

REFRIGERANT RECOVERY PRODUCTS

PARKER REFRIGERANT RECOVERY PRODUCT

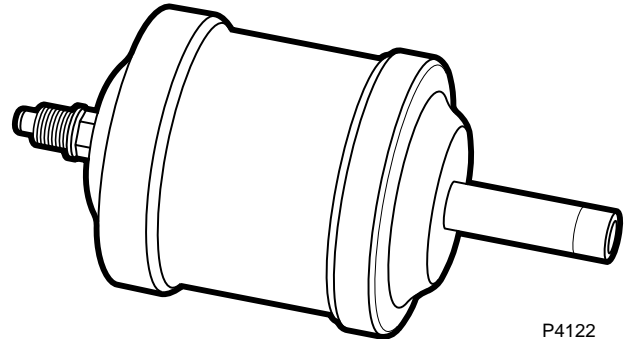
Parker provides a large selection of components for recovery, recycle and reclaim machines, protecting them from the many types of contaminants that are encountered during the servicing of systems.

PF Series

The PF 052 & PF 052MF are designed to provide a filtration level of 15 microns. When installed on the inlet of your machine it can prevent costly damage by filtering solid contaminants out of the refrigerant before it enters your machine. The Parker pre-filter is for temporary use only and should be changed after servicing a maximum of six to eight systems. Change out may be needed sooner depending on actual system conditions. Various fitting combinations are available.

Key Features and Benefits

- Female outlet fitting allows direct mounting to the machine.
- Extended female end fitting provides valve handle clearance.
- Male-to-male fittings allow connection to or between hoses.
- Enlarged depth filtering area.
- UL listed/CSA certified.



Model	Inlet (in.)	Outlet (in.)
PF 052	1/4 SAE male flare	1/4 SAE male flare
PF 052MF	1/4 SAE male flare	1/4 SAE female flare

SPD Series

The SPD series is an enlarged version of the PF Series with drying capabilities. This Super Pre-Filter-Dryer should be installed at the inlet of the machine and used where there are concentrations of contaminants in the refrigerant. Moisture capacity of this unit size exceeds anything else currently available in the market. The Super SPD series is the ideal solution when transferring large amounts of refrigerant for reclaim or recycle.

Key Features and Benefits

- Super high capacity for acid and moisture removal.
- Removes 504 drops of moisture vs. industry standard of 150 drops.
- Available with either 1/4" SAE or 3/8" SAE flare connections.
- Compatible with all HCFC, CFC and other refrigerants and blends.



Model	Inlet (in.)	Outlet (in.)
SPD-162	1/4 SAE male flare	1/4 SAE male flare
SPD-162MF	1/4 SAE male flare	1/4 SAE female flare
SPD-163	3/8 SAE male flare	3/8 SAE male flare

LP Gas Filter

Additives to LP gas can cause scaling and flaking of copper and aluminum tubing over a period of time. The Parker LP Gas Filter effectively removes these contaminants

Key Features and Benefits

- Special paint meets U.L. requirements for gas appliances.

(For LP Gas Filter, consult factory for inlet/outlet data and part numbers.)

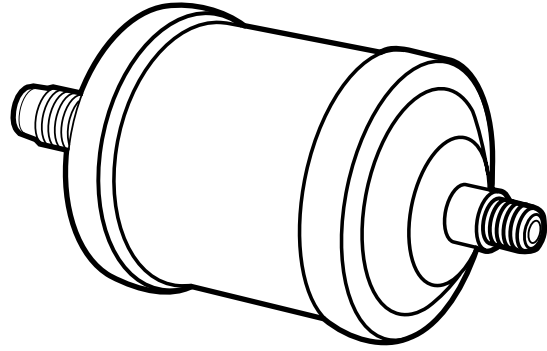
REFRIGERANT RECOVERY PRODUCTS

PARKER PRD-3 SERIES

Specifically designed for OEM recovery units that require 3/8" flare connections and a larger cross sectional filter area. The PRD-3 filter dryer meets or exceeds OEM specifications providing both value and efficiency.

Key Features and Benefits

- High acid and high moisture capacity.
- Enlarged filtration area.
- 3/8" SAE male flare fittings on both ends.
- Drop in replacement for ASD-28F3 or KH45LD010.
- Compatible with all HCFC, CFC and other refrigerant blends.



P4124

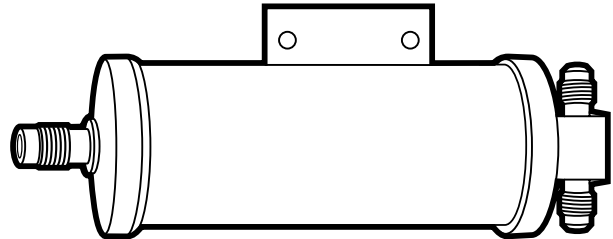
Model	Inlet (in.)	Outlet (in.)
PRD-3	3/8 SAE male flare	3/8 SAE male flare

Oil Vapor Dryer Separator

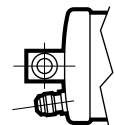
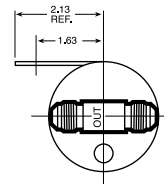
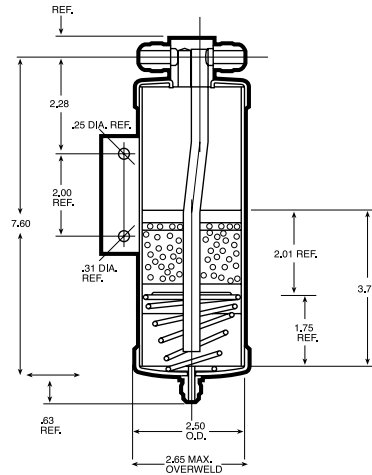
The Parker Vapor Dryer Separator (VDS Series) removes contaminated oil from a system in addition to solids, acid and moisture. A 1/4" SAE oil drain access fitting is located on the bottom to provide a continuous means of measuring the amount of oil removed from a system, thereby indicating the amount needed to be replaced. The VDS holds up to four ounces of oil and is reusable for up to 50 pounds of refrigerant, depending upon contamination levels. For rigid or secure mounting, a side bracket is welded to the body. The VDS can also be hung from a manifold gauge set with the wire strap provided. A model is available with coalescing element for improved oil separation.

Key Features and Benefits

- Oil removal drain fitting.
- Acid and moisture removal.
- 3/8" SAE male flare fittings.
- Inlet access valve fitting.
- Mounting bracket.



P4125



P4126

PART NO.	MODEL	CONNECTIONS	CTN QTY	CTN WT
031868-00	PF052	1/4-in. SAE Male	25	26.0
031869-00	PF052MF	1/4-in. SAE Male x Female	25	26.0
088269-02	VDS	3/8-in. SAE Male	1	2.75
031889-00	PRD3	3/8-in. SAE male	12	36.0
070276-02	SPD162	1/4-in. SAE Male	25	37.3
070276-01	SPD162MF	1/4-in. SAE Male x Female	25	37.3
070276-03	SPD163	3/8-in. SAE male	25	39.8
085552-03	302V	1/4-in. SAE Male	10	36.4
085638-01	304V	1/2-in. SAE Male	10	36.4

DRYER CORES

PARKER FILTER DRYER CORES

Z-48 Super High Capacity Core

Most highly recommended for use with POEs. Formulated for use with the new refrigerants, blends and synthetic polyolester oils. For hi-moisture, acid, sludge and particulate removal. The Z-48 has 3 times the moisture capacity of standard cores.

PCX-48 High Capacity Gold Label Core

For use in either liquid or suction line applications, the PCX-48 offers significantly higher moisture and acid capacity than standard cores. For systems with excessive moisture concerns and polyolester oils.

PCK-48 Burnout/Clean-up Core

For use in either liquid or suction line applications, the PCK-48 is formulated for burn-outs where wax is not the issue. It also provides general clean-up of acids, varnishes, sludge and moisture.

PCK-48HH Charcoal Burnout Core

Formulated with charcoal to remove wax on low temperature systems even before problems occur. The PCK-48HH can be used in either liquid or suction line applications and also removes acids, water, solids and sludge. Recommended for refrigerant reclaim/recovery units.

PCK-100 High Capacity Core

For use in either liquid or suction line applications, the PCK-100 provides the lowest pressure drop possible while retaining high filter capacity. The PCK-100 offers high water and acid capacities to assure fast system clean-up. Ideal for corrective or preventative maintenance programs.

PFE-48BF Parker Filter Element

For use in filtering out solid contaminants. Suitable for bi-directional applications, this filter features low pressure drop and filtration capabilities down to 10 microns. It is also interchangeable with other manufacturers' filters.



P4101

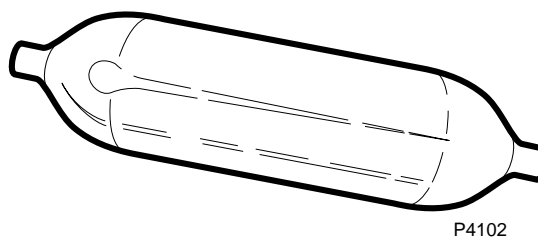
PART NO.	MODEL	SIZE	CTN QTY	CTN WT.
031811-00	PCX-48	48 cu in.	12	23.10
031812-00	PCK-48HH	48 cu in.	12	23.10
031810-00	PCK-48	48 cu in.	12	23.10
031367-00	PCK-100	100 cu in.	4	13.30
031858-00	PFE48-BF	48 cu in.	12	8.00
031919-00	Z48	48 cu in.	12	23.10

COPPER DRIERS

PARKER SPUN COPPER DRIERS

Key Features & Benefits

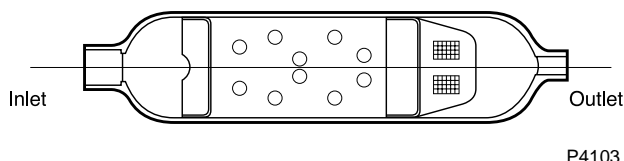
- 100% molecular sieve beads for max water capacity.
- Spun copper shells and ends for easy solder installation.
- Brass or stainless steel screen material for corrosion resistance and maximum contaminant removal.
- Perforated baffle support plate ensures rigid containment of molecular sieve.
- UL recognized components. File #SA8570 CSA LR87950.
- Available in a variety of inlet and outlet sizes.
- One and two inlets are available as well as cap tube sizes on outlet from .081 to .125.



P4102

3/4" O.D. Copper Driers

Part No.	Design Working Pressure PSI	Inlet Inches	Outlet Inches	Overall Length Inches
032099-00	360	.164		4.63
		.159	.091	
		.258	.086	
		.253		
032159-00	360	.164	.091	4.50
		.159	.086	
032200-00	500	.195	.081	4.37
		.190	.076	
032169-00	360	.197	.092	4.75
		.192	.087	



P4103

Recommended tonnages: 1/4 to 1/2 tons depending on application and system. Consult Parker.

3/4" O.D. Copper Driers Water Capacities

Part No.	Water Capacity in Drops of Water													
	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032099-00	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.6
032159-00	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.6
032200-00	28.1	26.0	25.3	23.3	27.7	26.4	27.7	25.7	26.0	24.5	28.2	26.0	28.1	26.0
032169-00	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.6

Part No.	Water Capacity in Drops of Water													
	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032099-00	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
032159-00	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
032200-00	27.9	26.0	20.6	18.9	20.6	18.9	22.3	20.1	16.8	14.8	25.8	24.3	27.9	26.2
032169-00	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8

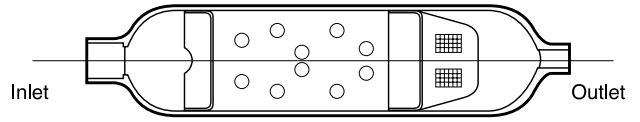
One and two inlets are available as well as cap tube sizes on outlet from .081 to .125.

COPPER DRIERS

PARKER SPUN COPPER DRIERS

1" O.D. Copper Driers

Part No.	Design Working Pressure PSI	Inlet (in.)	Outlet (in.)	Overall Length (in.)
032083-00	500	.250 .244	.098 .093	4.00
058066-00	500	.380 .377/ .256 .253	.195 .190	4.19
057404-00	500	.320 .315	.320 .315	3.81



P4103

Recommended tonnages (part numbers 032083-00 and 058066-00): 1/4 to 1/2 tons depending on application and system. Consult Parker.

Recommended tonnages (part number 057404-00): R-12 = 1/2; R-22 = 2; R-134a = 2; R-401A = 2; R-404A = 1.3; R-410A = 2; R-502 = 1.3; and R-507A = 1.3.

1" O.D. Copper Driers Water Capacities

Part No.	Water Capacity in Drops of Water													
	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032083-00	43.0	39.4	N/R	N/R	40.32	37.68	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
058066-00	49.5	45.9	44.7	41.1	48.9	46.5	48.9	45.3	45.9	43.2	49.8	45.9	49.5	45.6
057404-00	60.5	58.6	54.7	50.6	59.8	57.0	58.6	53.1	57.0	52.5	59.4	53.8	59.4	53.8

Part No.	Water Capacity in Drops of Water													
	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032083-00	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
058066-00	49.2	45.9	36.3	33.3	36.3	33.3	39.3	35.4	29.7	26.1	45.6	42.9	49.2	46.2
057404-00	59.5	56.0	39.4	35.6	39.4	35.6	41.9	37.8	32.3	28.8	55.7	52.5	60.2	56.3

NR = Not Recommended. Consult Parker for more information.

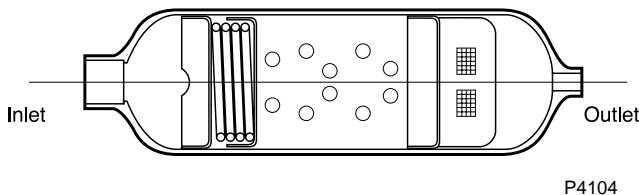
COPPER DRIERS

PARKER SPRING LOADED COPPER DRIERS

Spring loaded driers are used in air conditioning and refrigeration units that exceed 1 horsepower. The design of spring loaded driers incorporates a spring and spring retainer to compact the load of the molecular sieve. The spring stops attrition by preventing the sieve from moving.

1" O.D. Spring Loaded Copper Driers Data

Part No.	Design Working Pressure PSIG	Inlet (in.)	Outlet (in.)	Overall Length (in.)
032231-00	500	.202 .192 /.381 .378	.133 .128	4.25
054625-01	500	.256 .253	.256 .253	4.38
056242-03	500	.383 .378	.383 .378	4.38
053817-01	500	.378 .383	.378 .383	5.69



Part No.	Maximum Flow Rate at 1 Psig in Tons														
	R-12	R-22	R-134A	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
032231-00	Recommended Tonnages: 1/2 to 1 tons depending on application and system. Consult Parker.														
054625-01	1.5	1.5	1.6	1.8	1.5	1.4	1.0	1.2	1.2	1.3	1.1	1.4	1.7	1.2	1.2
056242-03	2.7	3.6	3.3	3.6	3.7	3.3	2.4	2.8	2.4	3.1	2.5	3.5	3.5	2.3	2.3
053817-01	2.3	3.0	2.7	3.0	3.1	2.7	2.0	2.4	2.0	2.6	2.1	2.9	2.9	1.9	2.0

1" O.D. Spring Loaded Copper Driers Water Capacities

Part No.	Water Capacity in Drops of Water													
	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032231-00	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	32.8	30.8	33.2	30.6	33.2	30.6
054625-01	51.0	49.4	46.2	42.7	50.5	48.1	49.4	44.8	49.4	44.8	49.4	44.8	49.4	44.8
056242-03	51.0	49.4	46.2	42.7	50.5	48.1	49.4	44.8	49.4	44.8	49.4	44.8	49.4	44.8
053817-01	94.5	91.5	85.5	79.0	93.5	89.0	91.5	83.0	91.5	83.0	91.5	83.0	91.5	83.0

Part No.	Water Capacity in Drops of Water													
	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032231-00	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
054625-01	50.2	47.3	49.4	44.8	49.4	44.8	49.4	44.8	27.3	24.3	47.0	44.3	50.8	47.5
056242-03	50.2	47.3	49.4	44.8	49.4	44.8	49.4	44.8	27.3	24.3	47.0	44.3	50.8	47.5
053817-01	93.0	87.5	91.5	83.0	91.5	83.0	91.5	83.0	50.5	45.0	87.0	82.0	94.0	88.0

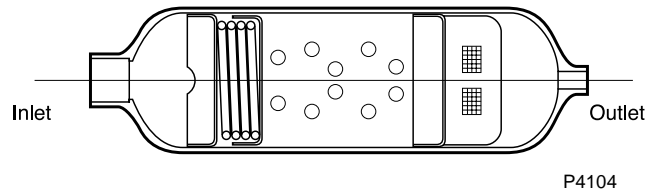
One and two inlets are available as well as cap tube sizes on outlet from .125 to .50. All 1" driers are U.L. recognized components, File #SA8570. Tonnage ratings will vary depending on the inlet and outlet requested.

COPPER DRIERS

PARKER SPRING LOADED COPPER DRIERS

1-3/16" O.D. Spring Loaded Copper Driers Data

Part No.	Design Working Pressure PSI	Inlet (in.)	Outlet (in.)	Overall Length (in.)
056243-04	500.0	.508 .503	.508 .503	5.1
056243-03	500.0	.383 .378	.383 .378	5.1
053776-00	540.0	.384 .378	.384 .378	7.0



Part No.	Maximum Flow Rate at 1 Psig in Tons														
	R-12	R-22	R-134A	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
056243-04	3.6	4.8	4.4	4.7	5.0	4.4	3.2	3.8	3.1	4.2	3.4	4.6	4.7	3.1	3.1
056243-03	2.7	3.6	3.3	3.5	3.7	3.3	2.4	2.8	2.3	3.1	2.5	3.5	3.5	2.3	2.3
053776-00	2.8	3.7	3.4	3.7	3.8	3.4	2.5	2.9	2.4	3.2	2.6	3.6	3.6	2.4	2.4

1-3/16" O.D. Spring Loaded Copper Driers Water Capacities

Part No.	Water Capacity in Drops of Water													
	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
056243-04	94.5	91.5	85.5	79.0	93.5	89.0	91.5	83.0	89.0	82.0	92.8	84.0	92.8	84.0
056243-03	94.5	91.5	85.5	79.0	93.5	89.0	91.5	83.0	89.0	82.0	92.8	84.0	92.8	84.0
053776-00	170.1	164.7	153.9	142.2	168.3	160.2	164.7	149.4	160.2	147.6	167.0	151.2	167.0	151.2

Part No.	Water Capacity in Drops of Water													
	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
056243-04	93.0	87.5	61.5	55.6	61.5	55.6	65.5	59.0	50.5	45.0	87.0	82.0	94.0	88.0
056243-03	93.0	87.5	61.5	55.6	61.5	55.6	65.5	59.0	50.5	45.0	87.0	82.0	94.0	88.0
053776-00	167.4	157.5	110.7	100.0	110.7	100.0	117.9	106.2	90.9	81.0	156.6	147.6	169.2	158.4

One and two inlets are available as well as cap tube sizes on outlet from .25 to .50. All 1-3/16" driers are U.L. recognized components, File #SA8570. Tonnage ratings will vary depending on the inlet and outlet requested.

COPPER DRIERS

PARKER SPRING LOADED COPPER DRIERS

1-5/8" O.D. Spring Loaded Copper Driers Data

Part No.	Design Working Pressure PSI	Inlet (in.)	Outlet (in.)	Overall Length (in.)
032040-00	500	.383 .378	.383 .378	6.00
032145-00	500	.383 .378	.383 .378	4.38
031805-03	500	.383 .378	.383 .378	5.50
056244-01	500	.383 .378	.383 .378	5.38
056156-01	500	.253 .256	.253 .256	7.00

Part No.	Maximum Flow Rate at 1 Psig in Tons														
	R-12	R-22	R-134A	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
032040-00	4.4	5.8	5.3	5.8	6.0	5.3	3.9	4.6	3.8	5.1	4.1	5.6	5.7	3.8	3.8
032145-00	3.5	4.7	4.3	4.6	4.8	4.3	3.2	3.7	3.1	4.1	3.3	4.5	4.6	3.0	3.1
031805-03	3.8	5.1	4.7	5.0	5.3	4.6	3.4	4.0	3.3	4.5	3.6	4.9	5.0	3.3	3.3
056244-01	3.7	5.0	4.5	4.9	5.2	4.6	3.4	3.9	3.2	4.4	3.5	4.8	4.8	3.2	3.2
056156-01	1.3	1.8	1.6	1.8	1.9	1.6	1.2	1.4	1.2	1.6	1.3	1.7	1.7	1.2	1.2

1-5/8" O.D. Spring Loaded Copper Driers Water Capacities

Part No.	Water Capacity in Drops of Water													
	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032040-00	170.1	164.7	153.9	142.2	168.3	160.2	164.7	149.4	160.2	147.6	167.0	151.2	167.0	151.2
032145-00	92.4	85.7	83.4	76.7	91.3	86.8	91.3	84.6	85.7	80.6	93.0	85.7	92.4	85.7
031805-03	132.3	128.1	119.7	110.6	130.9	124.6	128.1	116.2	124.6	114.8	129.9	117.6	129.9	117.6
056244-01	170.1	164.7	153.9	142.2	168.3	160.2	164.7	149.4	160.2	147.6	167.0	151.2	167.0	151.2
056156-01	340.2	329.4	307.8	284.4	336.6	320.4	329.4	298.8	320.4	295.2	333.9	302.4	333.9	302.4

Part No.	Water Capacity in Drops of Water													
	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°	75°	125°
032040-00	167.4	157.5	110.7	100.0	110.7	100.0	117.9	106.2	90.9	81.0	156.6	147.6	169.2	158.4
032145-00	91.8	85.7	67.8	62.2	67.8	62.2	73.4	66.1	55.4	48.7	85.1	80.1	91.8	86.2
031805-03	130.2	122.5	86.1	77.8	86.1	77.8	91.7	82.6	70.7	63.0	121.8	114.8	131.6	123.2
056244-01	167.4	157.5	110.7	100.0	110.7	100.0	117.9	106.2	90.9	81.0	156.6	147.6	169.2	158.4
056156-01	334.8	315.0	221.4	200.0	221.4	200.0	235.8	212.4	181.8	162.0	313.2	295.2	338.4	316.8

One and two inlets are available as well as cap tube sizes on outlet from .125 to 5/8. All 1-5/8" dryers are U.L. recognized components, File #SA8570. Tonnage ratings will vary depending on the inlet and outlet requested.

COPPER DRIERS

PARKER COPPER SERVICE DRIERS

Key Features and Benefits

- 100% XH-9 molecular sieve is specially formulated for the new refrigerants and blends, including 134a, 404A, and 507A.
- Compatible with mineral oils and the new synthetics (POEs).
- All copper construction for corrosion resistance.
- Worldwide OEM usage and acceptance.
- UL recognized and CSA certified.



P4105



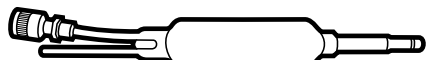
P4106



P4107



P4108



P4109



P4110

Copper Service Driers Specifications

Part No.	MRO Model No.	Molecular Sieve	Description	Overall Length (in.)	Inlet Tube Size OD/ID (in.)	Outlet Tube Size OD/ID (in.)
058070-01	MMS-80	10g XH9	3/4 Non-directional	7-3/8	1/4 / 3/16	1/4 / 3/16
058198-01	MMS-100	10g XH9	3/4 directional	7-3/8	1/4 / 3/16	1/4 / 3/16
032134-01	MMS-200	20g XH9	1 directional step down	10-1/2	1/4 / 3/16	1/4 / 3/16
					5/16 / 1/4	5/16 / 1/4
					3/8 / 5/16	3/8 / 5/16
032092-00	712	10g XH9	3/4 directional	8-1/2	1/4 / 3/16	.089/.092 cap. tube
032144-00	319	30g XH9	1-3/16 directional	9-3/4	5/16 OD	.127/.130
032142-00	619	10g XH9	3/4 w/access valve	8-7/8	1/4 / 3/16	.089/.092 cap. tube
032133-00	620	20g XH9	1 w/access valve	9-1/2	5/16 / 1/4	.127/.130 cap. tube
032143-00	621	20g XH9	1 w/double inlet	9	5/16 / 1/4	.127/.130 cap. tube
032145-00	CO73S	28g XH9	1-5/8 directional	4-3/8	3/8 ID	3/8 ID

Part No.	MRO Model No.	Recommended Tonnages				
		R-22 R-402	R-134a	R-401A/B	R-404A, R-502, R-507A	R-410A
058070-01	MMS-80	1/3 to 2 tons depending on application and system. Contact Parker for details.				
058198-01	MMS-100					
032134-01	MMS-200					
032092-00	712					
032144-00	319					
032142-00	619					
032133-00	620					
032143-00	621					
032145-00	CO73S	4	4	4-1/2	3	4-1/2

COPPER DRIERS

PARKER COPPER SERVICE DRIERS

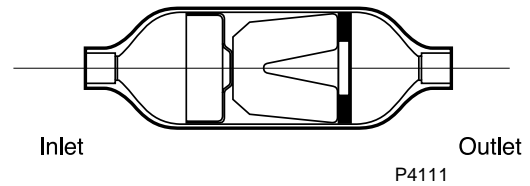
Parker Copper Service Driers Water Capacity

OEM Part No.	MRO Part No.	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A		R-402B	
		75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
058070-01	MMS-80	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
058198-01	MMS-100	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
032134-01	MMS-200	66.0	61.2	59.6	54.8	65.2	62.0	65.2	60.4	61.2	57.6	66.4	61.2	66.0	60.8
032092-00	712	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
032144-00	319	99.0	91.8	89.4	82.2	97.8	93.0	97.8	90.6	91.8	86.4	99.6	91.8	99.0	91.2
032142-00	619	33.0	30.6	29.8	27.4	32.6	31.0	32.6	30.2	30.6	28.8	33.2	30.6	33.0	30.4
032133-00	620	66.0	61.2	59.6	54.8	65.2	62.0	65.2	60.4	61.2	57.6	66.4	61.2	66.0	60.8
032143-00	621	66.0	61.2	59.6	54.8	65.2	62.0	65.2	60.4	61.2	57.6	66.4	61.2	66.0	60.8
032145-00	CO73S	92.4	85.7	83.4	76.7	91.3	86.8	91.3	84.6	85.7	80.6	93.0	85.7	92.4	85.1

OEM Part No.	MRO Part No.	R-404A		R-407A		R-407B		R-407C		R-410A		R-502		R-507A	
		75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
058070-01	MMS-80	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
058198-01	MMS-100	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
032134-01	MMS-200	65.6	61.2	48.4	44.4	48.4	44.4	52.4	47.2	39.6	34.8	60.8	57.2	65.6	61.6
032092-00	712	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
032144-00	319	98.4	91.8	72.6	66.6	72.6	66.6	78.6	70.8	59.4	52.2	91.2	85.8	98.4	92.4
032142-00	619	32.8	30.6	24.2	22.2	24.2	22.2	26.2	23.6	19.8	17.4	30.4	28.6	32.8	30.8
032133-00	620	65.6	61.2	48.4	44.4	48.4	44.4	52.4	47.2	39.6	34.8	60.8	57.2	65.6	61.6
032143-00	621	65.6	61.2	48.4	44.4	48.4	44.4	52.4	47.2	39.6	34.8	60.8	57.2	65.6	61.6
032145-00	CO73S	91.8	85.7	67.8	62.2	67.8	62.2	73.4	66.1	55.4	48.7	85.1	80.1	91.8	86.2

Copper Filter Driers with Activated Alumina Core

- Activated alumina core provides excellent system filtration.
- Excellent for removing sludge and acids.



Part No.	Design Working Pressure PSI	Filtration Capacity Microns	Inlet (in.)	Outlet (in.)	Screen Area (sq in.)	Overall Length (in.)
057945-00	450	30	1/4	5/16	0.94	3.69
057945-02	450	30	.383/.378	.383/.378	0.94	3.69

Copper Filter Driers with Activated Alumina Core Water Capacities

Part No.	R-12		R-22		R-134a		R-401A/B		R-401C		R-402A/B	
	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
057945-00	11.7	9.2	10.9	8.6	10.8	10.2	10.5	9.5	10.2	9.4	10.7	9.7
057945-02	11.7	9.2	10.9	8.6	10.8	10.2	10.5	9.5	10.2	9.4	10.7	9.7

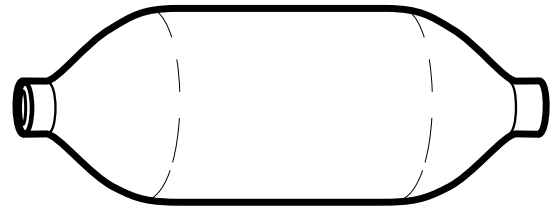
Part No.	R-404A		R-407A/B		R-407C		R-410A		R-502		R-507A	
	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
057945-00	10.7	10.1	7.1	6.4	7.5	6.8	5.8	5.2	10.0	7.7	10.8	10.1
057945-02	10.7	10.1	7.1	6.4	7.5	6.8	5.8	5.2	10.0	7.7	10.8	10.1

COPPER DRIERS

PARKER COPPER LIQUID LINE SOLID CORE DRIERS (Cu LLD® Series)

Key Features and Benefits

- Solid core 100% molecular sieve drier.
- Super high moisture/acid capacity. Large flow capacity.
- Compatible with all new and existing refrigerants and blends.
- All copper body is corrosion resistant.
- U.L. recognized and CSA certified.



P4114

Copper Liquid Line Driers — Water Drop Capacity at ARI Conditions

P/N	MRO Model No.	OEM Model No.	R-12 (15 ppm) 75° F/125° F	R-22 (60 ppm) 75° F/125° F	R-134a (50 ppm) 75° F/125° F	R-401A/B (50 ppm) 75° F/125° F	R-401C (50 ppm) 75° F/125° F	R-402A (50 ppm) 75° F/125° F	R-402B (50 ppm) 75° F/125° F
	Cu LLD 2-3S	s13	31/28	28/24	31/27	30/26	29/25	30/26	30/26
	Cu LLD 3-2S	s22	69/63	63/55	69/62	67/57	65/57	68/58	68/58
	Cu LLD 3-3S	s23	69/63	63/55	69/62	67/57	65/57	68/58	68/58
032056-10	Cu LLD 5-3S	s33	95/87	86/75	94/85	92/79	90/78	94/80	94/80
032055-10	Cu LLD 8-3S	s53	166/152	150/131	165/147	161/137	157/136	163/139	163/139
032057-10	Cu LLD 16-3S	s83	266/242	241/209	263/236	258	258/ 20	251/217	261/223

P/N	MRO Model No.	OEM Model No.	R-404A (50 ppm) 75° F/125° F	R-407A (50 ppm) 75° F/125° F	R-407B (50 ppm) 75° F/125° F	R-407C (50 ppm) 75° F/125° F	R-410A (50 ppm) 75° F/125° F	R-502 (50 ppm) 75° F/125° F	R-507A (50 ppm) 75° F/125° F
	Cu LLD 2-3S	s13	30/27	20/17	20/17	21/18	17/14	28/25	31/27
	Cu LLD 3-2S	s22	68/61	45/38	45/38	48/41	37/31	64/57	69/61
	Cu LLD 3-3S	s23	68/61	45/38	45/38	48/41	37/31	64/57	69/61
032056-10	Cu LLD 5-3S	s33	94/83	62/53	62/53	66/56	51/43	88/78	95/84
032055-10	Cu LLD 8-3S	s53	164/145	108/ 92	33878	115/ 98	89/75	153/136	165/146
032057-10	Cu LLD 16-3S	s83	261/223	262/232	173/147	173/147	142/119	245/217	265/233

Refrigerant Holding Capacities for Copper Liquid Line Core Driers (in oz. of refrigerant @ 100° F)

MRO Model No.	OEM Model No.	R-12	R-22	R-134a	R-401A/B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
Cu LLD 2-3S	s13	1.37	1.24	1.25	1.22	1.07	1.13	1.15	1.06	1.17	1.18	1.17	1.08	1.25	1.06
Cu LLD 3-2S	s22	2.82	2.55	2.58	2.51	2.21	2.33	2.38	2.19	2.41	2.44	2.41	2.23	2.58	2.19
Cu LLD 3-3S	s23	2.82	2.55	2.58	2.51	2.21	2.33	2.38	2.19	2.41	2.44	2.41	2.23	2.58	2.19
Cu LLD 5-3S	s33	3.52	3.18	3.22	3.13	2.76	2.90	2.96	2.73	3.01	3.05	3.01	2.78	3.22	2.74
Cu LLD 8-3S	s53	6.35	5.74	5.81	5.65	4.97	5.24	5.34	4.93	5.42	5.50	5.43	5.01	5.80	4.93
Cu LLD 16-3S	s83	6.91	6.25	6.33	6.15	5.41	5.70	5.82	5.36	5.90	5.98	5.91	5.45	6.32	5.37

COPPER DRIERS

PARKER COPPER LIQUID LINE SOLID CORE DRIER (Cu LLD® Series)

Copper Liquid Line Driers — Installation Recommendations (Nominal Tons)

P/N	OEM Model	MRO Model	Selection Recommendations (Nominal Ratings - Tons)											
			Refrigeration							Air Conditioning				
			Commercial Low Temp. Equipment							OEM, Self-Contained/Field Replacement				
			12 134a 401A	22 402	404A 502 507A	407C 410A	407A	407B	134a 401A	22 402 410A	404A 502 507A	407A	407B	407C
	s13	Cu LLD 2-3S	1	1	3/4	1-1/4	1	3/4	2	2	1-1/2	2	1-3/4	1-1/2
	s22	Cu LLD 3-2S	3/4	3/4	1/2	3/4	1/2	3/4	1-1/2	1-1/2	1	1-3/4	1	1-1/2
	s23	Cu LLD 3-3S	1-3/4	1-1/2	1-3/4	1-3/4	1-3/4	1-3/4	3-1/2	3	2-1/2	3-1/2	2-1/2	3-1/2
032056-10	s33	Cu LLD 5-3S	1-3/4	1-1/2	1-3/4	1-3/4	1-1/2	1-3/4	3-1/2	3	2-1/2	3	2-1/2	3-1/2
032055-10	s53	Cu LLD 8-3S	2	1-1/2	1-3/4	2	1-3/4	1-1/2	3-1/2	3	2-1/2	3-1/2	3	4
032057-10	s83	Cu LLD 16-3S	2	1-1/2	1-3/4	2	1-3/4	1-1/2	4	3-1/2	2-1/2	3-1/2	3	4

Copper Liquid Line Driers — Tons of Refrigerant at Pressure Drop 1 psi

OEM Model	MRO Model	R-12	R-22	R-134a	R-401A	R-401B	R-401C	R-402A	R-402B	R-404A	R-407A	R-407B	R-407C	R-410A	R-502	R-507A
s13	Cu LLD 2-3S	2.2	2.9	2.6	2.9	3.0	2.7	2.0	2.3	1.9	2.6	2.1	2.9	2.8	1.9	1.9
s22	Cu LLD 3-2S	1.4	1.9	1.7	1.8	1.9	1.7	1.3	1.5	1.2	1.6	1.3	1.8	1.8	1.2	1.2
s23	Cu LLD 3-3S	3.2	4.3	3.9	4.3	4.4	3.9	2.9	3.4	2.8	3.7	3.0	4.2	4.2	2.8	2.8
s33	Cu LLD 5-3S	3.1	4.2	3.8	4.1	4.3	3.8	2.8	3.3	2.7	3.6	2.9	4.1	4.1	2.7	2.7
s53	Cu LLD 8-3S	3.4	4.6	4.2	4.5	4.7	4.1	3.1	3.6	3.0	4.0	3.2	4.5	4.5	3.0	3.0
s83	Cu LLD 16-3S	3.6	4.8	4.4	4.7	5.0	4.4	3.2	3.8	3.1	4.2	3.4	4.7	4.6	3.1	3.1