TESCOM 44-1100 Series high pressure, low flow venting regulator offers a piston sensed design, control pressures of 6000-10,000 psig / 414-690 bar, a low torque setting and large handknob. Multiple pressure range kits are available.

Applications
- Ground Support Equipment (GSE)
- Support pressure panels
- Aircraft charging carts
- R & D laboratories
- Calibration equipment

Features and Benefits
- Removable valve assembly module permits easy repair
- Excellent sensitivity through a wide range of pressure settings
- Piston style sensor offers extra safety and reliability
- Unbalanced stem assists positive shutoff
- Inlet and outlet gauge ports are standard
- Venting is standard
- Available in Brass or Stainless Steel
- Regulator vents to zero psig / bar in all pressure ranges
- Numerous modifications are available
All dimensions are reference & nominal
Metric [millimeter] equivalents are in brackets
For more information on how to read flow curves, please refer to the Flow Curves and Calculations document (debull2007x012) in the TESCOM catalog or on www.tescom.com.
# 44-1100 Series Regulator Part Number Selector

Learn more about common options.
For modifications, repair kits and accessories, contact factory.

Example for selecting a part number:

<table>
<thead>
<tr>
<th>BASIC SERIES</th>
<th>BODY MATERIAL</th>
<th>OUTLET PRESSURE RANGE</th>
<th>PORT TYPE</th>
<th>PORT SIZE</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>44-11</td>
<td>Brass (6000 psig max. inlet) (414 bar max. inlet)</td>
<td>1 – 0-500 psig 0-34.5 bar</td>
<td>2 - NPTF</td>
<td>4 – 1/4&quot;</td>
<td>[BLANK] – None</td>
</tr>
<tr>
<td></td>
<td>303 Stainless Steel (10,000 psig max. inlet) (690 bar max. inlet)</td>
<td>2 – 0-800 psig 0-55.2 bar</td>
<td></td>
<td></td>
<td>- 001 – Non-Venting, Viton® O-Rings</td>
</tr>
<tr>
<td></td>
<td>316 Stainless Steel (10,000 psig max. inlet) (690 bar max. inlet)</td>
<td>3 – 10-1500 psig 0.69-103 bar</td>
<td></td>
<td></td>
<td>- 002 – Non-Venting, Filter Removed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 – 15-2500 psig 1.0-172 bar</td>
<td></td>
<td></td>
<td>- 150 – Urethane O-Rings (CO₂ Service)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 – 25-4000 psig 1.7-276 bar</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>6 – 50-6000 psig 3.4-414 bar</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>