High Pressure Unloader Valve

A common application for the Unloader Valve is for use with single or multiple dryshut off type jetting guns & foot control valves. When one or two guns are used, with both triggers closed the pump is “unloaded” & returns to zero pressure while pump flow is returned to the supply tank.

The valve is also ideal for pressure testing. When the set pressure is reached, the pump is unloaded while pressure is trapped in the item being tested. If pressure decays the valve will regulate & maintain set pressure.

**Features**

- Allows single or multiple dryshut gun operation
- Full control of pressure from zero to maximum
- 316 stainless steel bodies
- 2 inlet & 2 outlet ports
- Mounting holes for simple installation
- All valves fully tested & supplied with test certificates
- Seal & repair kits available
- Can be used on any pump
- Saves water

**Summary of standard valves**

<table>
<thead>
<tr>
<th>Part No</th>
<th>Connections</th>
<th>Max Pressure</th>
<th>Max Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>43744-804</td>
<td>½” BSPM</td>
<td>1000 bar</td>
<td>14,500 psi</td>
</tr>
<tr>
<td>43744-805</td>
<td>¾” BSPM</td>
<td>1000 bar</td>
<td>14,500 psi</td>
</tr>
<tr>
<td>43744-812*</td>
<td>½” BSPM</td>
<td>1000 bar</td>
<td>14,500 psi</td>
</tr>
<tr>
<td>43744-806*</td>
<td>1” BSPM</td>
<td>1000 bar</td>
<td>14,500 psi</td>
</tr>
</tbody>
</table>

*Pressure adjusting valve (no check valve fitted)

**Build Options**

- A range of connectors are available to suit a variety of hose connections
- Outlet manifold to allow multiple jetting guns to be used, see below