



Pall Advanta™ Jacketed Housings

Description

Pall Advanta Jacketed Filter Housings are fabricated with either T-Type or In-Line flow designs and AB style Code 7 fitting configurations for single open-ended (SOE) sanitary AB style filter cartridges. They offer the added feature of a 316L stainless steel jacket for temperature control using hot water or steam, and are suitable for gas service or liquid flows to 20 gal/min (75 L/min) with minimal pressure drops.

Features and Benefits

- Corrosion resistant 316 L Stainless steel jacket for temperature control
- In-Line or T-Type flow designs
- Entire housing electropolished
- Internal surfaces with $\leq 0.4 \mu\text{m}$ ($\leq 15 \mu\text{in.}$) Ra surface finish
- External surfaces with $\leq 0.8 \mu\text{m}$ ($\leq 32 \mu\text{in.}$) Ra surface finish
- Low hold-up volume — maximizes product recovery
- Easy-draining features, including downward sloping internal contour and low-point drain — allows easy removal of CIP solution or product
- Fewer welds — results in an extremely sanitary design
- Automated orbital welding — produces consistent high quality welds
- Non-rotating vent and drain — prevent twisted hoses and allow hard piping
- Manufactured for use in conformance with cGMP
- 3-A Sanitary Standard Symbol for optimized CIP/cleanable design
- Manufacturing Quality System Certified to ISO 9000 Standards

Specifications

Materials of Construction

Housing	316L Stainless Steel
Design Pressure and Temperature	10 barg at 140 °C (150 psig at 284 °F); Jacket: 4.9 barg at 140 °C (72 psig at 284 °F)
Nominal Diameter	114.5 mm (4 ½ in.)
Number of Cartridges	1

Cartridge Style	AB Code 7
Inlet and Outlet Connections	1½ in. Sanitary coupling; Jacket: ½ in. NPT
Standard Gasket O-ring Material	Ethylene Propylene
Legs and Support	ALT: Stand available; ALI: None
Closure Style	Vee-band clamp
Flow Configuration	ALT: Tee; ALI: In-Line

Operating Conditions

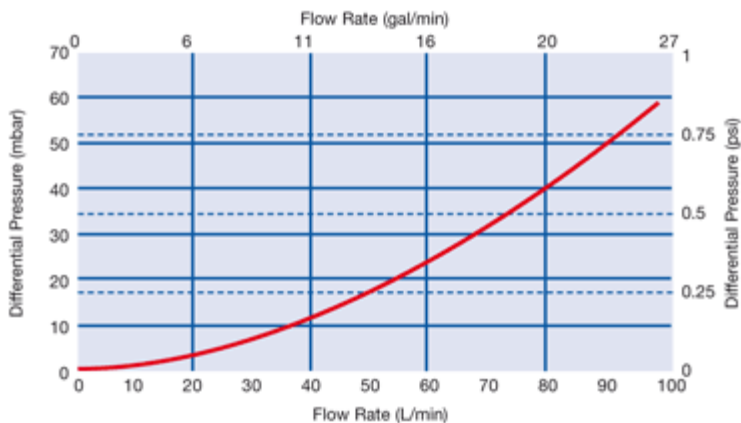
Maximum Operating Pressure	-1 ¹ to 10 barg (-14.5 ¹ to 150 ² psig)
Maximum Operating Temperature	150 °C (300 °F)

¹ Full vacuum

² With compatible fluids, which do not soften, swell or adversely affect the gasket materials

Additional Information

Typical Water Flow Rates⁽¹⁾



Ordering Information

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ALT1		J23			H4	
ALI1		J23L			H4	
Code	Cartridge Type		Code	Vent	Code	Drain
1	AB1 code 7		A	Sanitary valve with quick-release coupling	B	Sanitary valve with 8 mm (0.314 in.) hosetail
2	AB2 code 7		B	Sanitary valve with 8 mm (0.314 in.) hosetail	D	½ in. sanitary coupling to ISO2037/BS4825
3	AB3 code 7		C	ISO2037/BS4825 with side sanitary valve with quick release fitting for Stäubli type couplings	N	None
4	AB4 code 7		D	½ in. Sanitary coupling to ISO2037/BS4825		
			N	None		

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Contact Information

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This information is accurate as of the revision date indicated.