Trufluor™

High purity, rugged design for aggressive chemical filtration (non ASME code)

The simple, yet rugged design of the Trufluor filtration housing is an excellent solution to any aggressive chemical filtration problem. The two-piece design allows for ease of installation and a positive seal.

Series TFH (Trufluor PFA) uses high purity PFA materials of construction to provide the broadest available chemical compatibility and strong mechanical properties with the lowest possible extractables. Use this choice with a fluoropolymer cartridge for an all fluoropolymer filtration system.

Series TVH (Trufluor PVDF) uses polyvinylidene fluoride (PVDF) materials of construction to provide excellent chemical compatibility and superior mechanical properties with the lowest possible extractables.

Both series accept a 10 in. (25.4 cm) 222 o-ring / flat SOE style cartridge. Choice of ¾″ NPT or ¾″ butt weld inlet and outlet connections available.



Contact Information

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Benefits

- High purity PFA construction
- Also available in PVDF
- Broad chemical compatibility
- Extremely low extractables
- Standard ¼” gauge connections upstream and downstream

Applications

- High purity acids and bases
- Fine Chemical
- Aggressive solvents
- Acid etch and BOE
- Photomask and Photoresist
  - Chemicals
  - Solvents
  - Developers

ENGINEERING YOUR SUCCESS.

Trufluor™

SPECIFICATIONS

Materials of Construction

Head and Bowl:	High purity PFA
O-Ring:	FEP Encapsulated Viton®
NPT Plugs:	High purity PFA
Threaded Head Inserts:	PTFE coated 316 Stainless steel

Connections

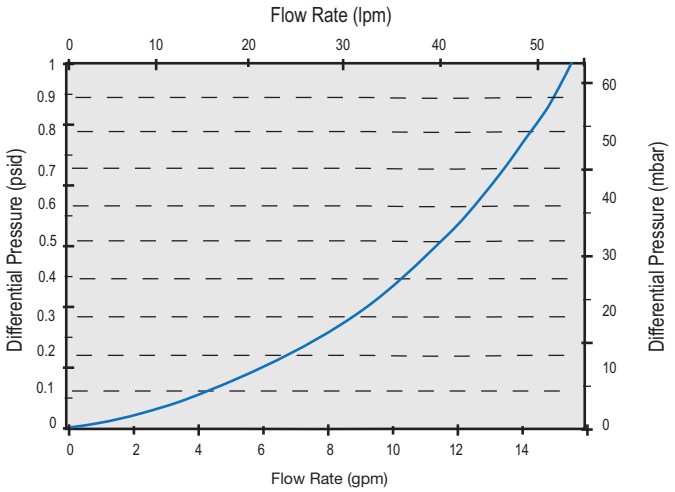
Inlet | Outlet: ¾" NPT or Butt Weld
Vent and Drain: ¼" NPT

Maximum Operating Specifications

TFH (PFA):
65psid (4.5bar) @ 203°F (95°C)
75psid (5.2bar) @ 68°F (20°C)

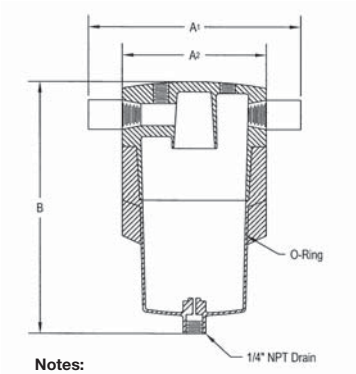
TVH (PVDF):
110psig @ 203°F (95°C)
150psig @ 68°F (20°C)

Housing Differential Pressure vs. Liquid Flow Rate



Cartridge Configurations Supported

Size	Description
10˝	222 | Flat End Cap SS Reinforced 222 | Flat End Cap



Notes:
1. Dim. A1 = ¾˝ Butt-weld
   Dim. A2 = ¾˝ NPT

Housing Part#	Overall Width (A)		Overall Length (B)		Minimum Clearance for Cartridge Removal	
	Inches	cm	Inches	cm	Inches	cm
TFH10N08N02T	4-7/8	12.4	16	40.6	13	33.0
TFH10W08N02T	7-21/32	19.4	16	40.6	13	33.0
TVH10N08N02T	4-7/8	12.4	16	40.6	13	33.0
TVH10W08N02T	7-21/32	19.4	16	40.6	13	33.0

This housing is not recommended for compressed air or gas service. It is suitable for use with fully compatible liquids (which do not soften, swell or adversely affect the product or its materials of construction) only. This housing is not recommended for acid service at the pressure shown.

Please contact Parker for detailed compatibility information.

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

Ordering Information

	10		08		02	T
Model	Bowl Length	Connection Type	Connection Size	Drain/Vent Type	Drain/Vent Size	Seal Material

Model

CODE	DESCRIPTION
TFH	Trufluor PFA
TVH	Trufluor PVDF

Bowl Length

CODE	INCHES
10	10˝

Connection Type

CODE	DESCRIPTION
N	NPT
W	Butt -weld

Connection Size

CODE	INCHES (mm)
08	¾˝

Drain/Vent Type

CODE	DESCRIPTION
N	NPT
W	Butt-weld

Drain/Vent Size

CODE	INCHES (mm)
02	¼˝ (6.35mm)

Seal Material

CODE	DESCRIPTION
T	FEP Encapsulated Viton®

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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