

# JD Series Filter Housings



Data Sheet MEJDEN

## Polypropylene Single Cartridge Housing

- Constructed from polypropylene with no fillers, colorants or lubricants
- Economical alternative to fluoropolymer, stainless steel or other high purity vessels
- Housing designed to accept SOE filter cartridges with 222 O-ring sealing
- Excellent chemical compatibility for use with semiconductor grade chemicals, CMP slurry, magnetic coatings, electronic etching solutions, DI and reagent grade water
- Accommodates standard 50.8 cm (20 in) Pall M3 (Code 3) style filter cartridges



## Specifications

### Materials of Construction

Head and Bowl		Polypropylene – no fillers, colorants or lubricants
Shell O-rings		Fluoroelastomer (standard), nitrile, silicone elastomer
Replacement Cap Plug Kit		For vents / drains – includes one plug and one O-ring (Part # T11039030)
Connections	Inlet / Outlet	3/4" FNPT
	Vent / Gauge	1/4" FNPT
	Drain	1/4" FNPT
Maximum Operating Pressure <sup>1</sup>		0.69 MPa @ 38 °C / 100 psig @ 100 °F

<sup>1</sup> 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 the factory or your Pall distributor.

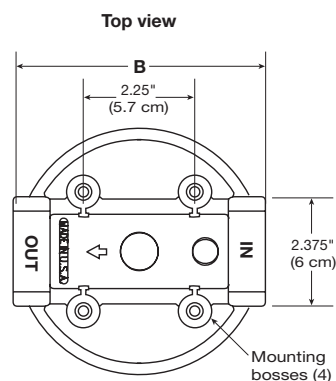
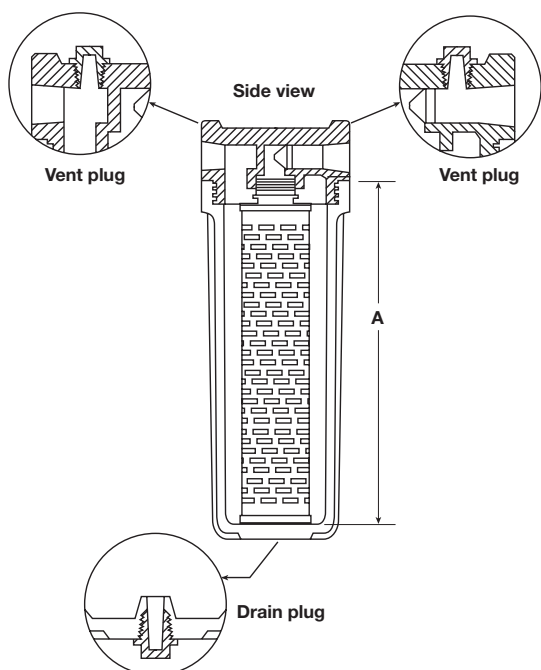
This housing is not recommended for compressed air or gas service. It is suitable for use with fully compatible\* liquids only.  
This housing is not recommended for acid service at the pressure shown. Please contact Pall for detailed compatibility information.

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

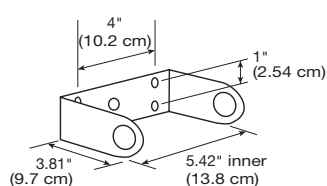
**NOTE :** Use of this product in a manner other than in accordance with Pall's current recommendations may lead to injury or loss.  
Pall cannot accept liability for such injury or loss.

## Dimensions (nominal)

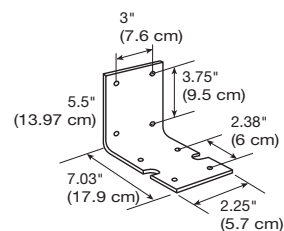
Part Numbers	Dimensions cm (in)		Weight kg (lb)
	A	B	
JD20	50.65 (19.94)	13.03 (5.13)	1.93 (4.25)



### Optional mounting brackets



Part #11018031



Part #11018030

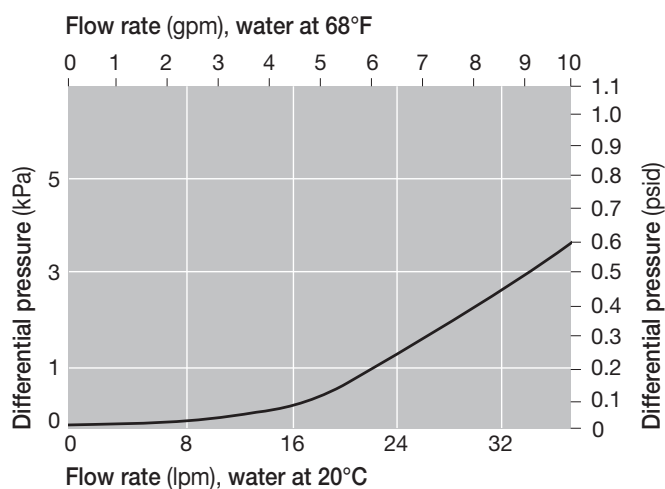
## Part Numbers / Ordering Information

JD20 – 3/4 **1**

Table 1

Code	O-ring Materials
Blank	Fluoroelastomer
N	Nitrile
S	Silicone

## Typical Flow vs. Differential Pressure<sup>2</sup>



<sup>2</sup> Flow / pressure drop characteristics refer to the empty housing only. For liquids other than water, multiply differential pressure by the specific gravity of the fluid.



### Microelectronics

25 Harbor Park Drive  
Port Washington, NY 11050  
+1 516 484 3600 telephone  
+1 800 360 7255 toll free US

### Nihon Pall Ltd.

6-5-1, Nishishinjuku,  
Shinjuku-ku  
Tokyo 163-1325 Japan  
+81 3 6901 5700 telephone  
+81 3 5322 2109 fax

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The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE 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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