

VP Series Filter Housing

Description

The VP series filter housing is constructed from virgin polypropylene and contains no talc, fillers, glass, colorants, plasticizers, or lubricants. This makes the VP housing the ideal choice for low flow liquid applications such as slurries, compatible chemicals, and DI water.

- Accepts single open ended 222 O-ring style filter cartridges
- Virgin polypropylene
- Accepts 102 mm/4 in or 254 mm/10 in nominal cartridge lengths
- Optional mounting bracket in stainless steel (not included)

Specifications

Materials of construction

Head/bowl:

- Virgin polypropylene

Shell O-ring:

- EPDM, nitrile, fluorocarbon elastomer

Configurations

Inlet/outlet connections:

- $\frac{3}{4}$ " FNPT

Vent/drain:

- $\frac{1}{4}$ " NPT

Cartridge adaptor:

- Code 3, 8

Operating conditions

Maximum operating pressure:

- 6.9 bar/100 psig @ 52°C/125°F
- 8.6 bar/125 psig @ 20°C/68°F



Note: Maximum operating pressure ratings are vessel ratings only. Safe operating temperature and pressure will depend on filter cartridge, gasket use and fluid compatibility. For inquiries on compatibility, contact Pall.

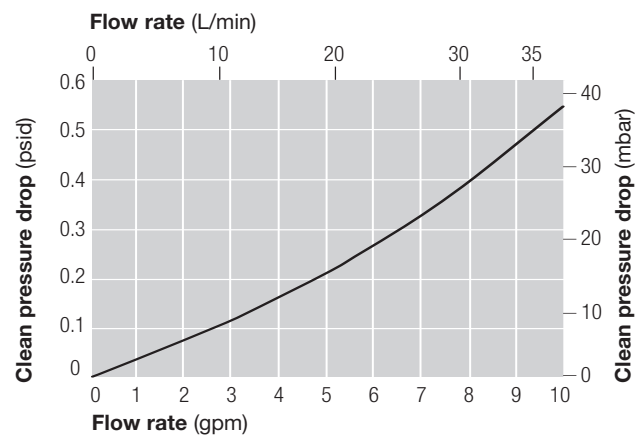
This housing is not recommended for compressed air or gas service. It is suitable for use with fully compatible* liquids only. This housing is not recommended for acid service at the pressure shown. Please contact Pall for detailed compatibility information.

* 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.

Pressure Drop vs. Liquid Flow Rate¹

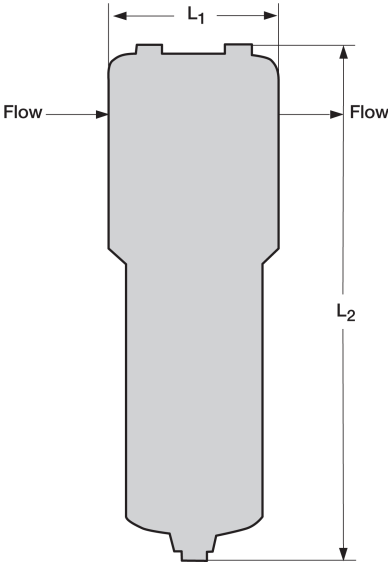
Dimensions



Unit conversion: 1 bar = 100 kPa

¹ For liquids other than water, multiply differential pressure by the specific gravity of the fluid.

Pressure drop curve represents an empty housing.



Dimensions

Model	Liquid Flow Rate (L/min/gpm)	Dimensions (mm/in)	
		L ₁	L ₂
VP4 - ¼ - 222	15/4	124.46/4.91	204.21/8.04
VP10 - ¾ - 222	38/10	124.46/4.91	420.62/16.56

Ordering Information

Pall Part Number = VP 1 - 3/4 - 222 - 2

Table 1

Code	Cartridge length (mm/in)
4	102/4
10	254/10

Table 2

Code	O-ring materials
N	Nitrile
V	Fluorocarbon elastomer