



## Fluoro-Plus™ PVDF Series Filter Housings

### High Performance PVDF Single Cartridge Filter Housings

- Polyvinylidene fluoride (PVDF) materials of construction provide excellent chemical compatibility and strong mechanical properties with the lowest possible extractables
- Accepts one 10.2 cm (4 in), 25.4 cm (10 in) or 30.5 cm (12 in) 222 O-ring SOE style filter cartridge
- 3/4" NPT, 25 mm or 32 mm butt weld inlet/outlet connections available
- PFA coated mounting bracket available
- Standard upstream and downstream gauge connections

### Housing Specifications

#### Maximum operating pressure

7.6 bar (110 psig) @ 95°C (203°F)

10.3 bar (150 psig) @ 20°C (68°F)

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

#### Construction

Head and bowl:	Polyvinylidene fluoride (PVDF)
O-ring:	Fluorocarbon elastomer
Threaded head inserts:	PTFE coated 316 stainless steel
Optional mounting bracket:	PFA coated 304 stainless steel
NPT plugs:	PFA

#### Connections

Inlet/outlet:	3/4" NPT (standard) 25 mm butt weld 32 mm butt weld
Vent and drain:	1/4" NPT

#### Cartridge configurations

10.2 cm (4 in):	M3 (Code 3), 222 O-rings, flat closed end
25.4 cm (10 in) or 30.5 cm (12 in):	M8 (Code 8), 222 O-rings, fin closed end



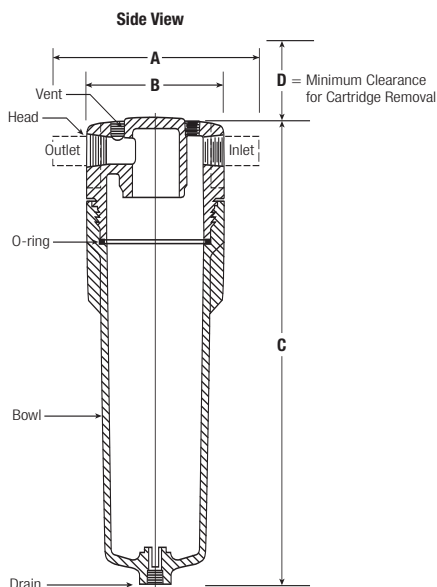
This housing is not recommended for compressed air or gas service. It is suitable for use with fully compatible\* liquids only. This housing is not recommended for acid service at the pressure shown. Please contact Pall for detailed compatibility information.

\* which do not soften, swell or adversely affect 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.

## Dimensional Data (nominal)

Model	Dimensions cm (in)			
	A	B	C	D
IDO4-PVDF- $\frac{3}{4}$	–	12.37 (4.87)	20.24 (7.97)	15.2 (6)
IDO4-PVDF-25BW	19.5 (7.68)	–	20.24 (7.97)	15.2 (6)
IDO4-PVDF-32BW	19.5 (7.68)	–	20.24 (7.97)	15.2 (6)
IDO10-PVDF- $\frac{3}{4}$	–	12.37 (4.87)	41.71 (16.42)	33 (13)
IDO10-PVDF-25BW	19.5 (7.68)	–	41.71 (16.42)	33 (13)
IDO10-PVDF-32BW	19.5 (7.68)	–	41.71 (16.42)	33 (13)



## Ordering Information

Pall Part Number = IDO 1 - PVDF - 2

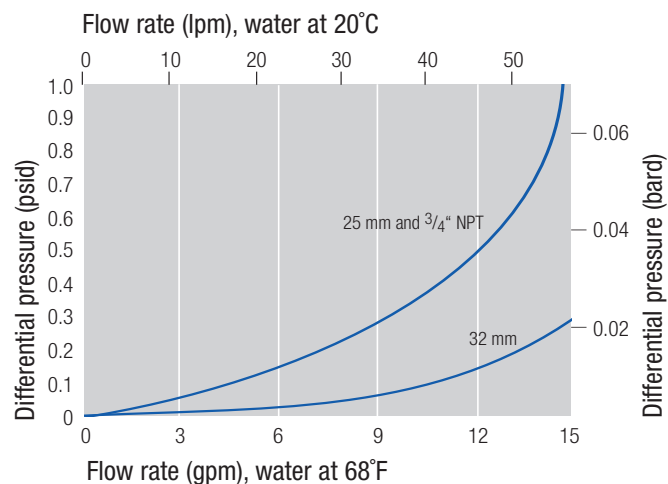
Table 1

Code	Cartridge lengths cm (in)
4	10.2/4 (M3 only)
10	25.4/10
12	30.5/12 (M8 only)

Table 2

Code	Inlet/outlet connection sizes
$\frac{3}{4}$	$\frac{3}{4}$ " NPT
25 BW	25 mm butt weld
32 BW	32 mm butt weld

## Housing Differential Pressure vs. Liquid Flow Rate



Unit Conversion: 1 bar = 100KPa

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



Pall Corporation

25 Harbor Park Drive  
Port Washington, NY 11050  
+1 516 484 3600 telephone  
+1 800 289 7255 toll free US

Portsmouth - UK  
+44 (0)23 9230 3303 telephone  
+44 (0)23 9230 2507 fax  
processuk@pall.com

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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.

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