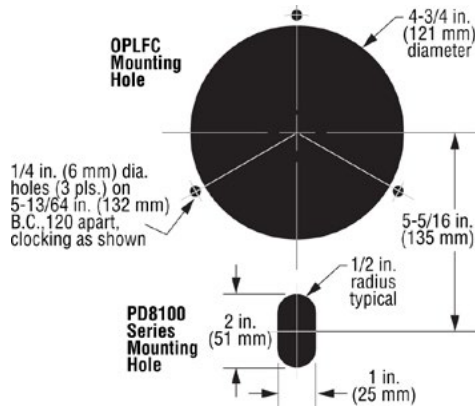


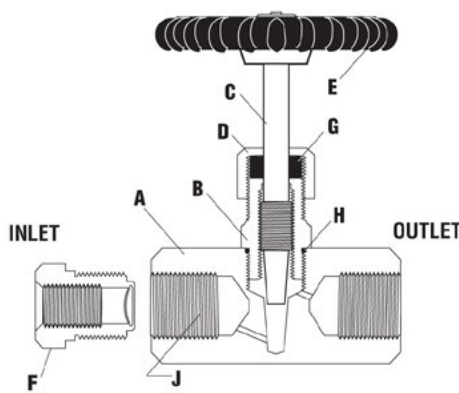
Mounting

The PD8100 Series Pulsation Dampener is mounted directly below the OPLFC Pressure Gauge.



Precautions: Do not block the inlet orifice. Use caution when applying dope or Teflon tape on connection threads.

Diagram



A. 1/2 NPT inlet x 1/4 NPT outlet*
A. 1/2 NPT x 1/2 NPT outlet*
B. Bonnet Fitting
C. Valve Stem
D. Packing Nut
E. Hand Wheel (with 10-32 nut)
F. Strainer Bushing Assembly†
G. Molded Packing Gland
H. O Ring Bonnet Seal
J. Stainless Mesh Filter**

*For 1/4 NPT inlet use with strainer bushing assembly
 †Provided only for units with 1/4 NPT inlet
 **Provided in units with 1/2 NPT inlet.

How to Order

Options listed below. All configurations may not be available. Call your sales representative or FW Murphy for more information.

PD8185 - 1/4 x 1/4

Base Model	
PD8183	= Brass wetted parts, Rated to 3000 psi (20.68 MPa) [206.80 bar]
PD8184	= Carbon Steel wetted parts, Rated to 5000 psi (34.47 MPa) [344.70 bar]
PD8185	= 303 Stainless Steel wetted parts, Rated to 10000 psi (68.95 MPa) [689.50 bar]

Connection Size	
1/4 x 1/4	= 1/4 NPT Inlet x 1/4 NPT Outlet
1/4 x 1/2	= 1/4 NPT Inlet x 1/2 NPT Outlet (PD8183, PD8184 only)
1/2 x 1/2	= 1/2 NPT Inlet x 1/2 NPT Outlet
1/2 x 1/4	= 1/2 NPT Inlet x 1/4 NPT Outlet (PD8183, PD8184 only)

Approximate Shipping Weight and Dimensions		
Model	Weight	Dimension
All models	2 lb. 0 oz.	4 3/4 x 4 3/4 x 3 1/4 in.

Part Number				Description	Notes
PD8183	PD8184	PD8185	PD8190		Service Parts
55000179	55000179	55000179	55000179	Hand Wheel (with 10-32 nut)	
55000174	55000173	55000175	-----	Strainer Bushing Assembly†	