

3052

## 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.



### 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

**Parker Hannifin Corporation** provides our customers with unsurpassed product consistency and cost-efficiency. Our experienced professionals can help you select the right solution for your application. For more information or to place an order, contact your local distributor. Information on product specifications, applications and chemical compatibility can be found on our web site at [www.parker.com](http://www.parker.com) or through your nearest **Parker Hannifin Corporation** office.

**Parker Hannifin Corporation** designs and manufactures an extensive line of innovative solutions for specific applications in the Microelectronics, Biopharmaceutical, Food and Beverage, Industrial and Chemical industries.



ENGINEERING YOUR SUCCESS.

## 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)

### Cartridge Configurations Supported

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

## Dimensional Data

### 10" Filter

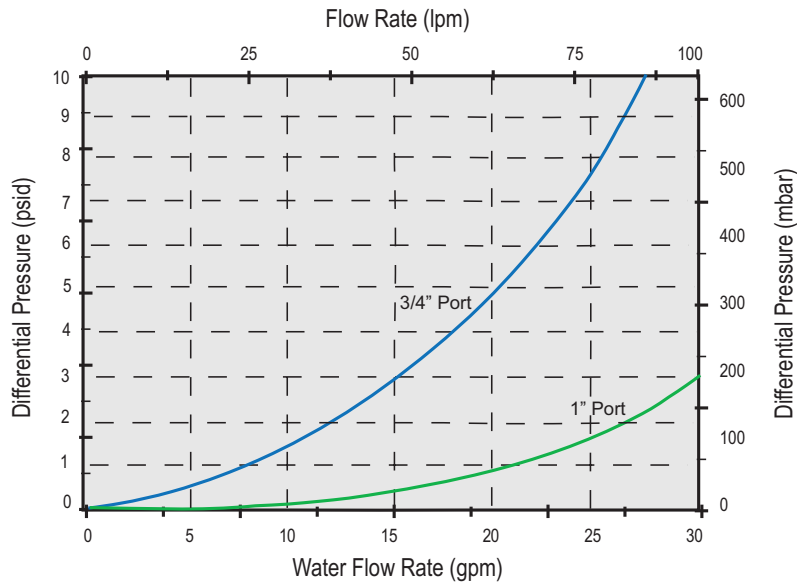
HOUSING STYLE	OVERALL WIDTH	OVERALL LENGTH
3/4" Butt-Weld Pipe	9.0" / 22.9 cm	16.0" / 40.6 cm
3/4" Flare	10.5" / 26.7 cm	19.5" / 49.5 cm
1" Butt-Weld Pipe	9.0" / 22.9 cm	16.0" / 40.6 cm
1" Flare	11.0" / 27.9 cm	19.5" / 49.5 cm

### 20" 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

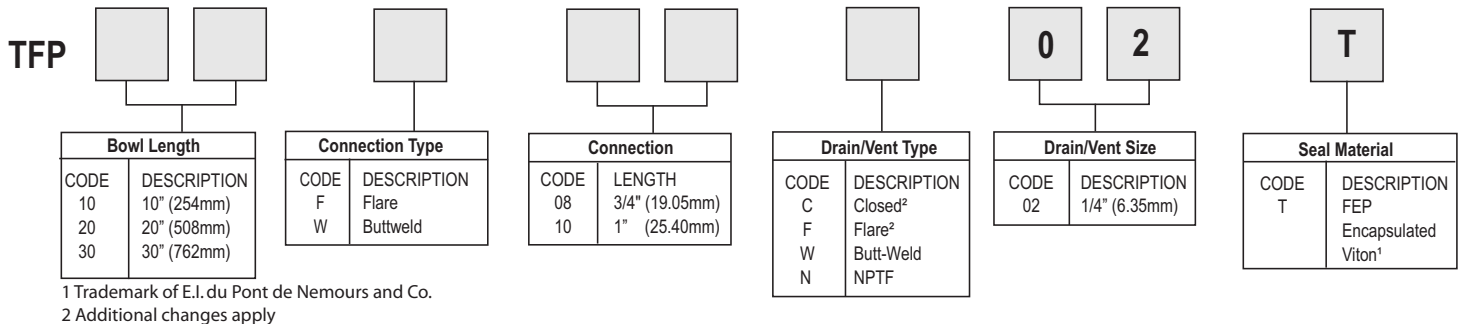
### 30" Filter

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 cm
1" Flare	11.0" / 27.9 cm	39.1" / 99.3 cm



## Ordering Information

Each cartridge is identified with a product number, pore size and lot number for traceability.



Specifications are subject to change without notification.  
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