
16-18	3
16-20	7/32"
16-22	2
18-18	B
18-20	D
20-16	G
20-18	17/64"

Machine Screw Sizes	Drill
20-20	I
22-16	9/32"
22-18	L
24-16	5/16"
24-18	O
26-14	21/64"
26-16	R
28-14	T
28-16	23/64"
30-14	V
30-16	25/64"

Bolt Threads Size	Drill
1/16"-64	3/64
5/64"-60	1/16"
3/32"-48	49
7/64"-48	43
1/8"-32	3/32"
1/8"-40	38

Bolt Threads Size	Drill
9/64"-40	32
5/32"-32	1/8"
11/64"-32	9/64"
3/16"-24	26
3/16"-32	22
13/64"-24	20
7/32"-24	16
15/64"-24	10
1/4"-20	7
1/4"-28	3
5/16"-18	F
5/16"-24	1
3/8"-16	5/16"
3/8"-24	Q
7/16"-14	V
7/16"-20	25/64"
1/2"-12	27/64"
1/2"-13	27/64"
1/2"-20	29/64"
9/16"-28	1/64"
9/16"-18	33/64"

Bolt Threads Size	Drill
5/8"-11	17/32"
5/8"-18	37/64"
11/16"-11	19/32"
11/16"-16	5/8"
3/4"-10	21/32"
3/4"-16	1/16"
13/16"-10	23/32"
7/8"-9	49/64"
7/8"-14	13/16"
15/16"-9	53/64"
1"-8	7/8"
1"-14	15/16"
11/8"-7	63/64"
11/8"-12	13/64"
1 1/4"-7	17/64"
1 1/4"-12	111/64"
13/8"-6	113/64"
13/8"-12	118/64"
1 1/2"-6	111/32"
1 1/2"-12	127/64"
15/8"-5 1/2	127/64"

Bolt Threads Size	Drill
13/4"-5	19/16"
17/8"-5	111/16"
2"-4 1/2	125/32"

Pipe Thread Sizes	Drill
1/8"-27	11/32"
1/4"-18	7/16"
3/8"-18	37/64"
1/2"-14	23/32"
3/4"-14	59/64"
1"-11 1/2	15/32"
1 1/4"-11 1/2	1 1/2"
1 1/2"-11 1/2	147/64"
2"-11 1/2	27/32"
2 1/2"-8	25/8"
3"-8	3 1/4"
3 1/2"-8	3 3/4"
4"-8	4 1/4"

Calculated Data

Diameter (Inches)	Circumference	Area (Sq. Inches)
2	6.283	3.141
3	9.424	7.068
4	12.56	12.566
5	15.70	19.635
6	18.84	28.274
7	21.99	38.484
8	25.13	50.265
9	28.27	63.617
10	31.41	78.539
12	37.69	113.09
14	43.98	153.93
16	50.26	201.06
18	56.54	254.46
20	62.83	314.16
22	69.11	380.13
24	75.39	452.39
26	81.68	530.93
28	87.96	615.75
30	94.24	706.86
32	100.5	804.24
34	106.8	907.92
36	113.0	1017.8
38	119.3	1134.1
40	125.6	1256.6

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Formulas

Diameter multiplied by 3.1416 = circumference.
Circumference multiplied by .3183 = diameter.
Radius multiplied by 6.2831 = circumference.
Square of the diameter multiplied by .7854 = area.
Diameter multiplied by .8862 = side of equal square.
Area of rectangle = length multiplied by breadth.
Doubling the diameter of a circle increases its area four times.
Doubling the diameter of a circle multiplies the circumference by 2.
Side of a square multiplied by 1.128 = diameter of a circle of equal area.
Surface of a sphere = diameter multiplied by 3.1416.
Area of a triangle equals base multiplied by one-half the altitude.
Area of a sector of a circle equals one-half the length of the arc multiplied by the radius of the circle.

Thread Specs - Inlet Connections

NGT and NPT Threads

The NGT (National Gas Taper) thread is the commonly used valve-to-cylinder connection. The male thread on the valve has about two more threads at the large end than the NPT in order to provide additional fresh threads if further tightening is necessary. Additionally, the standard 3/4" NGT valve inlet provides the greater tightness at the bottom of the valve by making the valve threads slightly straighter than the standard taper of 3/4" per foot in NPT connections. In all other respects NPT and NGT threads are similar.

Thread Specs - Outlet Connections

The CGA (Compressed Gas Association) outlets are standard for use with various compressed gases. The relation of one of these outlets to another is fixed so as to minimize undesirable connections. They have been so designed to prevent the interchange of connections which may result in a hazard.

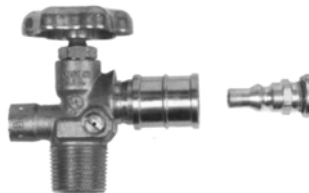
Type I Outlet

This connection is designed to mate with either a 1-15/16" Female ACME or a Male POL (CGA510). It complies with the ANSI Z21.58 Standard for Outdoor Cooking Appliances and the Can/CGA-1.6 Standard for Container Corrections. A back check assembly in the outlet is designed to prevent gas flow until a leak free connection is made with an inlet adapter. These standards apply to barbecue grill cylinders manufactured after October, 1994.



Type II Outlet

This connection is designed to mate with the Quick Connect Male plug that complies with the ANSI Z21.58 Standard for Outdoor Cooking Appliances and the Can/



CGA-1.6 Standard for Container connections. A back check assembly in the outlet is designed to prevent gas flow until a leak free connection is made with the inlet adapter. These standards apply to barbecue grill cylinders manufactured after October, 1994.

3/8"-18 NPT Thread Connection

This connection also is used for vapor or liquid withdrawal. It has a 3/8" diameter thread, and 18 threads per inch, National Pipe Taper Outlet form.

CGA 182, or SAE Flare

This connection assures a leak-tight joining of copper tubing to brass parts without need for brazing or silver soldering. The common size used on LP-Gas valves and fittings is 3/8"

SAE (Society of Automotive Engineers) flare. Although this connection is referred to as a 3/8", because 3/8" O.D. tubing is used, the thread actually measured 5/8".

The specifications are .625—18 UNF—2A-RH-EXT, which means .625" diameter thread, 18 threads per inch, Unified Fine Series Class 2 Tolerances, right-hand, external thread.

CGA 555

CGA 555 is the standard cylinder valve outlet connection for liquid withdrawal of butane and/or propane. Thread specification is .903"—14 NGO—LH—EXT, which means .903" diameter thread, 14 threads per inch, National Gas Outlet form, left-hand external thread.



CGA 510 or POL

Most widely used in this industry, POL is the common name for the standard CGA 510 connection. Thread specification is .885"—14 NGO-LH-INT, meaning .8852880 3450 diameter thread, 14 threads per inch, National Gas Outlet form, left-hand internal thread. RegO POL outlet connections for LP-Gases conform to this standard.



Purging Containers

A very important step which is often overlooked by LP-Gas dealers is the importance of properly purging new LP-Gas containers. Attention to this important procedure will promote customer satisfaction and greatly reduce service calls on new installations.

Both ASME and DOT specifications require hydrostatic testing of vessels after fabrication. This is usually done with water. Also, before charging with propane, the vessel will contain the normal amount of air. Both water and air are contaminants and they seriously interfere with proper operation of the system and connected appliances. If not removed, they will result in costly service calls and needless expense far exceeding the nominal cost of proper purging.

Q6

Container Flanged Installation

The opening in the tank flange should be machined with a 1/4"-45° chamfer at the outer edge. The thread should be tapped one or two turns large as checked by a plug gauge. This and the undersize thread on the valve should permit the valve to be installed so that its outer face is at least flush with the outer edge of the flange. The valve is screwed into this opening by fitting a 1/4" flat metal piece into the slot and turning until hand tight. A lubricant may be used, but a cutting compound is not necessary since this joint does not have to be gas tight. If any difficulty is experienced in "making up" the valve to fit flush, as indicated, the thread in the tank flange can be tapped. Design and construction of tank and flange must be in accordance with the appropriate section of the ASME Pressure Vessel Code.

Flanged Installation Dimension Specifications

Key	Description	A3400L4 A3500L4 A3500N4 A3500P4	A3400L6 A3500R6 3500T6 A3500V6	A4500Y8
A	Valve size (NPT)	2"	3"	4"
B	Tank opening	3-1/2"	4-1/2"	5-1/2"
C	Thickness (min.)	1"	1 1/4"	1-3/8"
D	Outside diameter	6-1/2"	8 1/4"	10"
E	Pipe Thread (NPT)	2"	3"	4"
F	Bolt Circle Dia./# Holes	5" (8)	6-5/8" (8)	7-7/8" (8)
G	Bolt Hole Thread	5/8"-11NC-2	3/4"-10NC-2	3/4"-10NC-2
H	Bolt Hole Depth	3/4"	1"	1-1/8"

Discharge Chart

Chart A — Minimum Required Rate of Discharge for LP-Gas Pressure Relief Valves Used on ASME Containers

From NFPA Pamphlet #58, Appendix D (1986).

Minimum required rate of discharge in cubic feet per minute of air at 120% of the maximum permitted start-to-discharge pressure for pressure relief valves to be used on containers other than those constructed in accordance with Interstate Commerce Commission specification.

Surface Area Sq. Ft.	Flow Rate CFM Air	Surface Area Sq. Ft.	Flow Rate CFM Air	Surface Area Sq. Ft.	Flow Rate CFM Air	Surface Area Sq. Ft.	Flow Rate CFM Air	Surface Area Sq. Ft.	Flow Rate CFM Air	Surface Area Sq. Ft.	Flow Rate CFM Air	Surface Area Sq. Ft.	Flow Rate CFM Air
20 or less	626	85	2050	150	3260	230	4630	360	6690	850	13540	1500	21570
25	751	90	2150	155	3350	240	4800	370	6840	900	14190	1550	22160
30	872	95	2240	160	3440	250	4960	380	7000	950	14830	1600	22740
35	990	100	2340	165	3530	260	5130	390	7150	1000	15470	1650	23320
40	1100	105	2440	170	3620	270	5290	400	7300	1050	16100	1700	23900
45	1220	110	2530	175	3700	280	5450	450	8040	1100	16720	1750	24470
50	1330	115	2630	180	3790	290	5610	500	8760	1150	17350	1800	25050
55	1430	120	2720	185	3880	300	5760	550	9470	1200	17960	1850	25620
60	1540	125	2810	190	3960	310	5920	600	10170	1250	18570	1900	26180
65	1640	130	2900	195	4050	320	6080	650	10860	1300	19180	1950	26750
70	1750	135	2990	200	4130	330	6230	700	11550	1350	19780	2000	27310
75	1850	140	3080	210	4300	340	6390	750	12220	1400	20380		
80	1950	145	3170	220	4470	350	6540	800	12880	1450	20980		

Surface area = Total outside surface area of container in square feet.

When the surface area is not stamped on the name plate or when the marking is not legible, the area can be calculated by using one of the following formulas:

1. Cylindrical container with hemispherical heads. Area (in sq. ft.) = overall length (ft.) x outside diameter (ft.) x 3.1416.
2. Cylindrical container with semi-ellipsoidal heads. Area (in sq. ft.) = overall length (ft.) + .3 outside diameter (ft.) x outside diameter (ft.) x 3.1416.
3. Spherical container. Area (in sq. ft.) = outside diameter (ft.) squared x 3.1416.

Flow Rate CFM Air = Required flow capacity in cubic feet per minute of air at standard conditions, 60°F. and atmospheric pressure (14.7 psia).

The rate of discharge may be interpolated for intermediate values of surface area. For containers with total outside surface area greater than 2000 square feet, the required flow rate can be calculated using the formula, Flow Rate—CFM Air = 53.632 A^{0.82}. Where A = total outside surface area of the container in square feet.

Valves not marked "Air" have flow rate marking in cubic feet per minute of liquefied petroleum gas. These can be converted to ratings in cubic feet per minute of air by multiplying the liquefied petroleum gas ratings by the factors listed below. Air flow ratings can be converted to ratings in cubic feet per minute of liquefied petroleum gas by dividing the air ratings by the factors listed below.

Air Conversion Factors

Container Type	100	125	150	175	200
Air Conversion Factor	1.162	1.142	1.113	1.078	1.010

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