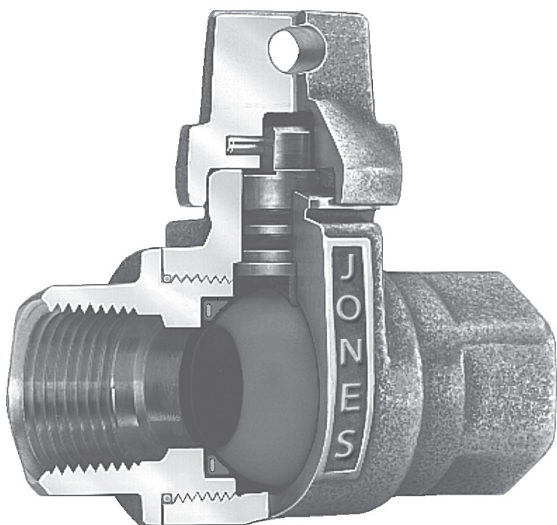


General Information

1. All Jones Corporation Stops are manufactured in accordance with the AWWA Standard C-800-latest revision.
 - Copper Alloy CDA No. 89833 (Low Lead)
 - Copper Alloy CDA No. C83600 (85-5-5-5)**
2. Maximum pressure rating (all Jones Curb Valves are tested individually):
3. Pipe wrenches should not be used to install Curb Valves. A smooth jaw wrench should be used on the flat area of the body.
4. It is recommended that all pressure testing be done prior to backfilling.
5. Replacement components for compression fittings are available from your Jones distributor.
6. Box quantities are located in the Net Trade Sheet.

***All service brass will comply with AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.*

Ball Curb Valve



- ☐ BLOW-OUT-PROOF STEM DESIGN - prevents separation and assures dependable, safe operation.
- ☐ OPTIMIZED KEY TO BALL CONNECTION - provides strong, reliable performance and resists breakage.
- ☐ FULL THREAD DEPTH - and drill depth on F.I.P. thread ends (meets ANSI/ AWWA C800 Standard).
- ☐ FULL ROUNDWAY - provides straight - through flow (reduced port available).
- ☐ END PIECES O-RING SEALED - to provide additional protection against leaking.
- ☐ MANUFACTURED AND TESTED - to ANSI/AWWA C800 Standard.
- ☐ DOUBLE O-RING SEALS - are supported in precision machined grooves and provide secure, leak - tight sealing.
- ☐ SUITABLE - for use as test valves on Backflow Preventers (complies with Notice 89-001 of F.C.C.C. and H.R.).
- ☐ 300 PSIG - maximum working pressure.
- ☐ QUARTER TURN CHECK - is integrally cast on body to assure positive action. Checkless 360° turn is optional.
- ☐ FLUOROCARBON COATED BALL - ensures smooth, easy turning operation.
- ☐ STAINLESS STEEL REINFORCED SEAT - assures reliable seal under full flow and pressure.
- ☐ END CONNECTIONS - include copper flare, JONES® 110 Compression Connection, Pack Joint Connection, Copper Flare, M.I.P and F.I.P. thread and Jones Grip.*
- ☐ HEAVY BRASS COMPONENTS - constructed of ASTM 584 or brass for strength and durability.

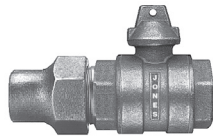
**See charts on pages 5-6 for tubing and pipe that may be used with these connections.*

SECTION 4 – Curb Valves

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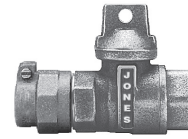
Ball Type Curb Valves



E-1901



E-1949SG

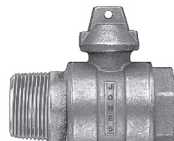


E-1921

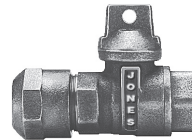
Part Number	Description	Sizes
E-1901	Inlet: Copper flare nut Outlet: F.I.P. thread. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1949SG	Jones® 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing - both ends. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1921	Inlet: Pack Joint Connection for CTS O.D* tubing Outlet: F.I.P. thread. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"



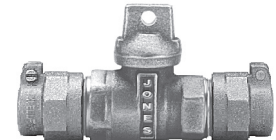
E-1900



E-1945

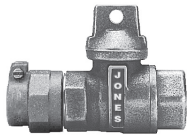


E-1921SG

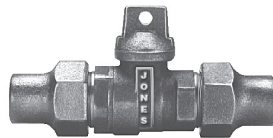


E-1949

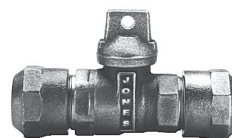
Part Number	Description	Sizes
E-1900	F.I.P. thread - both ends. Quarter turn check 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1945	Inlet: M.I.P. thread. Quarter turn check Outlet: F.I.P. thread 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1921SG	Inlet: Jones® 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing Outlet: F.I.P. thread. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1949	Pack Joint Connection for CTS O.D* tubing - both ends. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"



E-1986



E-1902



E-6501SG



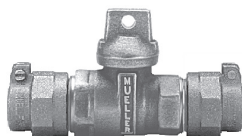
E-6502

Part Number	Description	Sizes
E-1986	Inlet: Pack Joint Connection for IPS PVC* tubing Outlet: F.I.P. thread. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1902	Copper flare nut - both ends. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-6501SG	Jones® 110 Conductive Compression Connection (Super Grip) for soft/annealed copper and CTS PE* tubing - both ends. 360° turn option available by noting L/S to order. Stop and drain	3/4" 1" 1-1/2" 2"
E-6502	F.I.P. thread - both ends. Quarter turn check. 360° turn option available by noting L/S to order. Stop and drain	3/4" 1" 1-1/2" 2"

JONES Curb Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

*See charts on pages 5-6 for tubing and pipe that may be used with these connections.

Ball Type Curb Valves



E-1950



E-1951

Part Number	Description	Sizes
E-1950	IPS PE Pack Joint both ends. Quarter turn check. 360° turn option available by noting L/S to order	3/4" 1" 1-1/2" 2"
E-1951	IPS PE Jones® 110 Conductive Compression Connection (Super Grip) both ends with stop and drain	3/4" 1"

JONES Curb Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

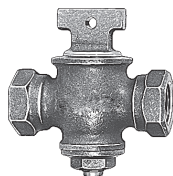
*See charts on pages 5-6 for tubing and pipe that may be used with these connections.

SECTION 4 – Curb Valves

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Solid Tee Head Curb Valves



E-200



E-182

Part Number	Description	Sizes
E-200	Solid tee head - F.I.P. - both ends	3/4"
E-182	Flat head , Lockwing - F.I.P. - both ends	3/4" 1"

Curb Valves Options, Parts and Accessories



J-2813

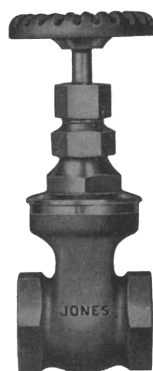


J-2815R

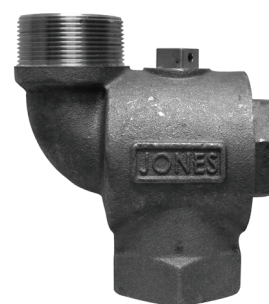


J-2816

Part Number	Description	Sizes
J-2813	Brass straight lever handle. For use on Ball Type Curb Valves - 1" can be use on 1-1/2" and 2" Ball Type Curb Valve	1-1/2" 2"
J-2815R	"Reclaimed Water" straight lever handle, with marking and standard color positive identification.	3/4" 1"
J-2816	2" Square wrench nut adapter for 1-1/2" and 2" Ball Curb Valve	1-1/2" 2"



E-372

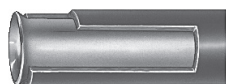


E-1998

Part Number	Description	Sizes
E-372	Double disc, wheel handle, F.I.P. x F.I.P. Thread	1-1/2" 2"
E-1998	Blow off ball valve, F.I.P. x M.I.P. Thread	2"

JONES Curb Valves are manufactured and tested in accordance with ANSI/AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

Pipe Liners



J-2807



J-2808



J-2809



J-2810

Part Number	Description	Sizes
J-2807	Pipe Liner for use with CTS O.D. Jones® 110 Compression Connection	3/4" 1" 1-1/2" 2"
J-2808	Pipe Liner for use with CTS O.D. Pack Joint Connection	3/4" 1" 1-1/2" 2"
J-2809	Pipe Liner for use with IPS PVC Pack Joint Connection	3/4"
J-2810	Pipe Liner for use with IPS PE Jones® 110 Compression Connections	3/4" 1"

Tubing, pipe and liners used with Jones® 110 Compression Connection

Nominal size of connection	Material	Tubing or pipe O.D. range - inches	Tubing or pipe wall thickness range - inches	Tubing or pipe I.D. range - inches	Liner part number
1/2" CTS	Type "K" soft/annealed copper	0.622 - 0.628	0.045 - 0.053	-	-
3/4" CTS	Type "K" soft/annealed copper	0.872 - 0.878	0.061 - 0.069	-	-
	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	504281J
1" CTS	Type "K" soft/annealed copper	1.21 - 1.129	0.061 - 0.069	-	-
	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	504385J
1-1/4" CTS	Type "K" soft/annealed copper	1.371 - 1.379	0.060 - 0.070	-	-
	Polyethylene PE	1.370 - 1.380	0.153 - 0.168	1.034 - 1.074	505142J
1-1/2" CTS	Type "K" soft/annealed copper	1.621 - 1.630	0.067 - 0.077	-	-
	Polyethylene PE	1.619 - 1.631	0.181 - 0.199	1.221 - 1.269	506139J
2" CTS	Type "K" soft/annealed copper	2.120 - 2.130	0.076 - 0.090	-	-
	Polyethylene PE	2.119 - 2.131	0.236 - 0.260	1.599 - 1.659	506141J
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834	505141J
1" IPS	Polyethylene PE	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059	505142J

Type "K" soft/annealed copper tubing per ASTM B88

CTS polyethylene (PE) per ASTM D-2737 - SDR-9

IPS polyethylene (PE) per ASTM D-2239 - PE SDR-7

110 Compression Connection replacement parts

Size	Kit	Gasket part number†	Connection nut
1/2" CTS	-	681516	147542
3/4" CTS	682600	581949	507831
1" CTS	682601	581951	507835
1-1/2" CTS	-	581955	507847
2" CTS	-	581957	507851
3/4" IPS PE	-	89599	508826
1" IPS PE	-	89788	508827



Gasket



Nut

SECTION 4 – Curb Valves

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Tubing, pipe and liners used with Pack Joint Connection

Nominal size of connection	Material	Tubing or pipe O.D. range - inches	Tubing or pipe wall thickness range - inches	Tubing or pipe I.D. range - inches	Liner part number
3/4" CTS	Type "K" soft/annealed copper	0.872 - 0.878	0.061 - 0.069	-	-
	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	528704J
1" CTS	Type "K" soft/annealed copper	1.21 - 1.129	0.061 - 0.069	-	-
	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	528705J
1-1/2" CTS	Type "K" soft/annealed copper	1.621 - 1.630	0.067 - 0.077	-	-
	Polyethylene PE	1.619 - 1.631	0.181 - 0.199	1.221 - 1.269	528706J
2" CTS	Type "K" soft/annealed copper	2.120 - 2.130	0.076 - 0.090	-	-
	Polyethylene PE	2.119 - 2.131	0.236 - 0.260	1.599 - 1.659	528707J
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834	505141J
	3/4" Sch. 40 PVC	1.046 - 1.054	0.113 - 0.133	0.780 - 0.828	509759J
	3/4" Sch. 80 PVC	1.046 - 1.054	0.154 - 0.174	0.698 - 0.746	509760J
1" IPS	Polyethylene PE	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059	505142J
	1" Sch. 40 PVC	1.310 - 1.320	0.113 - 0.133	-	-
	1" Sch. 80 PVC	1.310 - 1.320	0.179 - 0.200	-	-
1-1/2" IPS	Polyethylene PE	2.05 - 2.141	0.230 - 0.258	1.590 - 1.625	529116J
	1-1/2" Sch. 40 PVC	1.894 - 1.906	0.145 - 0.165	-	-
	1-1/2" Sch. 80 PVC	1.894 - 1.906	0.200 - 0.224	-	-
2" IPS	Polyethylene PE	2.637 - 2.742	0.295 - 0.330	2.047 - 2.082	529117J
	2" Sch. 40 PVC	2.369 - 2.381	0.154 - 0.174	-	-
	2" Sch. 80 PVC	2.369 - 2.381	0.218 - 0.244	-	-

Type "K" soft/annealed copper tubing per ASTM B88

CTS polyethylene (PE) per ASTM D-2737 - SDR-9

IPS polyethylene (PE) per ASTM D-2239 - PE SDR-7

IPS polyvinylchloride (PVC) per ASTM D1785

Pack Joint Connection Kit

Size	Connection Kit
3/4" CTS	681921J
1" CTS	681922J
1-1/2" CTS	681923J
2" CTS	681924J
3/4" IPS PE	682377J
1" IPS PE	682556J
1-1/2" IPS PE	682557J
2" IPS PE	682558J
3/4" IPS PVC	682377J
1" IPS PVC	682553J
1-1/2" IPS PVC	682554J
2" IPS PVC	682555J



Equipment and Tools



Brass Hammer

Solid brass head with
10" wooden handle.
Weight 2-3/4 lb.

CATALOG NUMBER: **J-18025**



Copper flare nut

CATALOG NUMBER: **J-15430**

1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
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Brass cap

Fits on copper
flare spud to cap off line.

CATALOG NUMBER: **J-15540N**

3/4"	1"
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Solid copper disc

Used with regular
copper flare nut to shut off line.

CATALOG NUMBER: **J-15535**

1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
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Flaring tool

Used to make 45° flare on
type "K" copper tubing.

CATALOG NUMBER: **J-18000**

1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
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Drilled flaring tool

Used to make 45° flare on type "K" copper
tubing without shutting off water-drilled
to exhaust water at right angle to tubing.

CATALOG NUMBER: **J-18005**

3/4"	1"
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Reamer

Used to ream the inside of type
"K" copper tubing to remove
burrs prior to flaring.

CATALOG NUMBER: **J-18010**

1/2"	3/4"	1"
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Note: When using any striking tool, safety eye protection must be worn. Inspect hammer and tools for any damage after each use and repair or replace if mushrooming or chipping is evident.

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