

PFA Plus Filter Housing

High purity PFA filter housing for maximum chemical resistance

The PFA Plus filter housing is designed for maximum chemical resistance and high purity for microelectronics applications. Constructed of PFA (wetted parts) and PTFE (non-wetted parts), this housing is compatible with the most aggressive chemistries.

The high-purity materials of construction and cleanroom packaging insure a high level of cleanliness. The housing consists of a stationary bowl and locking ring that provides a positive seal and easy filter replacement.

The PFA Plus is compatible with our Fluoroflow® line of all-fluoropolymer cartridges including the large-diameter Fluoroflow®-XL in 10 inch lengths.



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Benefits

- Excellent chemical resistance
- High-purity construction
- Packaged in cleanroom
- High flow rates
- Compatible with 2.75" and 3.25" diameter cartridges

Applications

- Wet etch and clean (100°C or less)
- Photochemicals
- DI water



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PFA Plus Filter Housing

SPECIFICATIONS

Materials of Construction

Head and Bowl: PFA440HP or Equivalent
 O-Ring: FEP Encapsulated Viton®
 Locking Ring: PTFE (non-wetted part)

Connections

Inlet/Outlet 3/4" or 1" Flare
 Vent/Drain 1/4" Flare

Maximum Pressure

0.3Mpa 100°C | 43.5psi 212°F
 0.75Mpa 25°C | 108.7psi 77°F

Maximum Operating Temperature

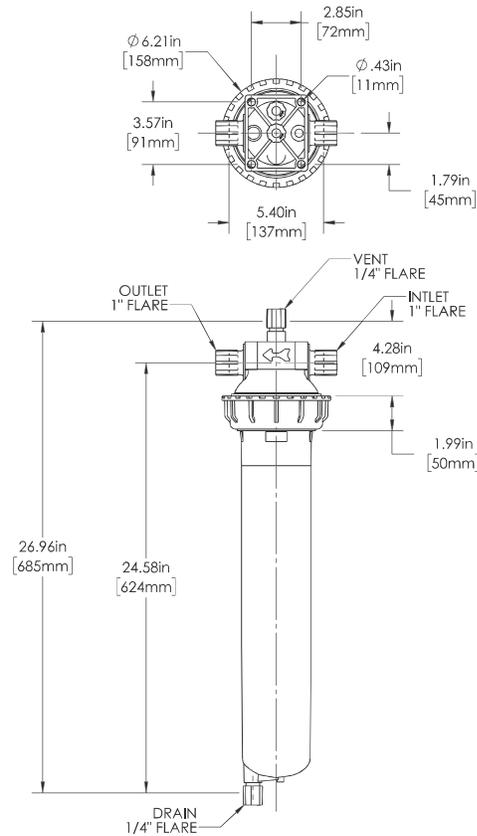
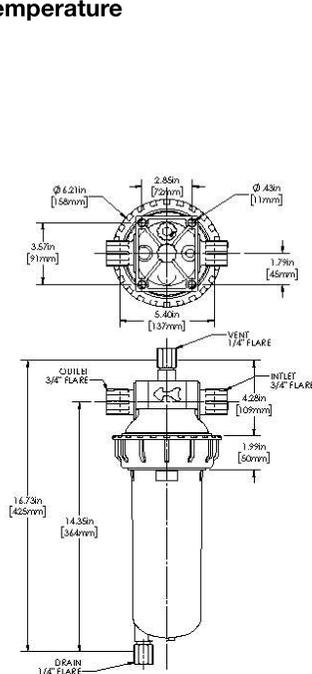
100°C (212°F)

Cartridge Configurations Supported

Size	Description
10"	222 Flat End Cap
	SS Reinforced 222 Flat End Cap
20"	222 Flat End Cap
	SS Reinforced 222 Flat End Cap

Dimensional Data

Housing Size	Housing Style	Overall Width	Overall Length
10	3/4" Flare	6.5" 165mm	18.1" 460mm
20	1" Flare	7" 177mm	27.6" 700mm



Ordering Information

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	Bowl Length		Connection Type		Connection		Drain/Vent Type		Drain/Vent Size		Seal Material	
	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
	10	10" 254	F	Flare	08	3/4" 19.05	F	Flare	02	1/4" 6.35	T	FEP Encapsulated Viton®
	20	20" 508			10"	1" 25.4						

*1" only avail. with 20" housing

Specifications are subject to change without notification.
 For User Responsibility Statement, see www.parker.com/safety
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 Viton is registered trademark of E.I. DuPont de Nemours & Co., Inc.

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DS_ME_PFA Plus Housing Rev. A



WARNING: This product can expose you to chemicals including Nickel and Nickel alloy which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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