Diaphragm Type Globe Valves
2500 Series

Application
The 2500 series valves are designed for use in hospital and industrial piping systems where gases are supplied from a central source to branch outlets throughout the system.

Features
• UL listed for use with air, argon, acetylene, helium, hydrogen, LP-Gas, nitrogen, inert gases and oxygen service.
• Leakage is prevented by a dependable diaphragm stem seal.
• A resilient seat disc provides positive shut-off.
• Heavy duty ACME stem threads assure easy operation and long working life.
• Unique back seat design allows the diaphragm assembly to be repaired while the valve remains in service.
• Maximum working pressure is 400 PSIG. (27.5 Bar)
• Working temperature range is -40°F to +165°F. (-40ºC to +70ºC)
• 100% Factory Tested
• All valves clean for use in oxygen per CGA G-4.1

Materials
Body ........................................................... Cast Bronze, Tin Plated
Bonnet ................................................................. Brass
Stem ................................................................. Manganese Bronze
Seat Disc .......................................................... Neoprene
Diaphragm .......................................................... Neoprene

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Inlet/Outlet Thread (Female NPT)</th>
<th>Port Diameter B</th>
<th>Height C</th>
<th>Length D</th>
<th>Cv Factor</th>
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<tr>
<td>2505AC</td>
<td>¾”</td>
<td>1½/16”</td>
<td>5½”</td>
<td>4”</td>
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