

**ICC-ES PMG Listing****PMG-1257**

Effective Date: June 2014

This listing is subject to re-examination in one year.

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CSI: DIVISION: 22 00 00—PLUMBING  
Section: 22 11 16—Domestic Water Piping  
Section: 22 09 00—Instrumentation and Control for Plumbing

## Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Plumbing Fixture Fittings – Angle Valves and Supply Stops

Listee: IDC Plumbing and Heating Technology (Beijing) Ltd.  
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## Compliance with the following codes:

2012 and 2009 *International Plumbing Code*® (IPC)  
2012 and 2009 *Uniform Plumbing Code*® (UPC)\*  
2012 and 2009 *International Residential Code*® (IRC)  
2010 and 2005 *National Plumbing Code of Canada*® (NPC)\*\*

\**Uniform Plumbing Code* is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

\*\**National Plumbing Code Canada* is a copyrighted publication of the National Research Council Canada

## Compliance with the following standard:

ASME A112.18.1/CSA B125.1-2012, Plumbing Supply Fittings  
NSF/ANSI 61-2013, Drinking Water Systems Components—Health Effects

## Identification:

Each fitting shall be marked with

- (a) the manufacturer's recognized name, trademark, or other mark; or
- (b) in the case of private labelling, the name, trademark, or other mark of the customer for whom the fitting was manufactured.
- (c) the ICC-ES-PMG listing mark

Markings shall be accomplished by use of a permanent mark or by placing a permanent label on the product. Markings shall be located in such a way that they are visible after installation.

Packaging shall be marked with

- (a) the manufacturer's recognized name, trademark, or other mark as well as the model number; or
- (b) in the case of private labelling, the name, trademark, or other mark of the customer for whom the fitting was manufactured as well as the model number.

## Installation:

Each model recognized in this listing shall be installed in accordance with the manufacturer's instructions and the requirements of the International Plumbing Code, Uniform Plumbing Code and National Plumbing Code of Canada.

## Models:

The following models that are manufactured with C69300, HWQ60-1 and C48600 are also in compliance with the requirements of NSF/ANSI 14, section 5.8.

## Angle Valve

<b>Model No.</b>	<b>Size and Description</b>
<b>Comp. x Comp.</b>	
1SFG141	5/8"OD x1/4"OD Angle Valve
1SFG142	5/8"OD x3/8"OD Angle Valve
1SFG143	5/8"OD x1/2"OD Angle Valve
1SFG131	1/2"OD x1/4"OD Angle Valve
1SFG132	1/2"OD x3/8"OD Angle Valve
1SFG133	1/2"OD x1/2"OD Angle Valve
1SFGa41	5/8"OD x1/4"OD Angle Valve
1SFGa42	5/8"OD x3/8"OD Angle Valve
1SFGa43	5/8"OD x1/2"OD Angle Valve
1SFGa31	1/2"OD x1/4"OD Angle Valve
1SFGa32	1/2"OD x3/8"OD Angle Valve
1SFGa33	1/2"OD x1/2"OD Angle Valve
1SFGb41	5/8"OD x1/4"OD Angle Valve
1SFGb42	5/8"OD x3/8"OD Angle Valve
1SFGb43	5/8"OD x1/2"OD Angle Valve
1SFGb31	1/2"OD x1/4"OD Angle Valve
1SFGb32	1/2"OD x3/8"OD Angle Valve
1SFGb33	1/2"OD x1/2"OD Angle Valve
1SFG041	5/8"OD x1/4"OD Angle Valve
1SFG042	5/8"OD x3/8"OD Angle Valve
1SFG043	5/8"OD x1/2"OD Angle Valve
1SFG031	1/2"OD x1/4"OD Angle Valve
1SFG032	1/2"OD x3/8"OD Angle Valve
1SFG033	1/2"OD x1/2"OD Angle Valve
<b>FIP x Comp</b>	
1SFH121	3/8"FIPx1/4"OD Angle Valve
1SFH122	3/8"FIPx3/8"OD Angle Valve
1SFH131	1/2"FIPx1/4"OD Angle Valve
1SFH132	1/2"FIPx3/8"OD Angle Valve
1SFH133	1/2"FIPx1/2"OD Angle Valve
1SFHa21	3/8"FIPx1/4"OD Angle Valve
1SFHa22	3/8"FIPx3/8"OD Angle Valve
1SFHa31	1/2"FIPx1/4"OD Angle Valve
1SFHa32	1/2"FIPx3/8"OD Angle Valve
1SFHa33	1/2"FIPx1/2"OD Angle Valve
1SFHb21	3/8"FIPx1/4"OD Angle Valve
1SFHb22	3/8"FIPx3/8"OD Angle Valve
1SFHb31	1/2"FIPx1/4"OD Angle Valve
1SFHb32	1/2"FIPx3/8"OD Angle Valve
1SFHb33	1/2"FIPx1/2"OD Angle Valve
1SFH021	3/8"FIPx1/4"OD Angle Valve
1SFH022	3/8"FIPx3/8"OD Angle Valve
1SFH031	1/2"FIPx1/4"OD Angle Valve
1SFH032	1/2"FIPx3/8"OD Angle Valve
1SFH033	1/2"FIPx1/2"OD Angle Valve
<b>FIP x slip joint</b>	
1SFR133	1/2"FIPx1/2" or 7/16"OD slip joint Angle Valve
1SFRa33	1/2"FIPx1/2" or 7/16"OD slip joint Angle Valve
1SFRb33	1/2"FIPx1/2" or 7/16"OD slip joint Angle Valve
1SFR033	1/2"FIPx1/2" or 7/16"OD slip joint Angle Valve
<b>FIP x Hose thread</b>	
1SFS135	1/2"FIPx3/4"Hose thread Angle Valve
1SFSa35	1/2"FIPx3/4"Hose thread Angle Valve
1SFSb35	1/2"FIPx3/4"Hose thread Angle Valve
1SFS035	1/2"FIPx3/4"Hose thread Angle Valve
<b>Comp x Hose thread</b>	
1SFT135	1/2"Nom Comp x3/4"Hose thread Angle Valve
1SFTa35	1/2"Nom Comp x3/4"Hose thread Angle Valve
1SFTb35	1/2"Nom Comp x3/4"Hose thread Angle Valve
1SFT035	1/2"Nom Comp x3/4"Hose thread Angle Valve
<b>Solder x Comp</b>	
1SFK131	1/2"SWT x 1/4"OD Angle Valve
1SFK132	1/2"SWT x 3/8"OD Angle Valve
1SFK133	1/2"SWT x 1/2"OD Angle Valve
1SFKa31	1/2"SWT x 1/4"OD Angle Valve
1SFKa32	1/2"SWT x 3/8"OD Angle Valve

1SFKa33	1/2"SWT x 1/2"OD Angle Valve
1SFKb31	1/2"SWT x 1/4"OD Angle Valve
1SFKb32	1/2"SWT x 3/8"OD Angle Valve
1SFKb33	1/2"SWT x 1/2"OD Angle Valve
1SFK031	1/2"SWT x 1/4"OD Angle Valve
1SFK032	1/2"SWT x 3/8"OD Angle Valve
1SFK033	1/2"SWT x 1/2"OD Angle Valve

**Solder (5" EXT) x Comp**

1SFM132	1/2"SWT (5" EXT) x 3/8"OD Angle Valve
1SFMa32	1/2"SWT (5" EXT) x 3/8"OD Angle Valve
1SFMb32	1/2"SWT (5" EXT) x 3/8"OD Angle Valve
1SFM032	1/2"SWT (5" EXT) x 3/8"OD Angle Valve

**CPVC x Comp**

1SFJ131	1/2"CPVC x1/4"OD Angle Valve
1SFJ132	1/2"CPVC x3/8"OD Angle Valve
1SFJa31	1/2"CPVC x1/4"OD Angle Valve
1SFJa32	1/2"CPVC x3/8"OD Angle Valve
1SFJb31	1/2"CPVC x1/4"OD Angle Valve
1SFJb32	1/2"CPVC x3/8"OD Angle Valve
1SFJ031	1/2"CPVC x1/4"OD Angle Valve
1SFJ032	1/2"CPVC x3/8"OD Angle Valve

**PEX x Comp**

1SFL132	1/2" PEX x3/8"OD Angle Valve
1SFL131	1/2" PEX x1/4"OD Angle Valve
1SFLa32	1/2" PEX x3/8"OD Angle Valve
1SFLa31	1/2" PEX x1/4"OD Angle Valve
1SFLb32	1/2" PEX x3/8"OD Angle Valve
1SFLb31	1/2" PEX x1/4"OD Angle Valve
1SFL032	1/2" PEX x3/8"OD Angle Valve
1SFL031	1/2" PEX x1/4"OD Angle Valve

**Push Fit x Comp**

1SFU131	1/2"Norm Push Fit x1/4"OD Angle Valve
1SFU132	1/2"Norm Push Fit x3/8"OD Angle Valve
1SFU133	1/2"Norm Push Fit x1/2"OD Angle Valve
1SFUa31	1/2"Norm Push Fit x1/4"OD Angle Valve
1SFUa32	1/2"Norm Push Fit x3/8"OD Angle Valve
1SFUa33	1/2"Norm Push Fit x1/2"OD Angle Valve
1SFUb31	1/2"Norm Push Fit x1/4"OD Angle Valve
1SFUb32	1/2"Norm Push Fit x3/8"OD Angle Valve
1SFUb33	1/2"Norm Push Fit x1/2"OD Angle Valve
1SFU031	1/2"Norm Push Fit x1/4"OD Angle Valve
1SFU032	1/2"Norm Push Fit x3/8"OD Angle Valve
1SFU033	1/2"Norm Push Fit x1/2"OD Angle Valve

**PEX x PEX**

1SFP022	3/8"PEX X 3/8"PEX Angle Valve
1SFP033	1/2"PEX X 1/2"PEX Angle Valve

**Comp. x slip joint.**

1SFV133	1/2"Nom Comp x1/2" or 7/16"OD slip joint Angle Valve
1SFVa33	1/2"Nom Comp x1/2" or 7/16"OD slip joint Angle Valve
1SFVb33	1/2"Nom Comp x1/2" or 7/16"OD slip joint Angle Valve
1SFV033	1/2"Nom Comp x1/2" or 7/16"OD slip joint Angle Valve

**Straight Valve****Model No. Size and Description****PEX x SWT**

1SFA133	1/2"Pex x1/2"SWT Straight Valve
1SFAa33	1/2"Pex x1/2"SWT Straight Valve
1SFAb33	1/2"Pex x1/2"SWT Straight Valve
1SFA033	1/2"Pex x1/2"SWT Straight Valve

**Comp. x Comp.**

1SFB122	3/8" OD x 3/8" OD Straight Valve
1SFB142	5/8" OD x 3/8" OD Straight Valve
1SFB143	5/8" OD x 1/2" OD Straight Valve
1SFBa22	3/8" OD x 3/8" OD Straight Valve
1SFBa42	5/8" OD x 3/8" OD Straight Valve
1SFBa43	5/8" OD x 1/2" OD Straight Valve
1SFBb22	3/8" OD x 3/8" OD Straight Valve
1SFBb42	5/8" OD x 3/8" OD Straight Valve
1SFBb43	5/8" OD x 1/2" OD Straight Valve
1SFB022	3/8" OD x 3/8" OD Straight Valve
1SFB042	5/8"ODx3/8"OD Straight Valve
1SFB043	5/8" OD x 1/2" OD Straight Valve

**Comp. x slip joint**

1SFW143	5/8"ODx1/2"or 7/16"OD slip joint Straight Valve
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1SFWa43	5/8"ODx1/2"or 7/16"OD slip joint Straight Valve
1SFWb43	5/8"ODx1/2"or 7/16"OD slip joint Straight Valve
1SFW043	5/8"ODx1/2"or 7/16"OD slip joint Straight Valve
<b>FIP x Comp</b>	
1SFC122	3/8"FIPx3/8"OD Straight Valve
1SFC132	1/2"FIPx3/8"OD Straight Valve
1SFC133	1/2"FIPx1/2"or7/16"slip joint Straight Valve
1SFCa22	3/8"FIPx3/8"OD Straight Valve
1SFCa32	1/2"FIPx3/8"OD Straight Valve
1SFCa33	1/2"FIP x 1/2" or 7/16" slip joint Straight Valve
1SFCb22	3/8"FIP x 3/8"OD Straight Valve
1SFCb32	1/2"FIP x 3/8"OD Straight Valve
1SFCb33	1/2"FIP x 1/2" or 7/16" slip joint Straight Valve
1SFC022	3/8"FIPx3/8"OD Straight Valve
1SFC032	1/2"FIPx3/8"OD Straight Valve
1SFC033	1/2"FIPx1/2"or7/16"slip joint Straight Valve
<b>Solder x Comp</b>	
1SFE132	1/2"SWT x 3/8"OD Straight Valve
1SFE133	1/2"SWT x 1/2"OD Straight Valve
1SFEa32	1/2"SWT x 3/8"OD Straight Valve
1SFEa33	1/2"SWT x 1/2"OD Straight Valve
1SFEb32	1/2"SWT x 3/8"OD Straight Valve
1SFEb33	1/2"SWT x 1/2"OD Straight Valve
1SFE032	1/2"SWT x 3/8"OD Straight Valve
1SFE033	1/2"SWT x 1/2"OD Straight Valve
<b>Solder(5"EXT) x Comp</b>	
1SFX132	1/2"SWT(5"EXT) x 3/8"OD Straight Valve
1SFXa32	1/2"SWT(5"EXT) x 3/8"OD Straight Valve
1SFXb32	1/2"SWT(5"EXT) x 3/8"OD Straight Valve
1SFX032	1/2"SWT(5"EXT) x 3/8"OD Straight Valve
<b>CPVC x Comp</b>	
1SFF132	1/2"CPVC x 3/8"OD Straight Valve
1SFFa32	1/2"CPVC x 3/8"OD Straight Valve
1SFFb32	1/2"CPVC x 3/8"OD Straight Valve
1SFF032	1/2"CPVC x 3/8"OD Straight Valve
<b>PEX x Comp</b>	
1SFD132	1/2"Pex x3/8"OD Straight Valve
1SFDa32	1/2"Pex x3/8"OD Straight Valve
1SFDb32	1/2"Pex x3/8"OD Straight Valve
1SFD032	1/2"Pex x3/8"OD Straight Valve
1SFD031	1/2"Pex x1/4"OD Straight Valve CHROME
<b>PEX x PEX</b>	
1SFY133	1/2"Pex x1/2"Pex Straight Valve
1SFYa33	1/2"Pex x1/2"Pex Straight Valve
1SFYb33	1/2"Pex x1/2"Pex Straight Valve
1SFY033	1/2"Pex x1/2"Pex Straight Valve
1SFY022	3/8"Pex x3/8"Pex Straight Valve
1SFI033	1/2"PEX X 1/2"PEX STRT VLV with Drain
<b>Push Fit x Comp</b>	
1SFZ131	1/2"Norm Push Fit x1/4"OD Straight Valve
1SFZ132	1/2"Norm Push Fit x3/8"OD Straight Valve
1SFZ133	1/2"Norm Push Fit x1/2"OD Straight Valve
1SFZa31	1/2"Norm Push Fit x1/4"OD Straight Valve
1SFZa32	1/2"Norm Push Fit x3/8"OD Straight Valve
1SFZa33	1/2"Norm Push Fit x1/2"OD Straight Valve
1SFZb31	1/2"Norm Push Fit x1/4"OD Straight Valve
1SFZb32	1/2"Norm Push Fit x3/8"OD Straight Valve
1SFZb33	1/2"Norm Push Fit x1/2"OD Straight Valve
1SFZ031	1/2"Norm Push Fit x1/4"OD Straight Valve
1SFZ032	1/2"Norm Push Fit x3/8"OD Straight Valve
1SFZ033	1/2"Norm Push Fit x1/2"OD Straight Valve
<b>Push Fit x Push Fit</b>	
1SF1033	1/2" x1/2"Norm Push Fit straight valve
1SF2034	1/2" x1/2"Norm Push Fit angle valve
<b>FE x Comp</b>	
1SFO022	3/8FE X3/8OD COMP Straight Valve

## Dual Outlet Angle Valve

Model No.	Size and Description
<b>Comp. x Comp</b>	
1SFQ101	5/8"ODx3/8"ODx3/8"OD Dual outlet angle Valve
1SFQ102	5/8"ODx3/8"ODx1/4"OD Dual outlet angle Valve
1SFQa01	5/8"ODx3/8"ODx3/8"OD Dual outlet angle Valve
1SFQa02	5/8"ODx3/8"ODx1/4"OD Dual outlet angle Valve
1SFQb01	5/8"ODx3/8"ODx3/8"OD Dual outlet angle Valve
1SFQb02	5/8"ODx3/8"ODx1/4"OD Dual outlet angle Valve
1SFQ001	5/8"ODx3/8"ODx3/8"OD Dual outlet angle Valve
1SFQ002	5/8"ODx3/8"ODx1/4"OD Dual outlet angle Valve
<b>FIP x Comp</b>	
1SFN101	3/8"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFN102	1/2"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFN103	1/2"FIPx3/8"ODx1/2"OD Dual outlet angle Valve
1SFN104	1/2"FIPx3/8"ODx1/4"OD Dual outlet angle Valve
1SFNa01	3/8"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFNa02	1/2"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFNa03	1/2"FIPx3/8"ODx1/2"OD Dual outlet angle Valve
1SFNa04	1/2"FIPx3/8"ODx1/4"OD Dual outlet angle Valve
1SFNb01	3/8"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFNb02	1/2"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFNb03	1/2"FIPx3/8"ODx1/2"OD Dual outlet angle Valve
1SFNb04	1/2"FIPx3/8"ODx1/4"OD Dual outlet angle Valve
1SFN001	3/8"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFN002	1/2"FIPx3/8"ODx3/8"OD Dual outlet angle Valve
1SFN003	1/2"FIPx3/8"ODx1/2"OD Dual outlet angle Valve
1SFN004	1/2"FIPx3/8"ODx1/4"OD Dual outlet angle Valve
<b>PEX x Comp</b>	
1SFP101	1/2"PEXx3/8"ODx3/8"OD Dual outlet angle Valve
1SFPa01	1/2"PEXx3/8"ODx3/8"OD Dual outlet angle Valve,
1SFPb01	1/2"PEXx3/8"ODx3/8"OD Dual outlet angle Valve
1SFP001	1/2"PEXx3/8"ODx3/8"OD Dual outlet angle Valve

## Supply Stops – Angle Type

Model No.	Size and Description
<b>Comp.x Comp.</b>	
1SVG022	3/8"ODx3/8"OD angle stop
1SVG041	5/8"ODx1/4"OD angle stop
1SVG042	5/8"ODx3/8"OD angle stop
1SVG043	5/8"ODx1/2"OD angle stop
1SVGa22	3/8"ODx3/8"OD angle stop
1SVGa41	5/8"ODx1/4"OD angle stop
1SVGa42	5/8"ODx3/8"OD angle stop
1SVGa43	5/8"ODx1/2"OD angle stop
1SVGb22	3/8"ODx3/8"OD angle stop
1SVGb41	5/8"ODx1/4"OD angle stop
1SVGb42	5/8"ODx3/8"OD angle stop
1SVGb43	5/8"ODx1/2"OD angle stop
<b>FIP x Comp</b>	
1SVH022	3/8"FIPx3/8"OD angle stop
1SVH023	3/8"FIPx1/2"OD angle stop
1SVH031	1/2"FIPx1/4"OD angle stop
1SVH032	1/2"FIPx3/8"OD angle stop
1SVH033	1/2"FIPx1/2"OD angle stop
1SVHa22	3/8"FIPx3/8"OD angle stop
1SVHa23	3/8"FIPx1/2"OD angle stop
1SVHa31	1/2"FIPx1/4"OD angle stop
1SVHa32	1/2"FIPx3/8"OD angle stop
1SVHa33	1/2"FIPx1/2"OD angle stop
1SVHb22	3/8"FIPx3/8"OD angle stop
1SVHb23	3/8"FIPx1/2"OD angle stop
1SVHb31	1/2"FIPx1/4"OD angle stop
1SVHb32	1/2"FIPx3/8"OD angle stop
1SVHb33	1/2"FIPx1/2"OD angle stop
<b>Sweat x Comp</b>	
1SVJ032	1/2"SWT x 3/8"OD angle stop
1SVJ033	1/2"SWT x 1/2"OD angle stop
1SVJa32	1/2"SWT x 3/8"OD angle stop
1SVJa33	1/2"SWT x 1/2"OD angle stop
1SVJb32	1/2"SWT x 3/8"OD angle stop



1SVJb33	1/2"SWT x 1/2"OD angle stop
<b>CPVC x Comp</b>	
1SVK032	1/2"CPVC x3/8"OD angle stop
1SVKa32	1/2"CPVC x3/8"OD angle stop
1SVKb32	1/2"CPVC x3/8"OD angle stop
<b>PEX x Comp</b>	
1SVN032	1/2"PEX x3/8"OD angle stop
1SVNa32	1/2"PEX x3/8"OD angle stop
1SVNb32	1/2"PEX x3/8"OD angle stop
<b>PEX x Hose thread</b>	
1SVX035	1/2"Pex x3/4" Hose Thread
1SVXa35	1/2"Pex x3/4" Hose Thread
1SVXb35	1/2"Pex x3/4" Hose Thread
<b>Sweat ( 5"EXT) x Comp</b>	
1SVP032	1/2"SWT(5"EXT) x 3/8"OD angle stop
1SVPa32	1/2"SWT(5"EXT) x 3/8"OD angle stop
1SVPb32	1/2"SWT(5"EXT) x 3/8"OD angle stop
<b>Slip joint</b>	
1SVL032	1/2"FIPx1/2"or7/16"slip joint angle stop
1SVL043	5/8"ODx1/2"or7/16"slip joint angle stop
1SVL030	1/2"SWTx1/2"or7/16"slip joint angle stop
1SVLa32	1/2"FIPx1/2"or7/16"slip joint angle stop
1SVLa43	5/8"ODx1/2"or7/16"slip joint angle stop
1SVLa30	1/2"SWTx1/2"or7/16"slip joint angle stop
1SVLb32	1/2"FIPx1/2"or7/16"slip joint angle stop
1SVLb43	5/8"ODx1/2"or7/16"slip joint angle stop
1SVLb30	1/2"SWTx1/2"or7/16"slip joint angle stop
<b>Push Fit x Comp</b>	
1SVM031	1/2"Norm Pushfit x 1/4"OD angle stop
1SVM032	1/2"Norm Pushfit x 3/8"OD angle stop
1SVM033	1/2"Norm Pushfit x 1/2"OD angle stop
1SVMa31	1/2"Norm Pushfit x 1/4"OD angle stop
1SVMa32	1/2"Norm Pushfit x 3/8"OD angle stop
1SVMa33	1/2"Norm Pushfit x 1/2"OD angle stop
1SVMb31	1/2"Norm Pushfit x 1/4"OD angle stop
1SVMb32	1/2"Norm Pushfit x 3/8"OD angle stop
1SVMb33	1/2"Norm Pushfit x 1/2"OD angle stop

## Supply Stops – Straight Type

Model No.	Size and Description
<b>Comp.x Comp.</b>	
1SVA022	3/8"ODx3/8"OD straight stop
1SVA041	1/4"ODx1/4"OD straight stop
1SVA042	5/8"ODx3/8"OD straight stop
1SVA033	5/8"ODx1/2"OD straight stop
1SVAa22	3/8"ODx3/8"OD straight stop
1SVAa41	1/4"ODx1/4"OD straight stop
1SVAa42	5/8"ODx3/8"OD straight stop
1SVAa33	5/8"ODx1/2"OD straight stop
1SVAb22	3/8"ODx3/8"OD straight stop
1SVAb41	1/4"ODx1/4"OD straight stop
1SVAb42	5/8"ODx3/8"OD straight stop
1SVAb33	5/8"ODx1/2"OD straight stop
<b>FIP x Comp</b>	
1SVB022	3/8"FIPx3/8"OD straight stop
1SVB023	3/8"FIPx1/2"OD straight stop
1SVB032	1/2"FIPx3/8"OD straight stop
1SVB033	1/2"FIPx1/2"OD straight stop
1SVBa22	3/8"FIPx3/8"OD straight stop
1SVBa23	3/8"FIPx1/2"OD straight stop
1SVBa32	1/2"FIPx3/8"OD straight stop
1SVBa33	1/2"FIPx1/2"OD straight stop
1SVBb22	3/8"FIPx3/8"OD straight stop
1SVBb23	3/8"FIPx1/2"OD straight stop
1SVBb32	1/2"FIPx3/8"OD straight stop
1SVBb33	1/2"FIPx1/2"OD straight stop
<b>Sweat x Comp</b>	
1SVC032	1/2"SWT x 3/8"OD straight stop
1SVC033	1/2"SWT x 1/2"OD straight stop
1SVCa32	1/2"SWT x 3/8"OD straight stop
1SVCa33	1/2"SWT x 1/2"OD straight stop

1SVCb32 1/2"SWT x 3/8"OD straight stop  
 1SVCb33 1/2"SWT x 1/2"OD straight stop

**CPVC x Comp**

1SVD032 1/2"CPVC x3/8"OD straight stop  
 1SVDa32 1/2"CPVC x3/8"OD straight stop  
 1SVDb32 1/2"CPVC x3/8"OD straight stop

**PEX x Comp**

1SVE032 1/2"PEX x3/8"OD straight stop  
 1SVEa32 1/2"PEX x3/8"OD straight stop  
 1SVEb32 1/2"PEX x3/8"OD straight stop

**PEX x MPT**

1SVY033 1/2"PEX x1/2"MPT straight stop  
 1SVYa33 1/2"PEX x1/2"MPT straight stop  
 1SVYb33 1/2"PEX x1/2"MPT straight stop

**PEX x PEX**

1SVZ032 1/2"PEX x3/8"PEX straight stop  
 1SVZ033 1/2"PEX x1/2"PEX straight stop  
 1SVZa32 1/2"PEX x3/8"PEX straight stop  
 1SVZa33 1/2"PEX x1/2"PEX straight stop  
 1SVZb32 1/2"PEX x3/8"PEX straight stop  
 1SVZb33 1/2"PEX x1/2"PEX straight stop

**Sweat(5"EXT) x Comp**

1SVF032 1/2"SWT(5"EXT) x 3/8"OD straight stop  
 1SVFa32 1/2"SWT(5"EXT) x 3/8"OD straight stop  
 1SVFb32 1/2"SWT(5"EXT) x 3/8"OD straight stop

**Push Fit x Comp**

1SVW031 1/2"Norm Push Fit x 1/4"OD straight stop  
 1SVW032 1/2"Norm Push Fit x 3/8"OD straight stop  
 1SVW033 1/2"Norm Push Fit x 1/2"OD straight stop  
 1SVWa31 1/2"Norm Push Fit x 1/4"OD straight stop  
 1SVWa32 1/2"Norm Push Fit x 3/8"OD straight stop  
 1SVWa33 1/2"Norm Push Fit x 1/2"OD straight stop  
 1SVWb31 1/2"Norm Push Fit x 1/4"OD straight stop  
 1SVWb32 1/2"Norm Push Fit x 3/8"OD straight stop  
 1SVWb33 1/2"Norm Push Fit x 1/2"OD straight stop

**Supply Stops – Tee Type**

**Model No. Size and Description**

**Comp.x Comp.**

1SVS001 1/2"ODx1/2"ODx3/8"OD tee stop  
 1SVS002 5/8"ODx1/2"ODx3/8"OD tee stop  
 1SVS003 5/8"ODx3/8"ODx1/4"OD tee stop  
 1SVS004 5/8"ODx3/8"ODx3/8"OD tee stop  
 1SVSa01 1/2"ODx1/2"ODx3/8"OD tee stop  
 1SVSa02 5/8"ODx1/2"ODx3/8"OD tee stop  
 1SVSa03 5/8"ODx3/8"ODx1/4"OD tee stop  
 1SVSa04 5/8"ODx3/8"ODx3/8"OD tee stop  
 1SVSb01 1/2"ODx1/2"ODx3/8"OD tee stop  
 1SVSb02 5/8"ODx1/2"ODx3/8"OD tee stop  
 1SVSb03 5/8"ODx3/8"ODx1/4"OD tee stop  
 1SVSb04 5/8"ODx3/8"ODx3/8"OD tee stop

**FIP x Comp.**

1SVT001 3/8"FIPx3/8"ODx3/8"OD tee stop  
 1SVT002 1/2"FIPx3/8"ODx3/8"OD tee stop  
 1SVT003 1/2"FIPx3/8"ODx1/2"OD tee stop  
 1SVT004 1/2"FIPx3/8"ODx1/4"OD tee stop  
 1SVTa01 3/8"FIPx3/8"ODx3/8"OD tee stop  
 1SVTa02 1/2"FIPx3/8"ODx3/8"OD tee stop  
 1SVTa03 1/2"FIPx3/8"ODx1/2"OD tee stop  
 1SVTa04 1/2"FIPx3/8"ODx1/4"OD tee stop  
 1SVTb01 3/8"FIPx3/8"ODx3/8"OD tee stop  
 1SVTb02 1/2"FIPx3/8"ODx3/8"OD tee stop  
 1SVTb03 1/2"FIPx3/8"ODx1/2"OD tee stop  
 1SVTb04 1/2"FIPx3/8"ODx1/4"OD tee stop

**PEX x Comp.**

1SVU001 1/2"PEXx3/8"ODx3/8"OD tee stop  
 1SVUa01 1/2"PEXx3/8"ODx3/8"OD tee stop  
 1SVUb01 1/2"PEXx3/8"ODx3/8"OD tee stop

**Dual Handle**

1SVV001 3/8"ODx3/8"ODx5/8"OD dual handle stop  
 1SVV002 3/8"ODx1/4"ODx5/8"OD dual handle stop

1SVV003	3/8"ODx3/8"ODx1/2"FIP dual handle stop
1SVV004	3/8"ODx1/4"ODx1/2"FIP dual handle stop
1SVVa01	3/8"ODx3/8"ODx5/8"OD dual handle stop
1SVVa02	3/8"ODx1/4"ODx5/8"OD dual handle stop
1SVVa03	3/8"ODx3/8"ODx1/2"FIP dual handle stop
1SVVa04	3/8"ODx1/4"ODx1/2"FIP dual handle stop
1SVVb01	3/8"ODx3/8"ODx5/8"OD dual handle stop
1SVVb02	3/8"ODx1/4"ODx5/8"OD dual handle stop
1SVVb03	3/8"ODx3/8"ODx1/2"FIP dual handle stop
1SVVb04	3/8"ODx1/4"ODx1/2"FIP dual handle stop

## Angle Valve with Hose Connector

<b>Model No.</b>	<b>Size and Description</b>
4GBV001	1/2 Push Fit x 1/2 FPT Swivel W/Nut Angle Valve with 22" hose connector for faucet
4GBV102	1/2 Push Fit x 7/8FPT Swivel W/plastic Nut Angle Valve with 18" hose connector for toilet
4GBW001	1/2 FPT Swivel w/Nut x 1/2 FPT Swivel w/Nut Angle Valve with 22" hose connector for faucet
4GBW102	1/2 FPT Swivel w/Nut x7/8FPT Swivel w/plastic Nut Angle Valve with 18" hose connector for toilet
4GBX013	1/2" PEX Straight 1/2"FIP (Brass or Plastic Nut) 12" Stainless Steel Braided Faucet
4GBY013	3/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 12" Stainless Steel Braided Faucet
4GBY016	5/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 12" Stainless Steel Braided Faucet
4GBV013	1/2" Push Fit Straight 1/2"FIP (Brass or Plastic Nut) 12" Stainless Steel Braided Faucet
4GBX113	1/2" PEX Straight 7/8" Ballcock Nut 12" Stainless Steel Braided Toilet
4GBY113	3/8" OD Straight 7/8" Ballcock Nut 12" Stainless Steel Braided Toilet
4GBY116	5/8" OD Straight 7/8" Ballcock Nut 12" Stainless Steel Braided Toilet
4GBV113	1/2" Push Fit Straight 7/8" Ballcock Nut 12" Stainless Steel Braided Toilet
4GBX014	1/2" PEX Straight 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBY014	3/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBY017	5/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBV014	1/2" Push Fit Straight 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBX114	1/2" PEX Straight 7/8" Ballcock Nut 16" Stainless Steel Braided Toilet
4GBY114	3/8" OD Straight 7/8" Ballcock Nut 16" Stainless Steel Braided Toilet
4GBY117	5/8" OD Straight 7/8" Ballcock Nut 16" Stainless Steel Braided Toilet
4GBV114	1/2" Push Fit Straight 7/8" Ballcock Nut 16" Stainless Steel Braided Toilet
4GBX015	1/2" PEX Straight 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braided Faucet
4GBY015	3/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braided Faucet
4GBY018	5/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braided Faucet
4GBV015	1/2" Push Fit Straight 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braided Faucet
4GBX115	1/2" PEX Straight 7/8" Ballcock Nut 20" Stainless Steel Braided Toilet
4GBY115	3/8" OD Straight 7/8" Ballcock Nut 20" Stainless Steel Braided Toilet
4GBY118	5/8" OD Straight 7/8" Ballcock Nut 20" Stainless Steel Braided Toilet
4GBV115	1/2" Push Fit Straight 7/8" Ballcock Nut 20" Stainless Steel Braided Toilet
4PBX013	1/2" PEX Straight 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBY013	3/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBY016	5/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBV013	1/2" Push Fit Straight 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBX113	1/2" PEX Straight 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBY113	3/8" OD Straight 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBY116	5/8" OD Straight 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBV113	1/2" Push Fit Straight 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBX014	1/2" PEX Straight 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBY014	3/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBY017	5/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBV014	1/2" Push Fit Straight 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBX114	1/2" PEX Straight 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBY114	3/8" OD Straight 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBY117	5/8" OD Straight 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBV114	1/2" Push Fit Straight 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBX015	1/2" PEX Straight 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBY015	3/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBY018	5/8" OD Straight 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBV015	1/2" Push Fit Straight 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBX115	1/2" PEX Straight 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4PBY115	3/8" OD Straight 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4PBY118	5/8" OD Straight 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4PBV115	1/2" Push Fit Straight 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4GBX003	1/2" PEX Angle 1/2"FIP (Brass or Plastic Nut) 12" Stainless Steel Braided Faucet
4GBY003	3/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 12" Stainless Steel Braided Faucet
4GBX004	1/2" PEX Angle 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBY004	3/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBY007	5/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet
4GBV004	1/2" Push Fit Angle 1/2"FIP (Brass or Plastic Nut) 16" Stainless Steel Braided Faucet



4GBX104	1/2" PEX Angle 7/8" Ballcock Nut 16" Stainless Steel Braded Toilet
4GBY104	3/8" OD Angle 7/8" Ballcock Nut 16" Stainless Steel Braded Toilet
4GBY107	5/8" OD Angle 7/8" Ballcock Nut 16" Stainless Steel Braded Toilet
4GBV104	1/2" Push Fit Angle 7/8" Ballcock Nut 16" Stainless Steel Braded Toilet
4GBX005	1/2" PEX Angle 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braded Faucet
4GBY005	3/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braded Faucet
4GBY008	5/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braded Faucet
4GBV005	1/2" Push Fit Angle 1/2"FIP (Brass or Plastic Nut) 20" Stainless Steel Braded Faucet
4GBX105	1/2" PEX Angle 7/8" Ballcock Nut 20" Stainless Steel Braded Toilet
4GBY105	3/8" OD Angle 7/8" Ballcock Nut 20" Stainless Steel Braded Toilet
4GBY108	5/8" OD Angle 7/8" Ballcock Nut 20" Stainless Steel Braded Toilet
4GBV105	1/2" Push Fit Angle 7/8" Ballcock Nut 20" Stainless Steel Braded Toilet
4PBX003	1/2" PEX Angle 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBY003	3/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBY006	5/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBV003	1/2" Push Fit Angle 1/2"FIP (Brass or Plastic Nut) 12" PVC Nylon Reinforced Faucet
4PBX103	1/2" PEX Angle 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBY103	3/8" OD Angle 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBY106	5/8" OD Angle 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBV103	1/2" Push Fit Angle 7/8" Ballcock Nut 12" PVC Nylon Reinforced Toilet
4PBX004	1/2" PEX Angle 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBY004	3/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBY007	5/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBV004	1/2" Push Fit Angle 1/2"FIP (Brass or Plastic Nut) 16" PVC Nylon Reinforced Faucet
4PBX104	1/2" PEX Angle 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBY104	3/8" OD Angle 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBY107	5/8" OD Angle 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBV104	1/2" Push Fit Angle 7/8" Ballcock Nut 16" PVC Nylon Reinforced Toilet
4PBX005	1/2" PEX Angle 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBY005	3/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBY008	5/8" OD Angle 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBV005	1/2" Push Fit Angle 1/2"FIP (Brass or Plastic Nut) 20" PVC Nylon Reinforced Faucet
4PBX105	1/2" PEX Angle 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4PBY105	3/8" OD Angle 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4PBY108	5/8" OD Angle 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet
4PBV105	1/2" Push Fit Angle 7/8" Ballcock Nut 20" PVC Nylon Reinforced Toilet

**Heavy Brass Stop**

<b>Model No.</b>	<b>Size and Description</b>
1SWA004	Valve Heavy Stop FIP 1/2"
1SWA006	Valve Heavy Stop FIP 3/4"
1SWB004	Valve Heavy Stop CXC 1/2"
1SWB006	Valve Heavy Stop CXC 3/4"

**Heavy Brass Stop & Waste**

<b>Model No.</b>	<b>Size and Description</b>
1SWF004	Valve Heavy Stop & Waste FIP 1/2"
1SWF006	Valve Heavy Stop & Waste FIP 3/4"

**Heavy Brass Stop & Waste Valve**

<b>Model No.</b>	<b>Size and Description</b>
1SWG004	Valve Heavy Stop & Waste CXC 1/2"
1SWG006	Valve Heavy Stop & Waste CXC 3/4"

**Brass Stop Valve**

<b>Model No.</b>	<b>Size and Description</b>
1SWK002	Valve Stop FIP 1/4"
1SWK003	Valve Stop FIP 3/8"
1SWK004	Valve Stop FIP 1/2"
1SWK006	Valve Stop FIP 3/4"
1SWL003	Valve Stop CXC 3/8"
1SWL004	Valve Stop CXC 1/2"
1SWL006	Valve Stop CXC 3/4"

**Brass Stop & Waste Valve**

<b>Model No.</b>	<b>Size and Description</b>
1SWM004	Valve Stop & Waste FIP 1/2"
1SWM006	Valve Stop & Waste FIP 3/4"
1SWN003	Valve Stop & Waste CXC 3/8"
1SWN004	Valve Stop & Waste CXC 1/2"
1SWN006	Valve Stop & Waste CXC 3/4"

## Brass Stop Valve Compression Connection

<b>Model No.</b>	<b>Size and Description</b>
1SWC004	Valve Stop Compression Connection 1/2"(5/8"O.D.)
1SWC006	Valve Stop Compression Connection 3/4"(7/8"O.D.)

## Brass Stop &amp; Waste Valve Compression Connection

<b>Model No.</b>	<b>Size and Description</b>
1SWH004	Valve Stop & Waste Compression Connection 1/2"(5/8"O.D.)
1SWH006	Valve Stop & Waste Compression Connection 3/4"(7/8"O.D.)

## Brass Angle Stop

<b>Model No.</b>	<b>Size and Description</b>
1SWP004	Valve Angle Stop FIP 1/2"
1SWQ004	Valve Angle Stop CXC 1/2"
1SWQ006	Valve Angle Stop CXC 3/4"

## Brass PEX Stop Valve

<b>Model No.</b>	<b>Size and Description</b>
1SWD004	Valve Stop PEX 1/2"
1SWD006	Valve Stop PEX 3/4"

## Brass PEX Stop &amp; Waste Valve

<b>Model No.</b>	<b>Size and Description</b>
1SWJ004	Valve Stop & Waste PEX 1/2"
1SWJ006	Valve Stop & Waste PEX 3/4"

## Supply Stop Valve

<b>Model No.</b>	<b>Size and Description</b>
1SFP122	3/8"PEX X 3/8"PEX Angle Valve
1SFP133	1/2"PEX X 1/2"PEX Angle Valve
1SFY122	3/8"PEX X 3/8"PEX Straight Valve
1SFI133	1/2"PEX X 1/2"PEX Straight Valve with Drain
1SFO122	3/8"FE X 3/8"OD COMP Straight Valve
1SFG140	1/2"Male X 1/4"OD Angle Valve (Ice maker)
1SF1133	1/2"x1/2"Norm Push Fit straight valve
1SF2134	1/2"x1/2"Norm Push Fit angle valve
1SFPa22	3/8"PEX X 3/8"PEX Angle Valve
1SFPa33	1/2"PEX X 1/2"PEX Angle Valve
1SFYa22	3/8"PEX X 3/8"PEX Straight Valve
1SFIa33	1/2"PEX X 1/2"PEX Straight Valve with Drain
1SFOa22	3/8"FE X 3/8"OD COMP Straight Valve
1SFGa40	1/2 Male x1/4"OD Angle Valve (Ice maker)
1SFDa31	1/2" PEX x 1/4"OD Straight Valve Chrome finish
1SFPb22	3/8"PEX X 3/8"PEX Angle Valve
1SFPb33	1/2"PEX X 1/2"PEX Angle Valve
1SFYb22	3/8"PEX X 3/8"PEX Straight Valve
1SFIb33	1/2"PEX X 1/2"PEX Straight Valve with Drain
1SFOb22	3/8"FE X 3/8"OD COMP Straight Valve
1SFGb40	1/2" Male X 1/4"OD Angle Valve (Ice maker)
1SFDb31	1/2" PEX X 1/4" OD Straight Valve Chrome finish
1SF3b33	1/2" PEX x 1/2" MIP Straight Valve
1SF4b34	1/2" PEX x 3/4" Washing Machine Valve

## Angle Valve

<b>Model No.</b>	<b>Size and Description</b>
1SF5122	3/8" FE x 3/8" OD COMP Angle Valve

## Cold expansion PEX angle supply stops:

<b>Model No.</b>	<b>Size and Description</b>
1SF6132	1/2" Cold expansion PEX x 3/8"OD
1SF6131	1/2" Cold expansion PEX x 1/4"OD
1SF8133	1/2" Cold expansion PEX x 1/2" Cold expansion PEX

## Cold expansion PEX straight supply stops:

<b>Model No.</b>	<b>Size and Description</b>
1SF7132	1/2" Cold expansion PEX x 3/8"OD
1SF7131	1/2" Cold expansion PEX x 1/4"OD
1SF9133	1/2" Cold expansion PEX x 1/2" Cold expansion PEX

## Push-fit Angle Valve (Quarter Turn)

<b>Model No.</b>	<b>Size and Description</b>
1SPAa32	1/2" compact Push-fit Inlet x 3/8" O.D. Comp. Outlet - Right Angle 1/4 Turn Valve
1SPBa32	1/2" compact Push-fit Inlet x 3/8" O.D. Comp. Outlet – In-Line 1/4 Turn Valve
1SPAa31	1/2" compact Push-fit Inlet x 1/4" O.D. Comp. Outlet - Right Angle 1/4 Turn Valve
1SPBa31	1/2" compact Push-fit Inlet x 1/4" O.D. Comp. Outlet – In-Line 1/4 Turn Valve
1SPCa31	Angled Quarter Turn Stop Ball Valve 1/2" x 1/4" compact push-fit
1SPDa31	Straight Quarter Turn Stop Ball Valve 1/2" x 1/4" compact push-fit
1SPEa33	1/2" compact push-fit x 1/2" Compression Stop Valve - Right Angle
1SPFa33	1/2" compact push-fit x 1/2" Compression Stop Valve – Straight
1SPGa33	1/2" compact Push-fit x 1/2" compact Push-fit Angle 1/4" Turn Supply Stop
1SPHa33	1/2" compact Push-fit x 1/2" compact Push-fit Straight 1/4" Turn Supply Stop
1SPAb32	1/2" compact Push fit Inlet x 3/8" O.D. Comp. Outlet - Right Angle 1/4 Turn Valve
1SPBb32	1/2" compact Push fit Inlet x 3/8" O.D. Comp. Outlet - In-Line 1/4 Turn Valve
1SPAb31	1/2" compact Push fit Inlet x 1/4" O.D. Comp. Outlet - Right Angle 1/4 Turn Valve
1SPBb31	1/2" compact Push fit Inlet x 1/4" O.D. Comp. Outlet - In-Line 1/4 Turn Valve
1SPCb31	Angled Quarter Turn Stop Ball Valve 1/2" x 1/4" compact push fit
1SPDb31	Straight Quarter Turn Stop Ball Valve 1/2" x 1/4" compact push fit
1SPHa33	1/2" compact push fit x 1/2" Compression Stop Valve - Right Angle
1SPFb33	1/2" compact push fit x 1/2" Compression Stop Valve – Straight
1SPGb33	1/2" compact Push Fit x 1/2" compact Push Fit Angle 1/4" Turn Supply Stops
1SPHb33	1/2" compact Push Fit x 1/2" compact Push Fit Straight 1/4" Turn Supply Stops
1SPAc32	1/2" compact Push fit Inlet x 3/8" O.D. Comp. Outlet - Right Angle 1/4 Turn Valve
1SPBc32	1/2" compact Push fit Inlet x 3/8" O.D. Comp. Outlet - In-Line 1/4 Turn Valve
1SPAc31	1/2" compact Push fit Inlet x 1/4" O.D. Comp. Outlet - Right Angle 1/4 Turn Valve
1SPBc31	1/2" compact Push fit Inlet x 1/4" O.D. Comp. Outlet - In-Line 1/4 Turn Valve
1SPCc31	Angled Quarter Turn Stop Ball Valve 1/2" x 1/4" compact push fit
1SPDc31	Straight Quarter Turn Stop Ball Valve 1/2" x 1/4" compact push fit
1SPEc33	1/2" compact push fit x 1/2" Compression Stop Valve - Right Angle
1SPFc33	1/2" compact push fit x 1/2" Compression Stop Valve – Straight
1SPGc33	1/2" compact Push Fit x 1/2" compact Push Fit Angle 1/4" Turn Supply Stops
1SPHc33	1/2" compact Push Fit x 1/2" compact Push Fit Straight 1/4" Turn Supply Stops

## Conditions of Listing:

1. The Angle Valves and Supply Stops must be installed in accordance with the manufacturer's published installation instructions and the applicable codes.
2. The Angle Valves and Supply Stops are manufactured by IDC Plumbing and Heating in Jiaxing, Zhejiang, China, under a quality control program with annual surveillance inspections by ICC-ES.

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