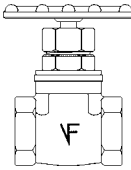
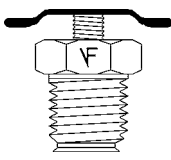
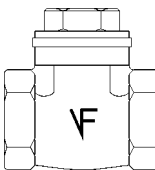
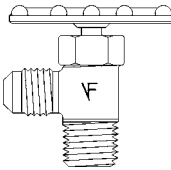
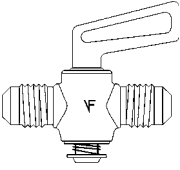
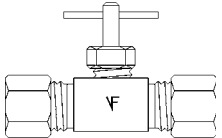
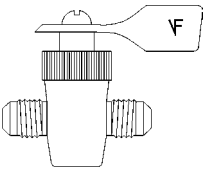
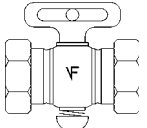
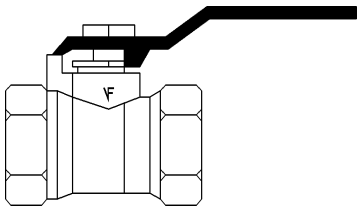


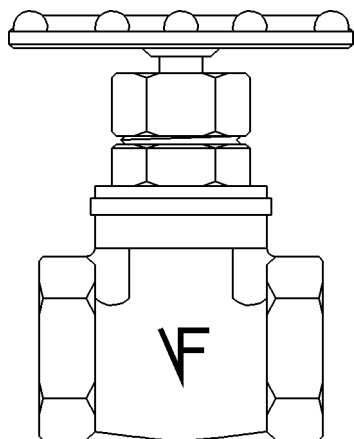
VALVES

<i>GATE VALVES</i>		<i>PAGE 66</i>
<i>DRAIN COCKS</i>		<i>PAGES 66-67</i>
<i>SWING CHECK</i>		<i>PAGE 67</i>
<i>TRUCK</i>		<i>PAGE 67</i>
<i>SPRING LOADED</i>		<i>PAGES 68-69</i>
<i>NEEDLE SEAT</i>		<i>PAGES 69-71</i>
<i>SOLID BOTTOM</i>		<i>PAGE 71</i>
<i>AIR COCKS</i>		<i>PAGES 72-73</i>
<i>BALL VALVES</i>		<i>PAGES 74-75</i>

VALVES

Gate Valves

Non-rising stem design, with a solid wedge shaped disc. Available with pipe threaded or solder type ports. Working pressure up to 200 P.S.I. at +73°F non-shock water, oil and gas.



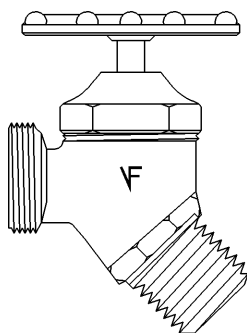
With Pipe Ports

<i>Part No</i>	<i>Pipe</i>
217-B	1/4
217-C	3/8
217-D	1/2
217-E	3/4
217-F	1
217-G	1-1/4
217-H	1-1/2
217-I	2
217-J	2-1/2
217-K	3
217-L	4

With Solder Ports

<i>Part No</i>	<i>Copper Pipe</i>
SW217-D	1/2
SW217-E	3/4
SW217-F	1
SW217-G	1-1/4
SW217-H	1-1/2
SW217-I	2

45° Angle Boiler Drain (3/4-11½ N.H. x male pipe)

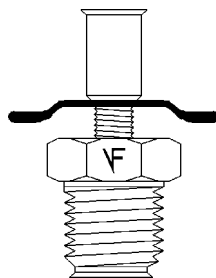


<i>Part No</i>	<i>Pipe</i>
224-D	1/2
224-E	3/4

Drain Cocks

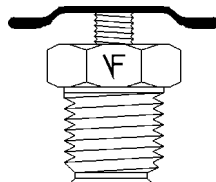
Designed for automotive and industrial use. Metal to metal seats require only hand tightening for leakproof seal. Working pressures of up to 150 P.S.I. maximum.

External Seat (with bibb extension)



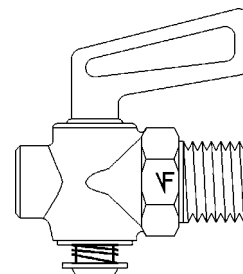
<i>Part No</i>	<i>Pipe</i>
239-B	1/4

External Seat



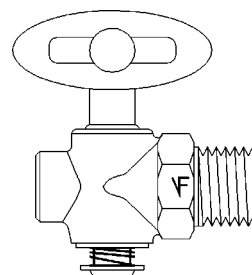
<i>Part No</i>	<i>Pipe</i>
240-A	1/8
240-B	1/4
240-C	3/8
240-D	1/2

Ground Plug Drain Valve (lever handle)



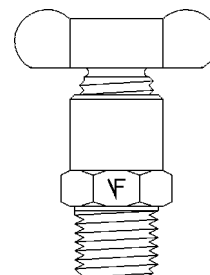
<i>Part No</i>	<i>Pipe</i>
241-A	1/8
241-B	1/4
241-C	3/8
241-D	1/2

Ground Plug Drain Valve (" T " handle)



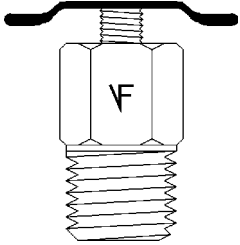
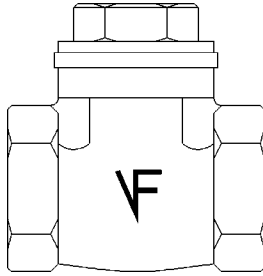
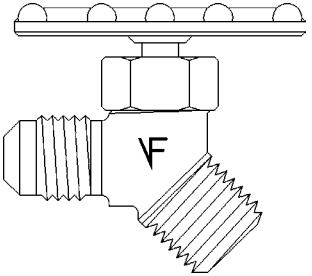
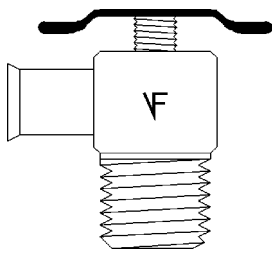
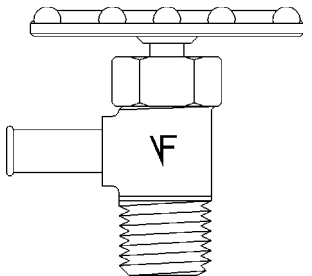
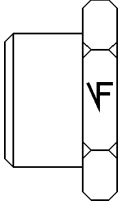
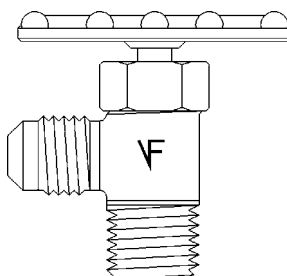
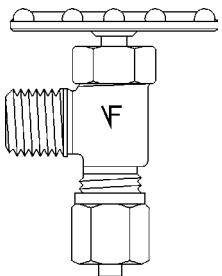
<i>Part No</i>	<i>Pipe</i>
T241-B	1/4

Brass Two Piece (internal seat)



<i>Part No</i>	<i>Pipe</i>
242-A	1/8
242-B	1/4
242-C	3/8

VALVES

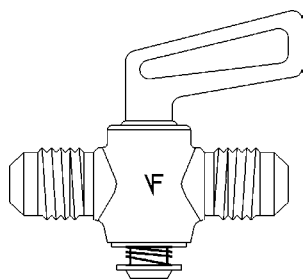
<p style="text-align: center;">Steel Handle Two Piece (internal seat)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>243-A</td> <td style="text-align: right;">1/8</td> </tr> <tr> <td>243-B</td> <td style="text-align: right;">1/4</td> </tr> </tbody> </table>	Part No	Pipe	243-A	1/8	243-B	1/4	<p style="text-align: center;">Swing Check Valve (200P.S.I. WOG)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>293-D</td> <td style="text-align: right;">1/2</td> </tr> <tr> <td>293-E</td> <td style="text-align: right;">3/4</td> </tr> <tr> <td>293-F</td> <td style="text-align: right;">1</td> </tr> <tr> <td>293-G</td> <td style="text-align: right;">1-1/4</td> </tr> <tr> <td>293-H</td> <td style="text-align: right;">1-1/2</td> </tr> <tr> <td>293-I</td> <td style="text-align: right;">2</td> </tr> <tr> <td>293-J</td> <td style="text-align: right;">2-1/2</td> </tr> <tr> <td>293-K</td> <td style="text-align: right;">3</td> </tr> <tr> <td>293-L</td> <td style="text-align: right;">4</td> </tr> </tbody> </table>	Part No	Pipe	293-D	1/2	293-E	3/4	293-F	1	293-G	1-1/4	293-H	1-1/2	293-I	2	293-J	2-1/2	293-K	3	293-L	4	<p style="text-align: center;">45° Truck Valve (flare x male pipe)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Tube</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>1054-6D</td> <td style="text-align: right;">3/8</td> <td style="text-align: right;">1/2</td> </tr> <tr> <td>1054-6E</td> <td style="text-align: right;">3/8</td> <td style="text-align: right;">3/4</td> </tr> <tr> <td>1054-8E</td> <td style="text-align: right;">1/2</td> <td style="text-align: right;">3/4</td> </tr> </tbody> </table>	Part No	Tube	Pipe	1054-6D	3/8	1/2	1054-6E	3/8	3/4	1054-8E	1/2	3/4
Part No	Pipe																																							
243-A	1/8																																							
243-B	1/4																																							
Part No	Pipe																																							
293-D	1/2																																							
293-E	3/4																																							
293-F	1																																							
293-G	1-1/4																																							
293-H	1-1/2																																							
293-I	2																																							
293-J	2-1/2																																							
293-K	3																																							
293-L	4																																							
Part No	Tube	Pipe																																						
1054-6D	3/8	1/2																																						
1054-6E	3/8	3/4																																						
1054-8E	1/2	3/4																																						
<p style="text-align: center;">90° Two Piece Extended Bibb (internal Seat)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>245-A</td> <td style="text-align: right;">1/8</td> </tr> <tr> <td>245-B</td> <td style="text-align: right;">1/4</td> </tr> </tbody> </table>	Part No	Pipe	245-A	1/8	245-B	1/4	<p style="text-align: center;">Truck Valves</p> <p>This series of valves, have metal to metal seats and incorporate a fine thread on the valve stem to allow fine adjustment of flow up to the flow limit of the valve. This series is rated at 30 P.S.I. at 73°F.</p>	<p style="text-align: center;">90° Truck Valve (hose x male pipe)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Hose</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>1139-6C</td> <td style="text-align: right;">3/8</td> <td style="text-align: right;">3/8</td> </tr> <tr> <td>1139-8C</td> <td style="text-align: right;">1/2</td> <td style="text-align: right;">3/8</td> </tr> <tr> <td>1139-10C</td> <td style="text-align: right;">5/8</td> <td style="text-align: right;">3/8</td> </tr> <tr> <td>1139-10D</td> <td style="text-align: right;">5/8</td> <td style="text-align: right;">1/2</td> </tr> <tr> <td>1139-12C</td> <td style="text-align: right;">3/4</td> <td style="text-align: right;">3/8</td> </tr> <tr> <td>1139-12D</td> <td style="text-align: right;">3/4</td> <td style="text-align: right;">1/2</td> </tr> </tbody> </table>	Part No	Hose	Pipe	1139-6C	3/8	3/8	1139-8C	1/2	3/8	1139-10C	5/8	3/8	1139-10D	5/8	1/2	1139-12C	3/4	3/8	1139-12D	3/4	1/2											
Part No	Pipe																																							
245-A	1/8																																							
245-B	1/4																																							
Part No	Hose	Pipe																																						
1139-6C	3/8	3/8																																						
1139-8C	1/2	3/8																																						
1139-10C	5/8	3/8																																						
1139-10D	5/8	1/2																																						
1139-12C	3/4	3/8																																						
1139-12D	3/4	1/2																																						
<p style="text-align: center;">Radiator Drain Flange (female pipe)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr> <td>1500-B</td> <td>HEX 1/4</td> </tr> <tr> <td>1500-BR</td> <td>ROUND 1/4</td> </tr> </tbody> </table>	Part No	Pipe	1500-B	HEX 1/4	1500-BR	ROUND 1/4	<p style="text-align: center;">90° Truck Valve (flare x male pipe)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Tube</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>1049-6B</td> <td style="text-align: right;">3/8</td> <td style="text-align: right;">1/4</td> </tr> <tr> <td>1049-6C</td> <td style="text-align: right;">3/8</td> <td style="text-align: right;">3/8</td> </tr> <tr> <td>1049-6D</td> <td style="text-align: right;">3/8</td> <td style="text-align: right;">1/2</td> </tr> <tr> <td>1049-8C</td> <td style="text-align: right;">1/2</td> <td style="text-align: right;">3/8</td> </tr> <tr> <td>1049-8D</td> <td style="text-align: right;">1/2</td> <td style="text-align: right;">1/2</td> </tr> <tr> <td>1049-10D</td> <td style="text-align: right;">5/8</td> <td style="text-align: right;">1/2</td> </tr> </tbody> </table>	Part No	Tube	Pipe	1049-6B	3/8	1/4	1049-6C	3/8	3/8	1049-6D	3/8	1/2	1049-8C	1/2	3/8	1049-8D	1/2	1/2	1049-10D	5/8	1/2	<p style="text-align: center;">90° Truck Valve (air brake compression x male pipe)</p>  <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: right;">Tube</th> <th style="text-align: right;">Pipe</th> </tr> </thead> <tbody> <tr> <td>1410-10D</td> <td style="text-align: right;">5/8</td> <td style="text-align: right;">1/2</td> </tr> </tbody> </table>	Part No	Tube	Pipe	1410-10D	5/8	1/2					
Part No	Pipe																																							
1500-B	HEX 1/4																																							
1500-BR	ROUND 1/4																																							
Part No	Tube	Pipe																																						
1049-6B	3/8	1/4																																						
1049-6C	3/8	3/8																																						
1049-6D	3/8	1/2																																						
1049-8C	1/2	3/8																																						
1049-8D	1/2	1/2																																						
1049-10D	5/8	1/2																																						
Part No	Tube	Pipe																																						
1410-10D	5/8	1/2																																						

VALVES

Spring Bottom Valve

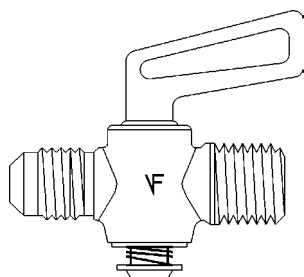
These ground plug valves are pressure rated to 30 P.S.I. and are commonly used in water process piping and air supply systems. This series of valves is not recommended for use with gasoline.

Flare Union (flare both ends)



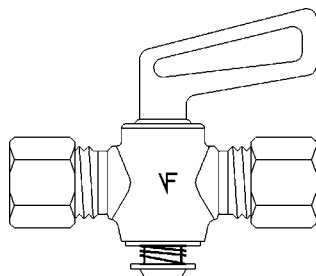
Part No	Tube
2042-4	1/4
2042-5	5/16
2042-6	3/8
2042-8	1/2
2042-10	5/8

Flare Connector (flare x male pipe)



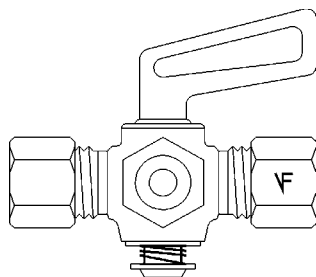
Part No	Tube	Pipe
2048-4A	1/4	1/8
2048-4B	1/4	1/4
2048-5A	5/16	1/8
2048-5B	5/16	1/4
2048-6B	3/8	1/4
2048-6C	3/8	3/8
2048-8C	1/2	3/8

Compression Union (tube both ends)



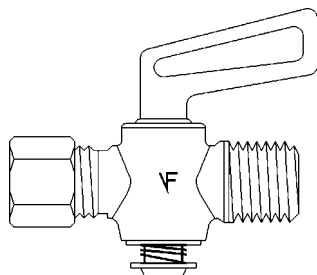
Part No	Tube
2062-4	1/4
2062-5	5/16
2062-6	3/8
2062-8	1/2

Three Way Compression (compression all ends)



Part No	Tube
2064-4	1/4
2064-5	5/16
2064-6	3/8

Compression Connector (tube x male pipe)

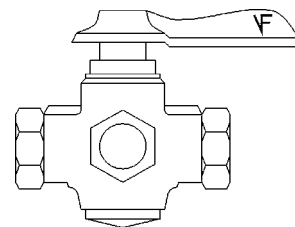


Part No	Tube	Pipe
2068-4A	1/4	1/8
2068-4B	1/4	1/4
2068-5A	5/16	1/8
2068-5B	5/16	1/4
2068-6B	3/8	1/4
2068-6C	3/8	3/8

Three and Four-Way Valves

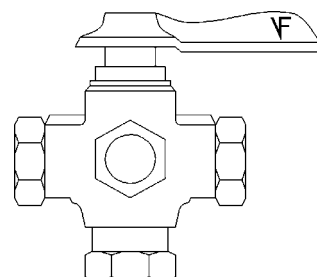
Both three and four way valves are solid bottom valves that incorporate a celcon*plug for a non-lubricated seal. Working pressure up to 30 P.S.I.

Three-Way Valve (pipe all ends)



Part No	Pipe	Stem Length
2101-A	1/8	1-3/8
2101-B	1/4	1-3/8
2101-BS	1/4	3/4
2101-C	3/8	1-3/8

Four-Way Valve (pipe all ends)



Part No	Pipe	Stem Length
2102-A	1/8	1-3/8
2102-B	1/4	2-3/8
2102-BL	1/4	3-3/4
2102-BS	1/4	1-3/8
2102-C	3/8	2-3/8
2102-CL	3/8	3-3/4
2102-CS	3/8	1-3/8

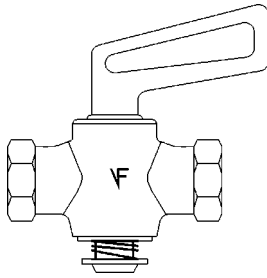
**Trademark of Hoechst Celanese*

VALVES

Spring Bottom Valve

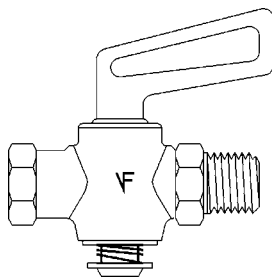
These ground plug valves are pressure rated to 30 P.S.I. and are commonly used in water process piping and air supply systems. This series of valves is not recommended for use with gasoline.

Female Pipe Coupling (pipe both ends)



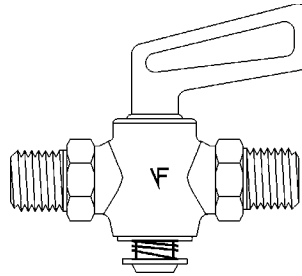
Part No	Pipe
2103-A	1/8
2103-B	1/4
2103-C	3/8
* 2103-D	1/2
* DISCONTINUED ITEM - LIMITED STOCK	

Pipe Adaptor (female x male pipe)



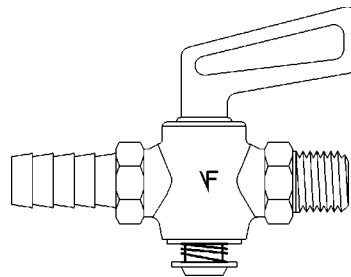
Part No	Pipe
2120-A	1/8
2120-B	1/4
2120-C	3/8

Male Pipe Coupling (pipe both ends)



Part No	Pipe
2122-A	1/8
2122-B	1/4
2122-C	3/8

Hose Connector (hose x male pipe)

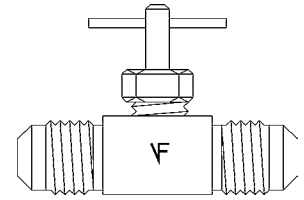


Part No	Hose	Pipe
2125-4B	1/4	1/4
2125-6B	3/8	1/4
2125-6C	3/8	3/8

Needle Valves

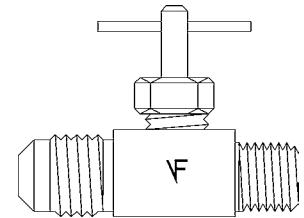
Designed for leakproof operation up to 150 P.S.I., this series of valves have a metal seat and a fine thread stem, that can be used to control the flow up to the maximum capacity of the valve. Some care must be taken when installing this series of valves. The pressure side of the application must be directed to the bottom of the needle seat.

Flare Union (flare both ends)



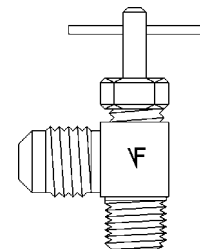
Part No	Tube
3042-4	1/4
3042-6	3/8

Flare Connector (flare x male pipe)



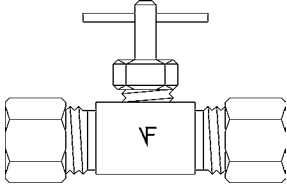
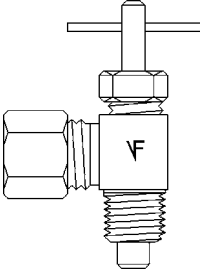
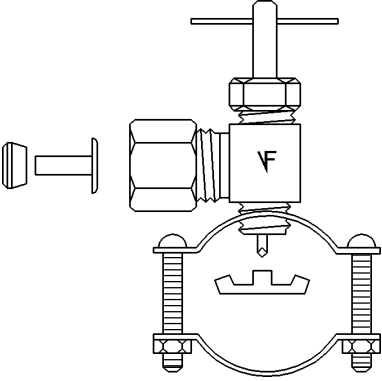
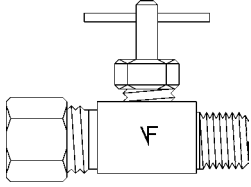
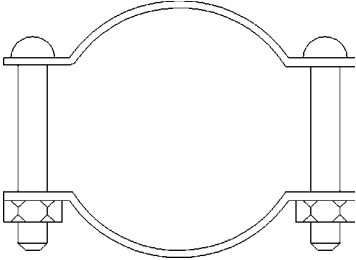
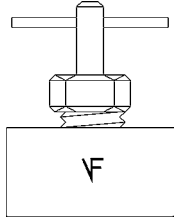
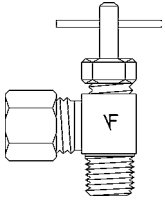
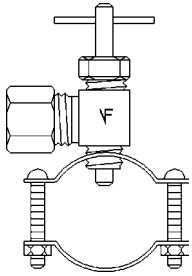
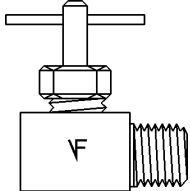
Part No	Tube	Pipe
3048-4A	1/4	1/8
3048-4B	1/4	1/4
3048-5A	5/16	1/8
3048-5B	5/16	1/4
3048-6B	3/8	1/4

90° Flare x Male Elbow (flare x male pipe)

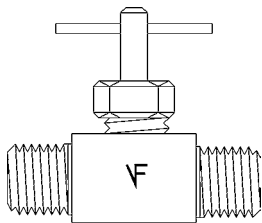
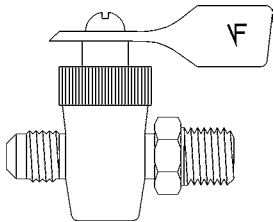
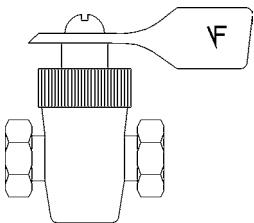
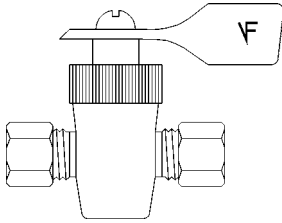
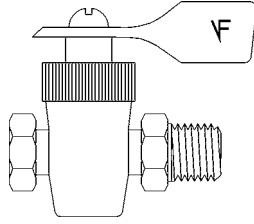
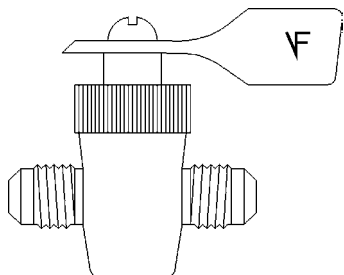
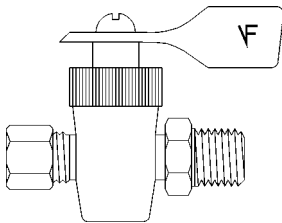
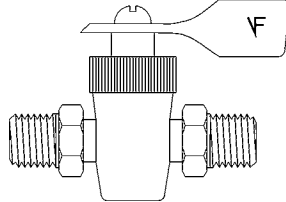


Part No	Tube	Pipe
3049-4A	1/4	1/8
3049-4B	1/4	1/4
3049-5A	5/16	1/8
3049-5B	5/16	1/4
3049-6B	3/8	1/4

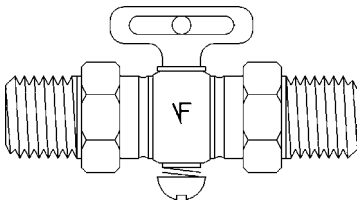
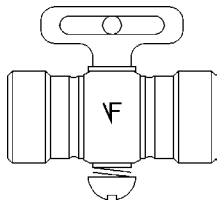
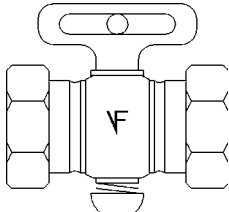
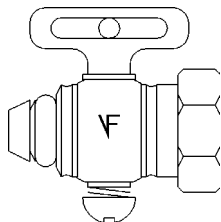
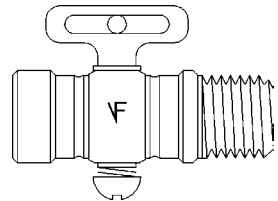
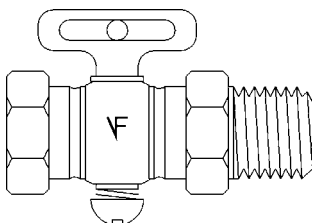
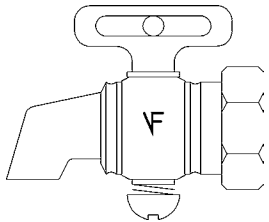
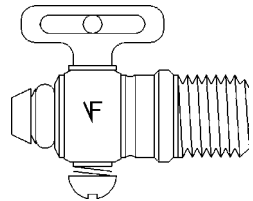
VALVES

<p style="text-align: center;">Compression Union (tube both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> </tr> </thead> <tbody> <tr><td>3062-3</td><td>3/16</td></tr> <tr><td>3062-4</td><td>1/4</td></tr> <tr><td>3062-5</td><td>5/16</td></tr> <tr><td>3062-6</td><td>3/8</td></tr> </tbody> </table>	Part No	Tube	3062-3	3/16	3062-4	1/4	3062-5	5/16	3062-6	3/8	<p style="text-align: center;">Humidifier Valve (tube x male pipe with extension)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr> <td>3069-4T</td> <td>1/4</td> <td>1/8</td> </tr> </tbody> </table>	Part No	Tube	Pipe	3069-4T	1/4	1/8	<p style="text-align: center;">Self-Piercing Humidifier Valve Kit (for 1/2" copper pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> </tr> </thead> <tbody> <tr> <td>S3069-ST-4</td> <td>1/4</td> </tr> </tbody> </table>	Part No	Tube	S3069-ST-4	1/4																
Part No	Tube																																					
3062-3	3/16																																					
3062-4	1/4																																					
3062-5	5/16																																					
3062-6	3/8																																					
Part No	Tube	Pipe																																				
3069-4T	1/4	1/8																																				
Part No	Tube																																					
S3069-ST-4	1/4																																					
<p style="text-align: center;">Compression Connector (tube x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>3068-3A</td><td>3/16</td><td>1/8</td></tr> <tr><td>3068-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>3068-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>3068-5A</td><td>5/16</td><td>1/8</td></tr> <tr><td>3068-5B</td><td>5/16</td><td>1/4</td></tr> <tr><td>3068-6A</td><td>3/8</td><td>1/8</td></tr> <tr><td>3068-6B</td><td>3/8</td><td>1/4</td></tr> </tbody> </table>	Part No	Tube	Pipe	3068-3A	3/16	1/8	3068-4A	1/4	1/8	3068-4B	1/4	1/4	3068-5A	5/16	1/8	3068-5B	5/16	1/4	3068-6A	3/8	1/8	3068-6B	3/8	1/4	<p style="text-align: center;">Clamps for Copper Pipe (tapped 1/8-27 N.P.T.)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Material</th> </tr> </thead> <tbody> <tr> <td>S3069-PC</td> <td>STEEL</td> </tr> <tr> <td>S3069-WT</td> <td>BRASS</td> </tr> </tbody> </table>	Part No	Material	S3069-PC	STEEL	S3069-WT	BRASS	<p style="text-align: center;">Female Pipe Coupling (pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>3103-A</td><td>1/8</td></tr> <tr><td>3103-B</td><td>1/4</td></tr> </tbody> </table>	Part No	Pipe	3103-A	1/8	3103-B	1/4
Part No	Tube	Pipe																																				
3068-3A	3/16	1/8																																				
3068-4A	1/4	1/8																																				
3068-4B	1/4	1/4																																				
3068-5A	5/16	1/8																																				
3068-5B	5/16	1/4																																				
3068-6A	3/8	1/8																																				
3068-6B	3/8	1/4																																				
Part No	Material																																					
S3069-PC	STEEL																																					
S3069-WT	BRASS																																					
Part No	Pipe																																					
3103-A	1/8																																					
3103-B	1/4																																					
<p style="text-align: center;">90° Compression x Male Elbow (tube x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>3069-3A</td><td>3/16</td><td>1/8</td></tr> <tr><td>3069-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>3069-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>3069-5A</td><td>5/16</td><td>1/8</td></tr> <tr><td>3069-5B</td><td>5/16</td><td>1/4</td></tr> <tr><td>3069-6A</td><td>3/8</td><td>1/8</td></tr> <tr><td>3069-6B</td><td>3/8</td><td>1/4</td></tr> </tbody> </table>	Part No	Tube	Pipe	3069-3A	3/16	1/8	3069-4A	1/4	1/8	3069-4B	1/4	1/4	3069-5A	5/16	1/8	3069-5B	5/16	1/4	3069-6A	3/8	1/8	3069-6B	3/8	1/4	<p style="text-align: center;">Humidifier Valve & Clamp Kit (for 1/2" copper pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> </tr> </thead> <tbody> <tr> <td>S3069-4S</td> <td>1/4</td> </tr> </tbody> </table>	Part No	Tube	S3069-4S	1/4	<p style="text-align: center;">Pipe Adaptor (female x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>3120-A</td><td>1/8</td></tr> <tr><td>3120-B</td><td>1/4</td></tr> </tbody> </table>	Part No	Pipe	3120-A	1/8	3120-B	1/4		
Part No	Tube	Pipe																																				
3069-3A	3/16	1/8																																				
3069-4A	1/4	1/8																																				
3069-4B	1/4	1/4																																				
3069-5A	5/16	1/8																																				
3069-5B	5/16	1/4																																				
3069-6A	3/8	1/8																																				
3069-6B	3/8	1/4																																				
Part No	Tube																																					
S3069-4S	1/4																																					
Part No	Pipe																																					
3120-A	1/8																																					
3120-B	1/4																																					

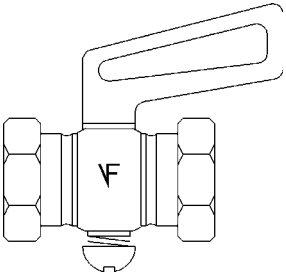
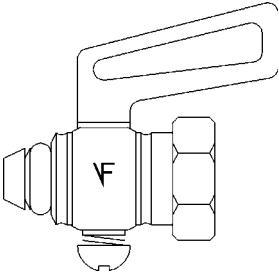
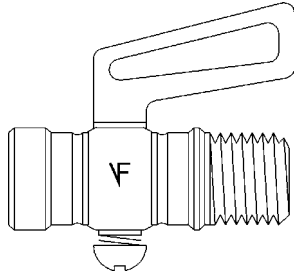
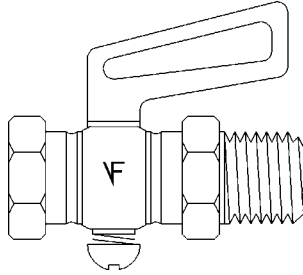
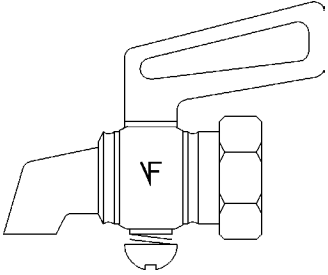
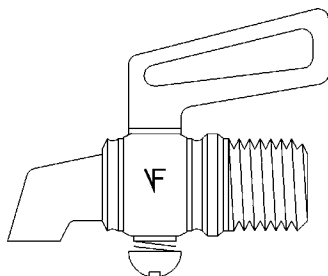
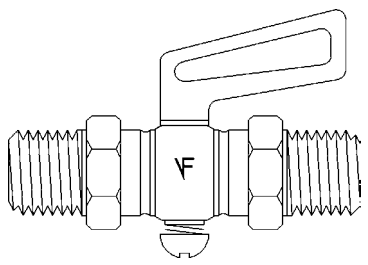
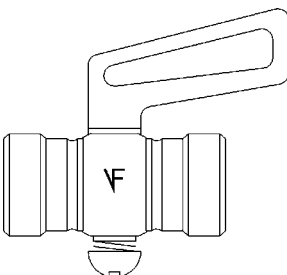
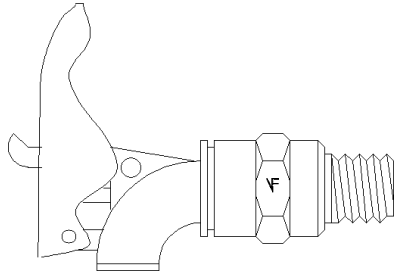
VALVES

<p style="text-align: center;">Male Pipe Connector (pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr> <td>3122-A</td> <td>1/8</td> </tr> <tr> <td>3122-B</td> <td>1/4</td> </tr> </tbody> </table>	Part No	Pipe	3122-A	1/8	3122-B	1/4	<p style="text-align: center;">Flare x Male Pipe Connector (tube x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>5048-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>5048-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>5048-5A</td><td>5/16</td><td>1/8</td></tr> <tr><td>5048-5B</td><td>5/16</td><td>1/4</td></tr> <tr><td>5048-6B</td><td>3/8</td><td>1/4</td></tr> <tr><td>5048-6C</td><td>3/8</td><td>3/8</td></tr> <tr><td>5048-6D</td><td>3/8</td><td>1/2</td></tr> <tr><td>5048-8C</td><td>1/2</td><td>3/8</td></tr> </tbody> </table>	Part No	Tube	Pipe	5048-4A	1/4	1/8	5048-4B	1/4	1/4	5048-5A	5/16	1/8	5048-5B	5/16	1/4	5048-6B	3/8	1/4	5048-6C	3/8	3/8	5048-6D	3/8	1/2	5048-8C	1/2	3/8	<p style="text-align: center;">Female Connector (female pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>5103-A</td><td>1/8</td></tr> <tr><td>5103-B</td><td>1/4</td></tr> <tr><td>5103-C</td><td>3/8</td></tr> </tbody> </table>	Part No	Pipe	5103-A	1/8	5103-B	1/4	5103-C	3/8
Part No	Pipe																																										
3122-A	1/8																																										
3122-B	1/4																																										
Part No	Tube	Pipe																																									
5048-4A	1/4	1/8																																									
5048-4B	1/4	1/4																																									
5048-5A	5/16	1/8																																									
5048-5B	5/16	1/4																																									
5048-6B	3/8	1/4																																									
5048-6C	3/8	3/8																																									
5048-6D	3/8	1/2																																									
5048-8C	1/2	3/8																																									
Part No	Pipe																																										
5103-A	1/8																																										
5103-B	1/4																																										
5103-C	3/8																																										
<p style="text-align: center;">Special Duty Valves</p> <p>These solid bottom, O-ring sealed plug valves are designed to have a maximum working pressure of 30 P.S.I.. Used in applications involving gasoline or kerosene or in air systems.</p>	<p style="text-align: center;">Compression Union (tube both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> </tr> </thead> <tbody> <tr><td>5062-4</td><td>1/4</td></tr> <tr><td>5062-6</td><td>3/8</td></tr> <tr><td>5062-8</td><td>1/2</td></tr> </tbody> </table>	Part No	Tube	5062-4	1/4	5062-6	3/8	5062-8	1/2	<p style="text-align: center;">Pipe Adaptor (female x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>5120-A</td><td>1/8</td></tr> <tr><td>5120-B</td><td>1/4</td></tr> <tr><td>5120-C</td><td>3/8</td></tr> </tbody> </table>	Part No	Pipe	5120-A	1/8	5120-B	1/4	5120-C	3/8																									
Part No	Tube																																										
5062-4	1/4																																										
5062-6	3/8																																										
5062-8	1/2																																										
Part No	Pipe																																										
5120-A	1/8																																										
5120-B	1/4																																										
5120-C	3/8																																										
<p style="text-align: center;">Flare Union (tube both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> </tr> </thead> <tbody> <tr><td>5042-4</td><td>1/4</td></tr> <tr><td>5042-5</td><td>5/16</td></tr> <tr><td>5042-6</td><td>3/8</td></tr> <tr><td>5042-8</td><td>1/2</td></tr> </tbody> </table>	Part No	Tube	5042-4	1/4	5042-5	5/16	5042-6	3/8	5042-8	1/2	<p style="text-align: center;">Compression x Male Pipe Connector (tube x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Tube</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>5068-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>5068-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>5068-6B</td><td>3/8</td><td>1/4</td></tr> <tr><td>5068-6C</td><td>3/8</td><td>3/8</td></tr> </tbody> </table>	Part No	Tube	Pipe	5068-4A	1/4	1/8	5068-4B	1/4	1/4	5068-6B	3/8	1/4	5068-6C	3/8	3/8	<p style="text-align: center;">Male Pipe Coupling (male pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Part No</th> <th style="text-align: left;">Pipe</th> </tr> </thead> <tbody> <tr><td>5122-A</td><td>1/8</td></tr> <tr><td>5122-B</td><td>1/4</td></tr> <tr><td>5122-C</td><td>3/8</td></tr> </tbody> </table>	Part No	Pipe	5122-A	1/8	5122-B	1/4	5122-C	3/8								
Part No	Tube																																										
5042-4	1/4																																										
5042-5	5/16																																										
5042-6	3/8																																										
5042-8	1/2																																										
Part No	Tube	Pipe																																									
5068-4A	1/4	1/8																																									
5068-4B	1/4	1/4																																									
5068-6B	3/8	1/4																																									
5068-6C	3/8	3/8																																									
Part No	Pipe																																										
5122-A	1/8																																										
5122-B	1/4																																										
5122-C	3/8																																										

VALVES

<p>Air Cocks</p> <p>Recommended for air service at up to 100 P.S.I. at 73° F. The series descriptions are as follows:</p> <p>6000 series all have Tee Handles and Hex Shoulders.</p> <p>7000 series all have Tee Handles and Round Shoulders.</p> <p>8000 series all have Lever Handles and Hex Shoulders.</p> <p>9000 series all have Lever Handles and Round Shoulders.</p>	<p style="text-align: center;">Male Coupling (male pipe both ends)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>6122-A</td><td>1/8</td></tr> <tr><td>6122-B</td><td>1/4</td></tr> <tr><td>6122-C</td><td>3/8</td></tr> <tr><td>6122-D</td><td>1/2</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	6122-A	1/8	6122-B	1/4	6122-C	3/8	6122-D	1/2	<p style="text-align: center;">Female Coupling (female pipe both ends)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>7103-A</td><td>1/8</td></tr> <tr><td>7103-B</td><td>1/4</td></tr> <tr><td>7103-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	7103-A	1/8	7103-B	1/4	7103-C	3/8						
<i>Part No</i>	<i>Pipe</i>																									
6122-A	1/8																									
6122-B	1/4																									
6122-C	3/8																									
6122-D	1/2																									
<i>Part No</i>	<i>Pipe</i>																									
7103-A	1/8																									
7103-B	1/4																									
7103-C	3/8																									
<p style="text-align: center;">Female Coupling (pipe both ends)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>6103-A</td><td>1/8</td></tr> <tr><td>6103-B</td><td>1/4</td></tr> <tr><td>6103-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	6103-A	1/8	6103-B	1/4	6103-C	3/8	<p style="text-align: center;">Male Drain Type (male pipe one end)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>6125-A</td><td>1/8</td></tr> <tr><td>6125-B</td><td>1/4</td></tr> <tr><td>6125-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	6125-A	1/8	6125-B	1/4	6125-C	3/8	<p style="text-align: center;">Pipe Adaptor (female x male pipe)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>7120-A</td><td>1/8</td></tr> <tr><td>7120-B</td><td>1/4</td></tr> <tr><td>7120-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	7120-A	1/8	7120-B	1/4	7120-C	3/8
<i>Part No</i>	<i>Pipe</i>																									
6103-A	1/8																									
6103-B	1/4																									
6103-C	3/8																									
<i>Part No</i>	<i>Pipe</i>																									
6125-A	1/8																									
6125-B	1/4																									
6125-C	3/8																									
<i>Part No</i>	<i>Pipe</i>																									
7120-A	1/8																									
7120-B	1/4																									
7120-C	3/8																									
<p style="text-align: center;">Pipe Adaptor (female x male pipe)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>6120-A</td><td>1/8</td></tr> <tr><td>6120-B</td><td>1/4</td></tr> <tr><td>6120-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	6120-A	1/8	6120-B	1/4	6120-C	3/8	<p style="text-align: center;">90° Male Drain Type (male pipe one end)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>6139-A</td><td>1/8</td></tr> <tr><td>6139-B</td><td>1/4</td></tr> <tr><td>6139-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	6139-A	1/8	6139-B	1/4	6139-C	3/8	<p style="text-align: center;">Male Drain Type (male pipe one end)</p> <div style="text-align: center;">  </div> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>7125-A</td><td>1/8</td></tr> <tr><td>7125-B</td><td>1/4</td></tr> <tr><td>7125-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	7125-A	1/8	7125-B	1/4	7125-C	3/8
<i>Part No</i>	<i>Pipe</i>																									
6120-A	1/8																									
6120-B	1/4																									
6120-C	3/8																									
<i>Part No</i>	<i>Pipe</i>																									
6139-A	1/8																									
6139-B	1/4																									
6139-C	3/8																									
<i>Part No</i>	<i>Pipe</i>																									
7125-A	1/8																									
7125-B	1/4																									
7125-C	3/8																									

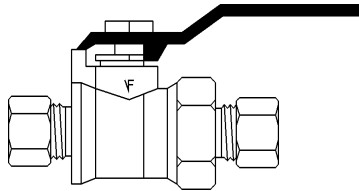
VALVES

<p style="text-align: center;">Female Coupling (female pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>8103-A</td><td>1/8</td></tr> <tr><td>8103-B</td><td>1/4</td></tr> <tr><td>8103-C</td><td>3/8</td></tr> <tr><td>8103-D</td><td>1/2</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	8103-A	1/8	8103-B	1/4	8103-C	3/8	8103-D	1/2	<p style="text-align: center;">Male Drain Type (pipe one end)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>8125-A</td><td>1/8</td></tr> <tr><td>8125-B</td><td>1/4</td></tr> <tr><td>8125-C</td><td>3/8</td></tr> <tr><td>8125-D</td><td>1/2</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	8125-A	1/8	8125-B	1/4	8125-C	3/8	8125-D	1/2	<p style="text-align: center;">Pipe Adaptor (female x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>9120-A</td><td>1/8</td></tr> <tr><td>9120-B</td><td>1/4</td></tr> <tr><td>9120-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	9120-A	1/8	9120-B	1/4	9120-C	3/8
<i>Part No</i>	<i>Pipe</i>																													
8103-A	1/8																													
8103-B	1/4																													
8103-C	3/8																													
8103-D	1/2																													
<i>Part No</i>	<i>Pipe</i>																													
8125-A	1/8																													
8125-B	1/4																													
8125-C	3/8																													
8125-D	1/2																													
<i>Part No</i>	<i>Pipe</i>																													
9120-A	1/8																													
9120-B	1/4																													
9120-C	3/8																													
<p style="text-align: center;">Pipe Adaptor (female x male pipe)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>8120-A</td><td>1/8</td></tr> <tr><td>8120-B</td><td>1/4</td></tr> <tr><td>8120-C</td><td>3/8</td></tr> <tr><td>8120-D</td><td>1/2</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	8120-A	1/8	8120-B	1/4	8120-C	3/8	8120-D	1/2	<p style="text-align: center;">90° Male Drain Type (pipe one end)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>8139-A</td><td>1/8</td></tr> <tr><td>8139-B</td><td>1/4</td></tr> <tr><td>8139-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	8139-A	1/8	8139-B	1/4	8139-C	3/8	<p style="text-align: center;">Male Drain Type (pipe one end)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>9139-A</td><td>1/8</td></tr> <tr><td>9139-B</td><td>1/4</td></tr> <tr><td>9139-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	9139-A	1/8	9139-B	1/4	9139-C	3/8		
<i>Part No</i>	<i>Pipe</i>																													
8120-A	1/8																													
8120-B	1/4																													
8120-C	3/8																													
8120-D	1/2																													
<i>Part No</i>	<i>Pipe</i>																													
8139-A	1/8																													
8139-B	1/4																													
8139-C	3/8																													
<i>Part No</i>	<i>Pipe</i>																													
9139-A	1/8																													
9139-B	1/4																													
9139-C	3/8																													
<p style="text-align: center;">Male Pipe Coupling (pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>8122-A</td><td>1/8</td></tr> <tr><td>8122-B</td><td>1/4</td></tr> <tr><td>8122-C</td><td>3/8</td></tr> <tr><td>8122-D</td><td>1/2</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	8122-A	1/8	8122-B	1/4	8122-C	3/8	8122-D	1/2	<p style="text-align: center;">Female Coupling (pipe both ends)</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>9103-A</td><td>1/8</td></tr> <tr><td>9103-B</td><td>1/4</td></tr> <tr><td>9103-C</td><td>3/8</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	9103-A	1/8	9103-B	1/4	9103-C	3/8	<p style="text-align: center;">Self-Closing Drum Faucet</p>  <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><i>Part No</i></th> <th style="text-align: left;"><i>Pipe</i></th> </tr> </thead> <tbody> <tr><td>G261</td><td>3/4</td></tr> </tbody> </table>	<i>Part No</i>	<i>Pipe</i>	G261	3/4						
<i>Part No</i>	<i>Pipe</i>																													
8122-A	1/8																													
8122-B	1/4																													
8122-C	3/8																													
8122-D	1/2																													
<i>Part No</i>	<i>Pipe</i>																													
9103-A	1/8																													
9103-B	1/4																													
9103-C	3/8																													
<i>Part No</i>	<i>Pipe</i>																													
G261	3/4																													

BALL VALVES

Standard Port Ball Valve

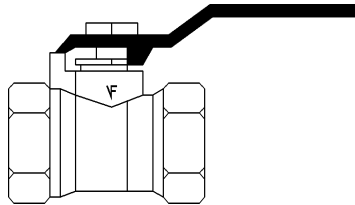
With compression type ends for copper pipe, blow-out proof stem. Pressure rated at 400 P.S.I. WOG up to 250° F. and 150 P.S.I. saturated steam. With lever handle.



Part No	Copper Pipe
BV2062-10	1/2" NOM. (5/8 O.D.)
BV2062-14	3/4" NOM. (7/8 O.D.)
BV2062-18	1" NOM. (1 1/8 O.D.)

Standard Port Ball Valve (with female pipe ends)

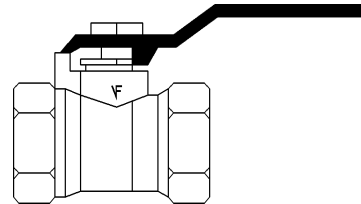
Pressure rated at 400 P.S.I. WOG up to 250°F and 150 P.S.I. saturated steam. With lever handle.



Part No	Pipe
BV2103-B	1/4
BV2103-C	3/8
BV2103-D	1/2
BV2103-E	3/4
BV2103-F	1
BV2103-G	1-1/4
BV2103-H	1-1/2
BV2103-I	2
BV2103-J	2-1/2
BV2103-K	3
BV2103-L	4

Full Port Ball Valve (with female pipe ends)

Pressure rated at 600 P.S.I. WOG up to 250°F and 150 P.S.I. saturated steam. With lever handle.

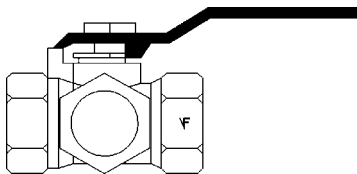


Part No	Pipe
BV2103-B-FP	1/4
BV2103-C-FP	3/8
* BV2103-D-FP	1/2
* BV2103-E-FP	3/4
* BV2103-F-FP	1
* BV2103-G-FP	1-1/4
* BV2103-H-FP	1-1/2
* BV2103-I-FP	2
* BV2103-J-FP	2-1/2
* BV2103-K-FP	3
BV2103-L-FP	4

* ALSO AVAILABLE IN 400 W.O.G.

Standard Port Three Way Ball Valve (with female pipe ends)

Rated at 200 P.S.I. W.O.G. and 150 P.S.I. saturated steam. With lever handle.



Part No	Pipe
BV2101-D	1/2
BV2101-E	3/4
BV2101-F	1

Standard Port Ball Valve (with solder ends)

Rated at 400 P.S.I. W.O.G. up to 250°F and 150 P.S.I. saturated steam. With lever handle.

Part No	Copper Pipe
SWBV2103-D	1/2
SWBV2103-E	3/4
SWBV2103-F	1
SWBV2103-G	1-1/4
SWBV2103-H	1-1/2
SWBV2103-I	2
SWBV2103-J	2-1/2
SWBV2103-K	3
SWBV2103-L	4

Full Port Ball Valve (with solder ends)

Rated at 600 P.S.I. W.O.G. up to 250°F and 150 P.S.I. saturated steam. With lever handle.

Part No	Copper Pipe
* SWBV2103-D-FP	1/2
* SWBV2103-E-FP	3/4
* SWBV2103-F-FP	1
* SWBV2103-G-FP	1-1/4
* SWBV2103-H-FP	1-1/2
* SWBV2103-I-FP	2
* SWBV2103-J-FP	2-1/2
* SWBV2103-K-FP	3
SWBV2103-L-FP	4

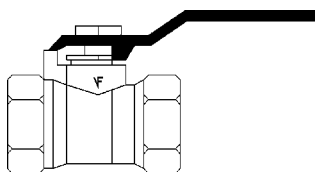
* ALSO AVAILABLE IN 400 W.O.G.

BALL VALVES

**A.G.A./C.G.A. Approved
Gas Ball Valve
Factory Mutual Approved**

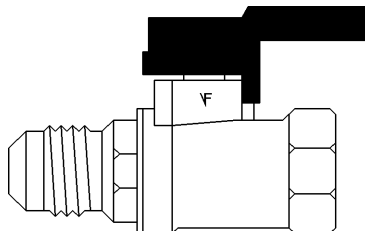
Tested to ensure compliance with Standard CGA 3.16. These lever handled ball valves are pressure rated for use with gas at 125 P.S.I. and have a working temperature range of from -30°C to +65°C.

**Female Pipe Ball Valve
(female pipe both ends)**



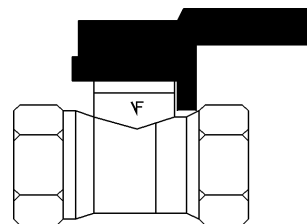
Part No	Pipe
BV2103-D-CGA	1/2
BV2103-E-CGA	3/4
BV2103-F-CGA	1
BV2103-G-CGA	1-1/4
BV2103-H-CGA	1-1/2
BV2103-I-CGA	2

**A.G.A./C.G.A. Approved
Gas Appliance Ball Valve
(flare x female pipe)**



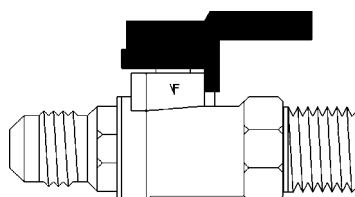
Part No	Tube	Pipe
BV4046-6D	3/8	1/2
BV4046-8D	1/2	1/2

**A.G.A./C.G.A. Approved
Gas Appliance Ball Valve
(lever handle
female pipe both ends)**



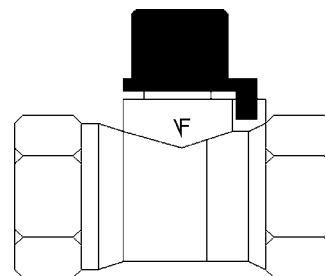
Part No	Pipe
BV4103-C	3/8
BV4103-D	1/2
BV4103-E	3/4
BV4103-F	1

**A.G.A./C.G.A. Approved
Gas Appliance Ball Valve
(flare x male pipe)**



Part No	Tube	Pipe
BV4048-6D	3/8	1/2
BV4048-8D	1/2	1/2

**A.G.A./C.G.A. Approved
Gas Appliance Ball Valve
(square handle
female pipe both ends)**

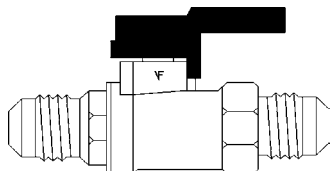


Part No	Pipe
BV5103-C	3/8
BV5103-D	1/2
BV5103-E	3/4
BV5103-F	1

**A.G.A./C.G.A. Approved
Gas Appliance Ball Valve**

Tested to ensure compliance with Standard CAN1-9.1. Certified for use at room temperature only and at a maximum pressure of 1/2 P.S.I..

**Flare Union
(tube both ends)**



Part No	Tube
BV4042-6	3/8
BV4042-8	1/2
BV4042-10	5/8

NOTES

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for the user to write their notes.