

## TBV GAS BALL VALVES

### PIPE THREAD x PIPE THREAD

<b>Use:</b>	For use in piping systems to connect threaded pipe to threaded pipe. Valve is used for maintenance of the appliance and emergency appliance gas shut down. A gas valve is required within six feet of an appliance per National Fuel Gas Code.													
<b>Operation:</b>	Quarter turn of handle from full open to full closed.													
<b>Operating Pressure:</b>	125 psi (see below)													
<b>Operating Temperature:</b>	-40°F to 150°F (see below)													
<b>Material Specifications:</b>	Body - Forged C36000 brass Retainer - Forged C36000 brass Ball - Chromium-plated C36000 brass Seats - Pure PTFE (same composition as Teflon*) Stem - C36000 extruded brass O-Ring - Viton (high temperature rubber) Handle - Aluminum SAE 384.2/383 Nut - C36000 extruded brass													
<b>Flow Capacity:</b>	<table border="0"> <tr> <td>Pipe Size –</td> <td>Minimum Gas Flow (ft.<sup>3</sup>)</td> </tr> <tr> <td>3/8"</td> <td>.3" Water Column Pressure Drop -</td> </tr> <tr> <td>1/2"</td> <td>150</td> </tr> <tr> <td>3/4"</td> <td>150</td> </tr> <tr> <td>1"</td> <td>400</td> </tr> <tr> <td></td> <td>600</td> </tr> </table> <p>Reference conditions for gas .5 psig inlet, 14.65 psi, 70°F, .64 sg.</p>	Pipe Size –	Minimum Gas Flow (ft. <sup>3</sup> )	3/8"	.3" Water Column Pressure Drop -	1/2"	150	3/4"	150	1"	400		600	
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<b>Designed and Manufactured In Accordance With:</b>	CSA 3.16 [rating 125 psi; -40°C to 65°C] Z21.15 - CSA 9.1 [rating 1/2 psi; -40°F to 125°F] CSA Requirement 3-88 [rating 5 psi; -20°F to 125°F] CGA Requirement CR91-002 [rating 5 psi; -20°F to 125°F] ANSI/ASME B16.33 [rating 125 psi; -20°F to 150°F] ANSI/ASME B16.44 [rating 5 psi; -20°F to 150°F]													
<b>Approvals/Listings:</b>	CSA File #204593 NYC: MEA-344-98-E													



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