FILTER VESSEL DATASHEET





Top Entry Bag Filter Vessel TF series

TOP ENTRY BAG FILTER VESSEL

TOP ENTRY FILTRATION UNIT

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Top Entry Bag Filter Vessel TF series

TOP ENTRY FILTER VESSEL

Universal Top inlet bag filter designed to give you perfect 360 degree sealing of plastic collar fully welded filter bag sit inside the filter to ensure absolute no by pass, it gives you the top performance in your most challenging liquid filtration process.

All bag filter designs are in ASME VIII see VIII DIV I standard.

Features

- The precision casting top cover has high precision, few welds and stable pressure resistance
- The top cover directly presses and seals the filter bag to ensure the filtration process
- Almost 100% no leakage
- The inner and outer surfaces of the cylinder are sandblasted, the inside is smooth,
- Cleaning work is easier
- Designed according to ASME standards
- Operating pressure: 10 bar / 120 degrees Celsius

Universal Filtration

Design

- Best Sealing design suitable for critical filtration demands
- Precision casting head to reduce pressure loss
- Easy cleaning for your next job ASME Design

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TF Vessel Engineering Specification

	-			
Vessel Type		TF1A1-10-020A	TF1A2-10-020A	
Size		Size 01	Size 02	
Filter Area		0.25m ²	0.50m ²	
Theoretical Flow Rate		20m ³ /hour	40m ³ /hour	
Maximum Operating Pressure		10.0bar	10.0bar	
Maximum Operating Temperature		120 ℃	120 °C	
Material of Construction	All Wetted Parts	Type 304 or 316L stainless steel		
	Restrainer Basket			
Seal Material		Buna, EPDM, Viton, PTFE, Viton+PTFE		
Standard Inlet/Outlet		2" Flange	2" Flange	
Surface Finish		Glass Bead Blasted (standard)		
Filter Volume		13.0 litres	27.0 litres	
Housing Weight		20kg (approx.)	25kg (approx.)	
Installation Height		98cm (approx.)	181cm (approx.)	
Installation Space		50cm x 50cm (approx.)	50cm x 50cm (approx.)	
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<u>TF Vessel Engineering Drawing Sample</u>²





N3/N4	lid holes	1/4″ BSP female with plug	
N2	outlet	Flange ANSI 2″ 150P RF	
N1	inlet	Flange ANSI 2″ 150P RF	
Stutzen Nozzle	descreption	Nom.Size	Form

Universal Top Entry Bag Filter Vessel

Ordering Specification code

Filter Vessel Code TF 1 A 2 - 10 - 020- A - M
No of Bags
Material A – SS304 S – SS316
Filter Bag Size 1 - #1 , 2 - #2 3 - #3, 4 - #4
Design Pressure 10 Bar
Connection 020 – 2" (for #1 & #2)
Connection Type J – JIS Flange A- ANSI Flange D- DIN Flange
Suffix – HJ – Heating Jacket M - Modification

(3) Contact us at sales-inquiry@universal-filtration.com if you are unsure of specification codes. We will assist and recommend a desired solution based on your requirements.

How To Order From US

Send us an inquiry, we will respond with a quote

Whether its for filter housing, filter bags, cartridges, or customisable solutions, we'll respond with a quotation for your needs. We ensure the highest quality finishes and consistency in our products. Email us your requirements and we'll get in touch.

Purchase order & agreement, and production

Once a purchase order is made and our payments terms are agreed to, we'll begin production of your order. Depending on the order, our lead time would vary between one week to four weeks. We'll keep you updated on the progress and status.

Completion, delivery, and sea freight

Once completed, we'll arrange a sea freight shipment to your specified location. We deliver internationally. Delivery by courier is also available. Clients can choose to arrange for self collection direct from our factories through a forwarder, if they would like to handle their own shipment.

For Inquiry contact us at Sales-Inquiry@universal-filtration.com

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For Inquiry contact us at Sales-Inquiry@universal-filtration.com

Asia Pacific Regional Office Universal Filtration Solutions Asia Pte Ltd 81 Ubi Ave 4, UB-ONE #06-28 Singapore 408830

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