

**Sensitive/Accurate**  
maximum 3500 PSIG in/5 ranges up to 250 PSIG out  
corrosion resistant/pressure reducing

## 44-2600 Series

### Specifications

#### ❑ Operating Parameters

pressure rating per criteria of ANSI/ASME B31.3  
maximum rated inlet pressure . . . 400 or 3500 PSIG  
outlet pressure ranges . . . . . 0-25, 0-50, 0-100,  
0-150 & 0-250 PSIG  
design proof pressure . . . . . 150% of maximum  
rated pressure  
leakage . . . . . internal: bubble-tight  
external: design to meet  $\leq 2 \times 10^{-8}$  atm cc/sec He  
operating temperature . . . . . -40° F to +165° F  
(-40° C to +74° C)

#### flow capacity

3500 PSIG inlet . . . . .  $C_V = .06$   
400 PSIG inlet . . . . .  $C_V = .15$

#### ❑ Media Contact Materials

body . . . . . 316 Stainless Steel  
bonnet . . . . . Nickel Plated Brass  
diaphragm . . . . . 316 Stainless Steel  
seat . . . . . Teflon®  
friction sleeve (inner) . . . . . Teflon®  
remaining parts . . . . . 316 Stainless Steel

*For other materials and modifications, please consult Tescom.*

#### ❑ Cleaning . . . . . CGA 4.1 and ASTM G93

#### ❑ Weight (without gauges) . . . . . 3 lbs. (1.35 kg)

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

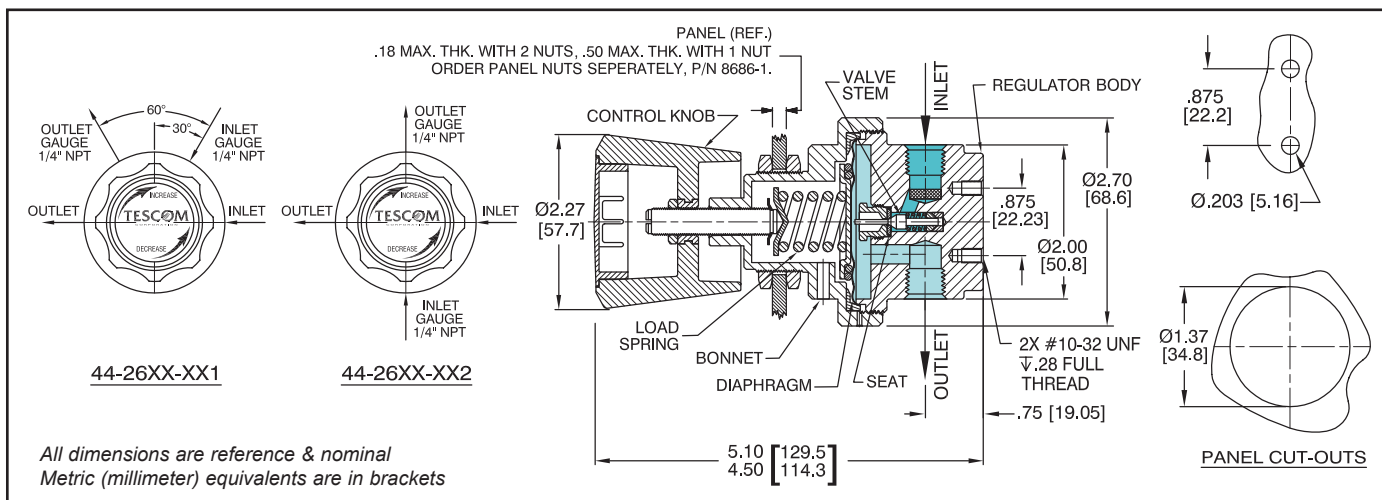
Teflon® is a registered trademark of Du Pont.



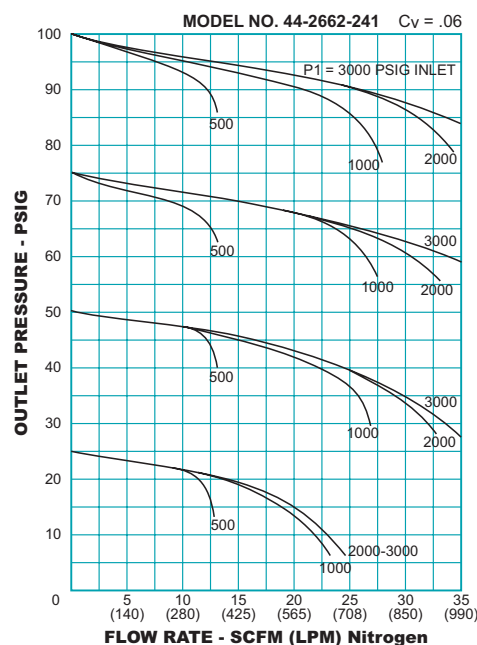
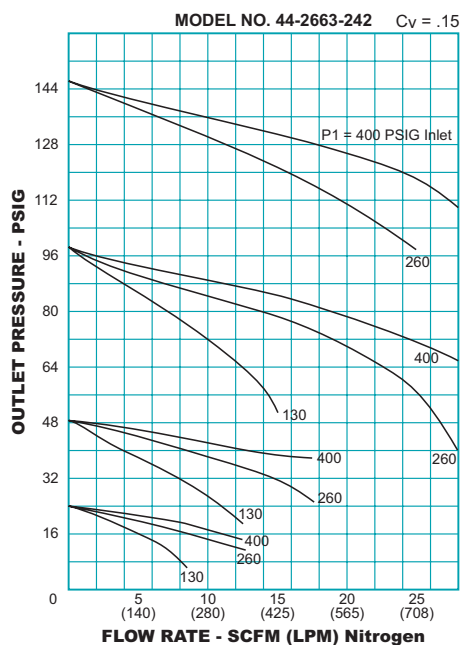
### Advantages

- Features a large convoluted diaphragm for extreme sensitivity with minimum droop
- Repeatability:  $\pm 1/2\%$  of outlet pressure range
- Features a unique metal to metal diaphragm to body seal
- Accuracy:  $\pm 1\%$  of outlet pressure range
- Gauge ports standard
- Dome loaded version available
- Low flow model available,  $C_V = .02$  (-031 modification)
- High flow model available,  $C_V = .24$  (-042 modification)

# 44-2600 Series Sensitive/Accurate



## Flow Charts



## Part Number Selector

example part number:

**44-26 6 1 - 2 4 1**

BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE RANGES	INLET & OUTLET PORT TYPE	INLET & OUTLET PORT SIZE	MAXIMUM INLET PRESSURE
44-26	6 - 316 Stainless Steel	0 - 0-25 PSIG 1 - 0-50 PSIG 2 - 0-100 PSIG 3 - 0-150 PSIG 4 - 0-250 PSIG*	2 - NPT	4 - 1/4"	1 - 3500 PSIG 2 - 400 PSIG

\*Available for 400 PSIG maximum inlet pressure only.

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.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, expressed or implied, regarding the products or services described herein or their use or applicability. We reserve the right to modify or improve the designs or specifications of such product at any time without notice.

For information contact:

**TESCOM**

TESCOM Industrial Controls

Tel: 800-447-1250 • 763-241-3238

Fax: 763-241-3224 • email: ic@tescom.com

12616 Industrial Boulevard • Elk River, MN 55330 USA

www.TESCOM.com

©Tescom Corporation, 2006; All Rights Reserved.  
Tescom is a business unit of the Regulator Division.  
Trademarks are property of divisions of Emerson Process Management.

Form No. 1794 Rev. 4/06 Printed 4/06 5M Printed in the U.S.A.

**EMERSON**  
Process Management