



LMO Non-Metallic Series Filter Housings

Durable, Corrosion Resistant Design for Liquid Applications

- Cost effective alternative to stainless steel in corrosive fluid applications
- Accepts 50.8 cm (20 in) DOE or Pall M5 (code 5) Style cartridge
- Fixed guides in head and shell ensure proper alignment and seating of cartridges

Housing Specifications

Maximum operating pressure

LMO-U: 8.6 bar (125 psig) @ 52°C (125°F)

LMO-UP: 6.9 bar (100 psig) @ 66°C (150°F)

NOTE: Maximum operating pressure ratings are vessel ratings only. Safe operating temperature and pressure will depend on the filter cartridge and gasket/O-ring used. For inquiries on compatibility, contact Pall or your Pall distributor.

Construction

	Head ¹	Shell
LMO-U:	Polypropylene	Polypropylene
LMO-UP:	Polypropylene	SAN (Styrene Acrylonitrile)

Connections

Inlet/outlet: 3/4" NPT

Shell O-rings

Ethylene propylene (standard),
Nitrile, neoprene, fluorocarbon
elastomer

Standard colors

LMO-U:	Opaque with blue head and shell
LMO-UP:	Blue head and clear shell

Food and water contact use

Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.



Selection Criteria

	LMO-U	LMO-UP
Ultra violet light	Recommended	Fair
Strong acid	Recommended	Fair
Weak acid (<20%)	Recommended	Recommended
Organic solvent	Recommended	Not Recommended
Strong oxidizing agent	Recommended	Not Tested
Weak base (<20%)	Recommended	Recommended
Strong base	Recommended	Fair

This housing is not recommended for compressed air or gas service. It is suitable for use with fully compatible* liquids only. This housing is not recommended for acid service at the pressure shown. Please contact Pall for detailed compatibility information.

* which do not soften, swell or adversely effect the product or its materials of construction

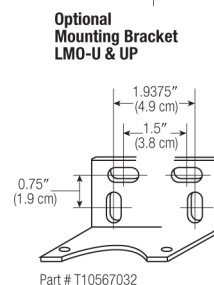
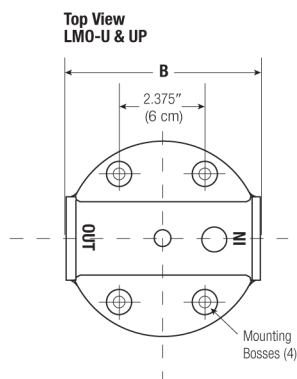
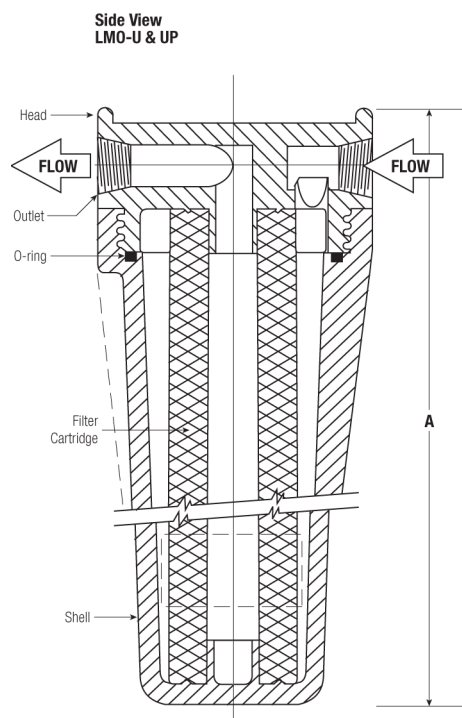
NOTE: Use of this product in a manner other than in accordance with Pall's current recommendations may lead to injury or loss. Pall cannot accept liability for such injury or loss.

¹ Housing head has mounting bosses, which accept self-tapping screws for attaching a bracket to the housing.

Dimensional Data (nominal)

Model	Liquid Flow Rate ² lpm (gpm)	Dimensions cm (in)		Weight kg (lb)
		A	B	
LMO20U-3/4	to 75.7 (20)	57.2 (22.5)	13.7 (5.38)	4.1 (9)
LMO20UP-3/4	to 75.7 (20)	57.2 (22.5)	13.7 (5.38)	4.1 (9)

² Dependent upon cartridge selection, fluid viscosity and allowable pressure drop.



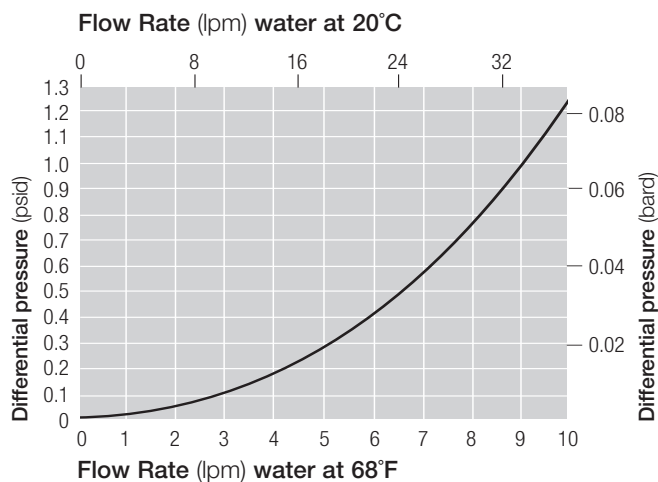
Ordering Information

Pall Part Number = LMO 20 1 - 3/4

Table 1

Code	Materials of construction
U	Polypropylene
UP	SAN

Housing Differential Pressure vs. Liquid Flow Rate



Unit conversion: 1 bar = 100 kpa

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



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Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid.

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1725-14C

Produced in the USA

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