

Specifications

Operating Parameters

pressure rating per criteria of ANSI/ASME B31.3 maximum rated inlet pressure . . . 120, 400, 3500 PSIG outlet pressure ranges. . 28 in. Hg Vac - 15 PSIG

28 in. Hg Vac - 25 PSIG 28 in. Hg Vac - 50 PSIG

28 in. Hg Vac - 100 PSIG

leakage:

flow capacity 120 PSIG inlet: $C_V = .24$ 400 PSIG inlet: $C_V = .15$

3500 PSIG inlet: $C_V = .06$

Media Contact Materials

☐ Weight (without gauges) 2 lbs. (.9 kg)

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



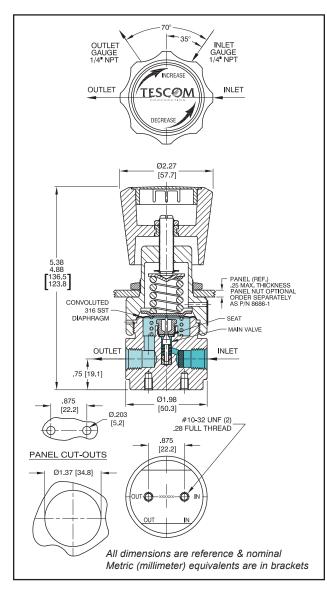
Advantages

- Economical sub-atmospheric pressure control
- Compact size
- Three inlet pressure ratings: 120, 400 and 3500 PSIG
- Four outlet pressure ranges:
 28 in. Hg VAC 15, 25, 50, 100 PSIG
- Panel mounting option available, requires panel nut 8686-1
- Variety of porting options available

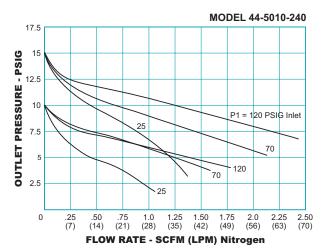


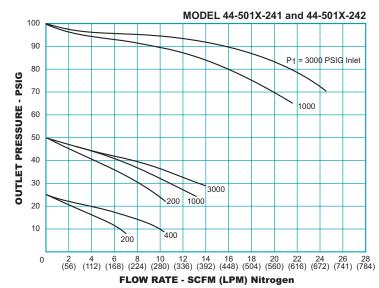


44-5000 Series Absolute Pressure/Pressure Reducing



Flow Charts





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Part Number Selector

example part number:

44-50

77-30	0	•			•	
BASIC SERIES	BODY Material	OUTLET PRESSURE RANGE	INLET & OUTLET PORT TYPE	INLET & OUTLET PORT SIZE	MAXIMUM INLET PRESSURE	FLOW CAPACITY
44-50	1 - Brass 6 - 316 Stainless Steel	 0 - 28 in. vacuum - 15 PSIG 1 - 28 in. vacuum - 25 PSIG 2 - 28 in. vacuum - 50 PSIG 3 - 28 in. vacuum - 100 PSIG 	2 - NPT 3 - MS33649	4 - 1/4"	0 - 120 PSIG 1 - 3500 PSIG 2 - 400 PSIG	C _V =.24 C _V =.06 C _V =.15

Repair Kits, Accessories & Modifications may be available for this product. Please contact Tescom 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*.

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