

44-3200 Series

- **Operating Parameters**
 - pressure rating per criteria of ANSI/ASME B31.3
 - maximum rated inlet pressure . . . 500 PSIG
 - outlet pressure ranges 0-200 PSIG
 - design proof pressure 150% of rated pressure
 - leakage:
 - internal bubble-tight
 - external $< 2 \times 10^{-8}$ atm cc/sec He
 - operating temperature -40° F to $+165^{\circ}\text{ F}$
 $(-40^{\circ}\text{ C to }+74^{\circ}\text{ C})$
 - flow capacity $C_V = 1.0$
 $(\text{optional } C_V = 1.8)$

body	brass, 316 Stainless Steel
bonnet	nickel plated brass
diaphragm.....	316 Stainless Steel
seat:	
500 PSIG inlet.....	Teflon®
retainer, seat	Nitronic 60
seal	Teflon®
remaining parts.....	316 Stainless Steel

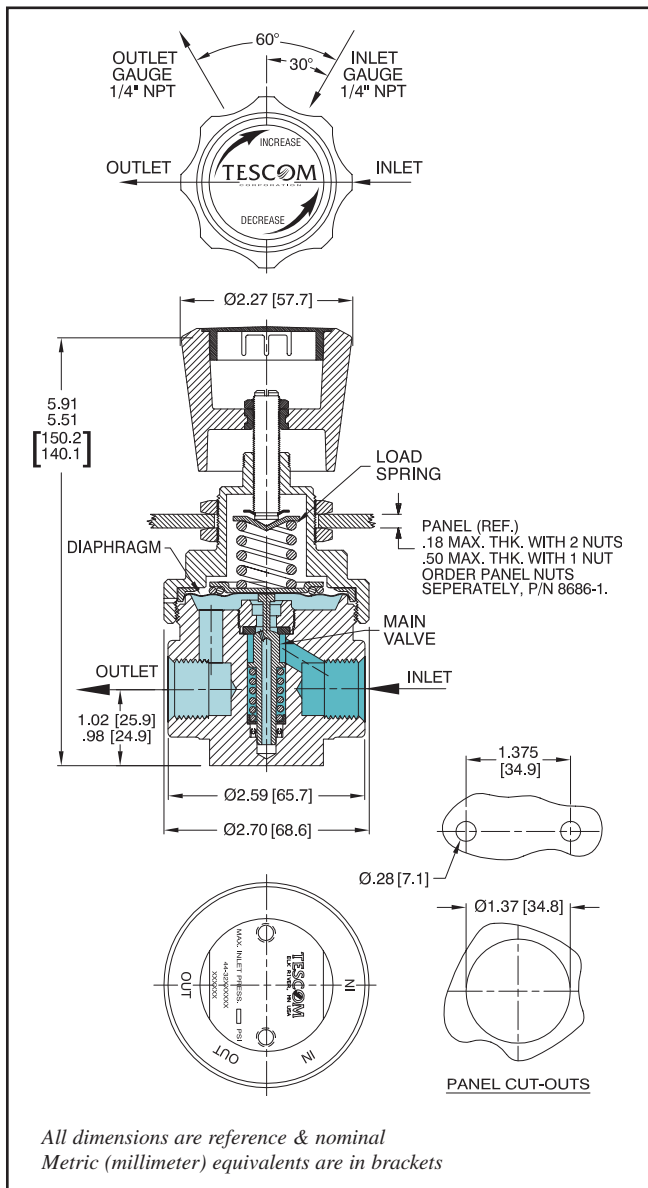
- ❑ Cleaning CGA 4.1 and ASTM G93
- ❑ Weight (without gauges) 3.5 lbs. (1.6 kg)

Teflon® is a registered trademark of Du Pont.

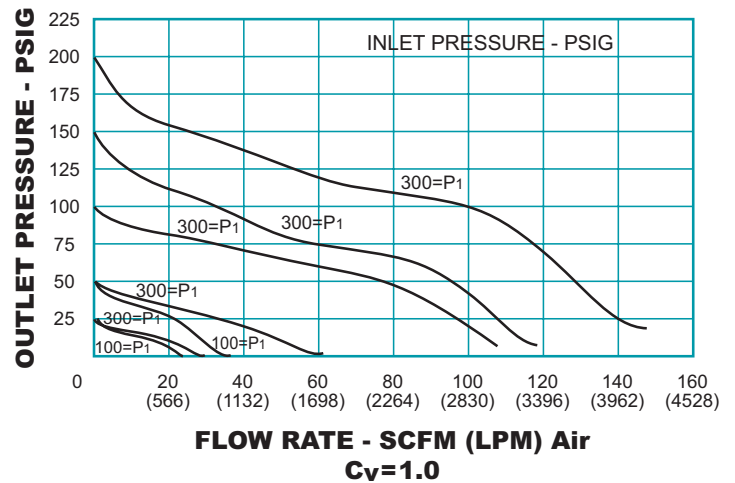
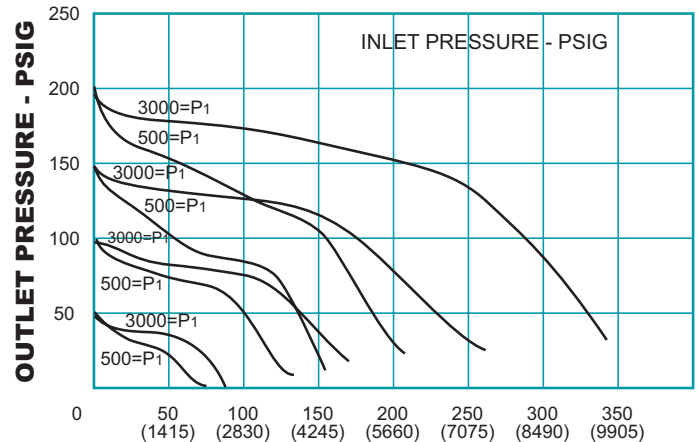


- TESCOM**
CORPORATION

44-3200 Series High Flow/Purge



Flow Charts



OPTIONS	
001	One 1/4" gauge port @ 90°, $C_v = 1.0$
296	One 1/4" gauge port @ 90°, $C_v = 1.8$

Part Number Selector

example part number:

44-32 **6** **4** **H** **2** **6** **3** **-**

BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE RANGES	SOFT GOODS		INLET & OUTLET PORT TYPE	INLET & OUTLET PORT SIZE	MAXIMUM INLET PRESSURE
			SEAT	SEAL			
44-32	1 - Brass	0 - 0-25 PSIG	H - Teflon®	Teflon®, o-ring	2 - NPT	6 - 3/8" 8 - 1/2"	1 - 3000 PSIG 3 - 500 PSIG
	6 - 316 Stainless Steel	1 - 0-50 PSIG	J - CTFE	Teflon®, spring energized lip seal			
		2 - 0-100 PSIG					
		3 - 0-150 PSIG					
		4 - 0-200 PSIG					

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.

TESCOM
CORPORATION
INDUSTRIAL CONTROLS DIVISION

800-447-1250 • 763-241-3238 • fax: 763-241-3224
www.tescom.com • icd@tescom.com
12616 Industrial Boulevard • Elk River, MN 55330 USA