



LMO High Pressure Series Filter Housings

Accepts 10 in (25.4 cm) or 20 in (50.8 cm) Double Open End Filter Cartridges

- Designed and constructed specifically for high pressure applications (750 or 1000 PSIG)
- Standard multi-bolt closure design provides safe, trouble-free sealing
- In-line inlet and outlet connections ensure easy installation
- Eye nut and flange options available
- Not for use with non-compressible filter cartridges such as pleated, carbon, metallic, and membrane.
For non-compressible cartridges use the LMOVS-HP/VHP Series housings.

Housing Specifications

Maximum Operating Pressure:

HP: 750 psig (51.7 bar) @ 250°F (121°C)

VHP: 1000 psig (69 bar) @ 250°F (121°C)

Material of Construction:

316 Stainless Steel

Connections:

Inlet/Outlet: ¾" NPT

Drain: ¼" NPT

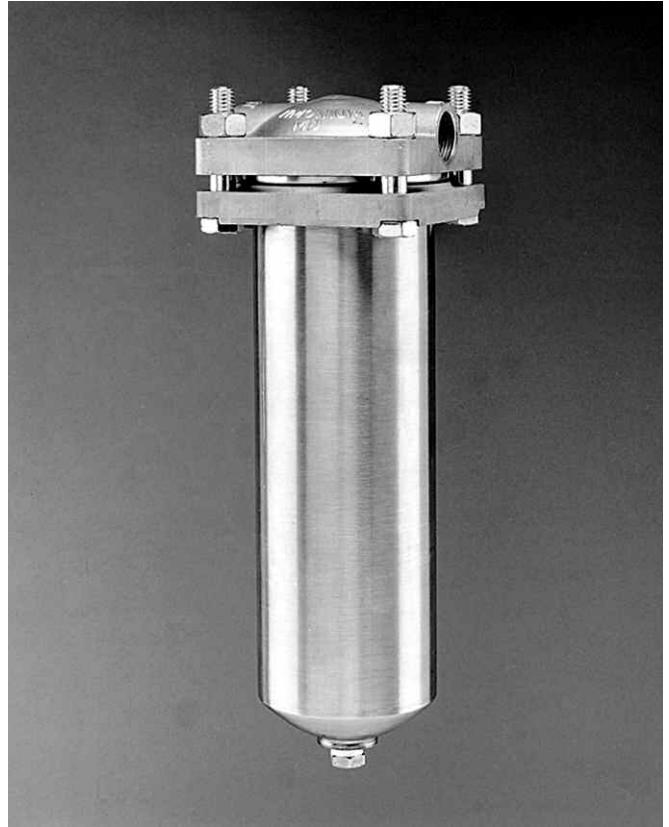
Shell O-rings: Ethylene Propylene (standard), Nitrile, FEP, Fluorocarbon Elastomer, Neoprene, Silicone Elastomer

Eye Nut Option:

Zinc plated steel eye nuts are available. Four eye nuts (Part #T10640030) are required. Standard units are supplied with hex nuts.

Flange Option:

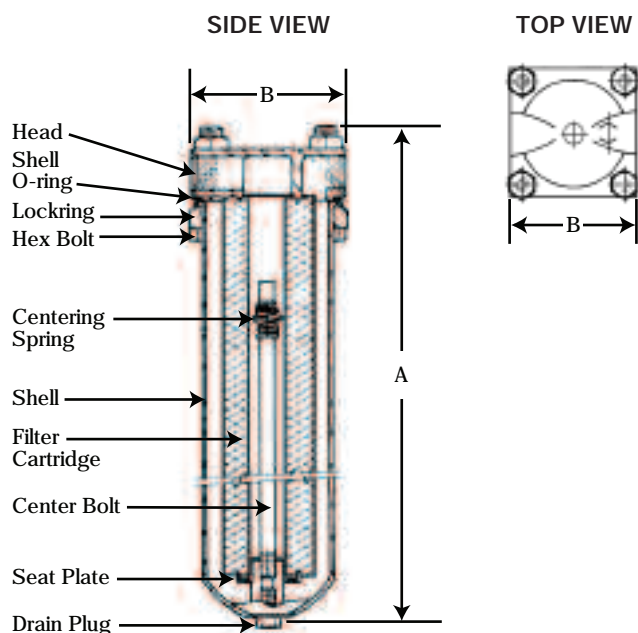
LMOHP housings are available with ¾" welded flanges.



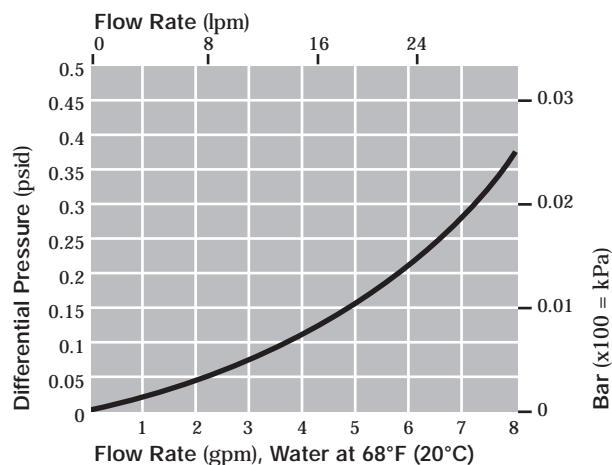
Dimensional Data (nominal)

Model	Flow Rate ¹ gpm	Dimensions (inches)		Weight (pounds)
		A	B	
LMO10S – ¼ HP	to 10 (37.9 lpm)	13 (33 cm)	4 ¾ (11.1 cm)	10 (4.5 kg)
LMO20S – ¼ HP	to 20 (75.7 lpm)	23 (58.4 cm)	4 ¾ (11.1 cm)	13 (5.9 kg)
LMO10S – ¼ VHP	to 10 (37.9 lpm)	13 (33 cm)	4 ¾ (11.1 cm)	10 (4.5 kg)
LMO20S – ¼ VHP	to 20 (75.7 lpm)	23 (58.4 cm)	4 ¾ (11.1 cm)	13 (5.9 kg)

¹ Dependent upon cartridge selection, fluid viscosity, and allowable pressure drop.



Housing Differential Pressure vs. Liquid Flow Rate



For liquids other than water, multiply differential pressure by specific gravity.

Part Numbers/Ordering Information

LMO ● S – ¼ ▼ ☆ (e.g., LMO10S–¼FHP)

Code ●	Cartridge Lengths
10	10"
20	20"

Code ▼	Connection Styles
Blank	NPT
F	Flange

Code ☆	Pressure Rating
HP	750 psig @250°F
VHP	1000 psig @250°F



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