**ASME Multivalves® for Vapor Withdrawal**

8593AL

**Application**

These Multivalves® provide vapor withdrawal and filling of ASME containers. A separate pressure relief valve is required in addition to this valve. The MultiBonnet® is standard on this valve.

**Features**

- Combines low emission double back check filler valve, vapor equalizing valve, service valve, fixed liquid level and a plugged pressure gauge opening.
- Double back check filler valve is low emission, 2.13cc at disconnection with no reduction in fill rates.
- Includes plugged, ¼” F. NPT gauge boss.
- “Y” shape configuration allows for ease of operation with all valves and gauges easily accessible at all times.
- Large 2½” hex wrenching boss on center column provides ease of installation in tank coupling.
- MultiBonnet® allows quick and easy repair of bonnet.

**Materials**

Body: Forged Brass
Handwheel: Aluminum Die Cast
Valve Stem: Brass
O-Ring: Resilient Rubber
Seat Disc (shut-off valve): Nylon
Seat Discs (other): Resilient Rubber

**Liquid Filling Rates**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Approximate Filling Rate Liquid Flow, GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pressure Drop Across Valve</td>
</tr>
<tr>
<td>8593AL16.0</td>
<td>10 PSIG: 42</td>
</tr>
</tbody>
</table>

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Container Connection</th>
<th>Service Connection</th>
<th>Filling Connection</th>
<th>Vapor Equalizing Connection</th>
<th>Fixed Liquid Level Valve Style</th>
<th>Dip Tube Length</th>
<th>For Use In Containers w/ Surface Area Up To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8593AL16.0</td>
<td>1½” M. NPT</td>
<td>F. POL (CGA 510)</td>
<td>1½” M. ACME</td>
<td>1¼” M. ACME</td>
<td>4200 CFH at 100 PSIG</td>
<td>Knurled</td>
<td>16**</td>
</tr>
</tbody>
</table>

*Dip tube not installed, may be cut by customer to desired length.
** Since these Multivalves® have no integral pressure relief valves, they can be used on any ASME container with an independent relief device sufficient for that tank’s capacity.