

High Pressure/Pressure Reducing
maximum 6,000 & 10,000 PSIG in/ranges up to 6,000 PSIG out
self venting/excellent sensitivity

44-1100 Series

Specifications

- ❑ **Operating Parameters**
 - pressure rating per criteria of ANSI/ASME B31.3
 - maximum rated inlet pressure:
 - stainless steel 10,000 PSIG
 - brass 6,000 PSIG
 - outlet pressure ranges . . . 0-500, 0-800, 10-1500,
15-2500, 25-4000, 50-6000 PSIG
 - design proof pressure . . 150% of maximum rated inlet
 - leakage bubble-tight
 - operating temperature -65° F to +165° F
(-55° C to +75° C)
 - flow capacity $C_V = .06$
 - maximum operating torque . . . 35 in.-lb. (3.95 Nm)
- ❑ **Media Contact Materials**
 - body brass, 303 or 316 Stainless Steel
 - filter:
 - brass body 40 Micron (nominal) - bronze
 - SST body 15 Micron (nominal) - 316 SST
 - main valve seat Vespel®
 - vent valve seat CTFE
 - seals Buna-N
 - back-up rings Teflon®
 - remaining parts 300 Series Stainless Steel
- ❑ **Cleaning** CGA 4.1 and
ASTM G93 (Intermediate Level)
- ❑ **Weight** 4.75 lbs. (2.15 kg)

Pressure Conversion 14.5 PSIG = 1 bar 145 PSIG = 1 MPa

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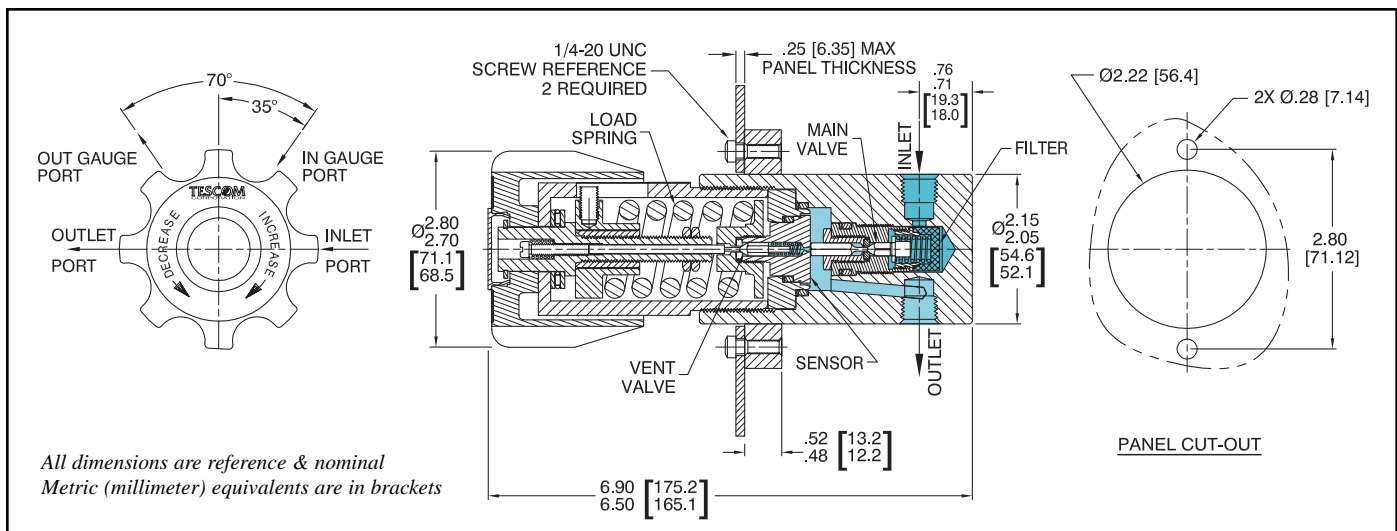
Advantages

- Removable valve assembly module permits easy repair
- Excellent sensitivity through a wide range of pressure settings
- Extra safety and reliability of piston style sensor
- Unbalanced stem assists positive shut-off
- Inlet & outlet gauge ports standard
- Available in brass or Stainless Steel
- Regulator vents to zero PSIG in all pressure ranges
- Numerous modifications available

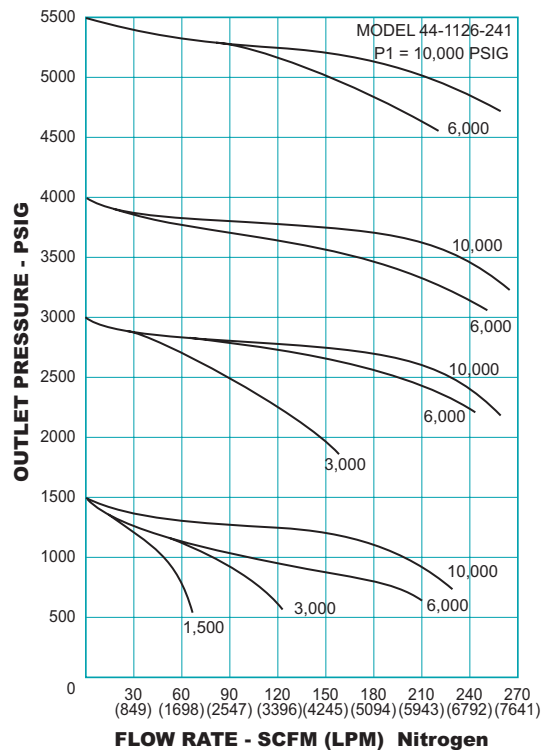
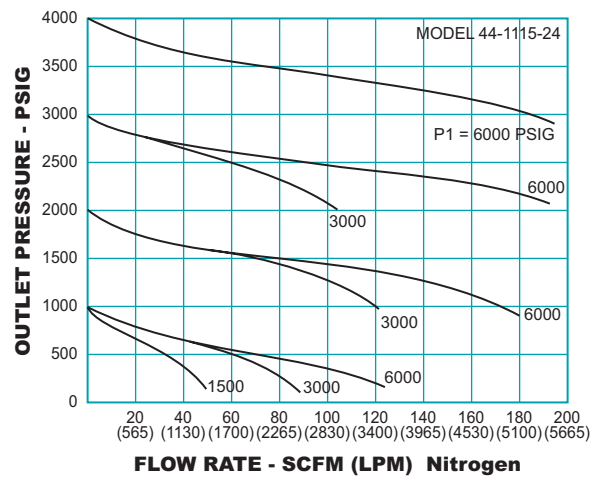


Global technical support & distribution • Design & manufacturing facilities in the U.S., Germany & Asia

44-1100 Series High Pressure



Flow Charts



Part Number Selector

example part number:

44-11 1 1 - 2 4

BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE RANGE	PORT TYPE	PORT SIZE
44-11	1 - Brass 2 - 303 Stainless Steel 6 - 316 Stainless Steel	1 - 0-500 PSIG 2 - 0-800 PSIG 3 - 10-1500 PSIG 4 - 15-2500 PSIG 5 - 25-4000 PSIG 6 - 50-6000 PSIG	2 - NPT	4 - 1/4"

Repair Kits, Accessories & Modifications may be available for this product. Please contact factory for more information.



WARNING! Do not attempt to select, install, use or maintain this product until you have read and fully understood the Tescom Safety, Installation & Operation Precautions.

NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues.



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