

# Trufluor +™

High purity PFA filter housing

The Trufluor +™ filter housing is designed for maximum chemical resistance and high purity for microelectronics applications. Constructed of PFA (wetted parts) and PVDF (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. It is compatible with our Fluoroflow® line of all-fluoropolymer cartridges including the large-diameter Fluoroflow®-XL in lengths of 10, 20 and 30 inches.



## Contact Information

Parker-Hannifin Corporation  
**domnick hunter**  
**Process Filtration - N.A.**  
2340 Eastman Avenue  
Oxnard, California, USA 93030

toll free +1 877 784 2234  
phone +1 805 604 3400  
fax +1 805 604 3401  
dhpsales.na@parker.com

[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

## 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 (90°C or less)
- Photochemicals
- DI water



ENGINEERING YOUR SUCCESS.

# Trufluor +™

## SPECIFICATIONS

### Materials of Construction

Head and Bowl: High Purity PFA  
 O-Ring: FEP Encapsulated Viton®  
 Locking Ring: PVDF (non-wetted part)

### Connections

Inlet/Outlet 3/4" or 1" Flare  
 3/4" or 1" Butt-Weld  
 Vent/Drain 1/4" Flare  
 1/4" Butt-Weld  
 1/4" NPTF  
 3/8" Closed  
 3/8" Flare

### Maximum Operating Specifications

50 psig (3.4 bar) at 194°F (90°C)  
 100 psig (6.9 bar) at 77°F (25°C)

## Dimensional Data

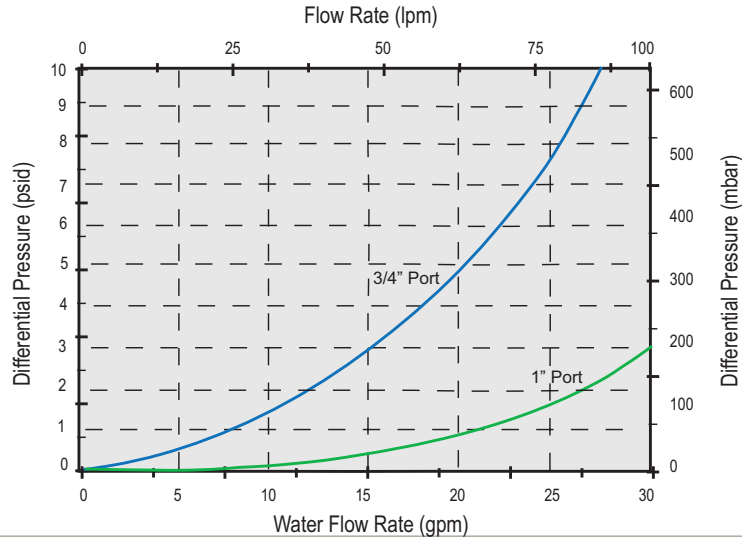
10" Trufluor+ Filter		
Housing Style	Overall Width	Overall Length
3/4" Butt-Weld Pipe	9.0"   22.9 cm	16.0"   40.6 cm
3/4" Flare	10.5"   26.7 cm	19.5"   49.5 cm
1" Butt-Weld Pipe	9.0"   22.9 cm	16.0"   40.6 cm
1" Flare	11.0"   27.9 cm	19.5"   49.5 cm

20" Trufluor+ Filter		
Housing Style	Overall Width	Overall Length
3/4" Butt-Weld Pipe	12.0"   30.5 cm	25.7"   65.3 cm
3/4" Flare	10.5"   26.7 cm	29.3"   74.4 cm
1" Butt-Weld Pipe	9.0"   22.9 cm	25.7"   65.3 cm
1" Flare	11.0"   27.9 cm	29.3"   74.4 cm

30" Trufluor+ Filter		
Housing Style	Overall Width	Overall Length
3/4" Butt-Weld Pipe	12.0"   30.5 cm	35.5"   90.2 cm
3/4" Flare	10.5"   26.7 cm	39.1"   99.3 cm
1" Butt-Weld Pipe	9.0"   22.9 cm	35.5"   90.2 c
1" Flare	11.0"   27.9 cm	39.1"   99.3 cm

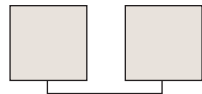
## Cartridge Configurations Supported

Size	Description
10"	222   Flat End Cap SS Reinforced 222   Flat End Cap
20"	222   Flat End Cap SS Reinforced 222   Flat End Cap
30"	222   Flat End Cap SS Reinforced 222   Flat End Cap



## Ordering Information

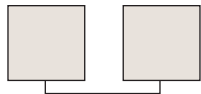
TFP



Bowl Length		
CODE	DESCRIPTION	
	INCHES	mm
10	10"	254
20	20"	508
30	30"	762



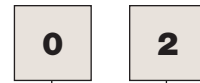
Connection Type	
CODE	DESCRIPTION
F	Flare
W	Butt-weld



Connection		
CODE	DESCRIPTION	
	INCHES	mm
08	3/4"	19.05
10	1"	25.40



Drain/Vent Type	
CODE	DESCRIPTION
C	Closed <sup>1</sup>
F	Flare <sup>1</sup>
W	Butt-Weld
N	NPTF



Drain/Vent Size		
CODE	DESCRIPTION	
	INCHES	mm
02	1/4"	6.35



Seal Material	
CODE	DESCRIPTION
T	FEP Encapsulated Viton®

<sup>1</sup> Additional charges apply

Specifications are subject to change without notification.  
 For User Responsibility Statement, see [www.parker.com/safety](http://www.parker.com/safety)  
 Trufluor is a registered trademark of Parker-Hannifin Corporation  
 Viton is registered trademark of E.I. DuPont de Nemours & Co., Inc.

© 2008 Parker-Hannifin Corporation  
 domnick hunter Process Filtration - N.A.  
 All Rights Reserved



DS\_ME\_Trufluor+ Housing Rev. A

ENGINEERING YOUR SUCCESS.