



T-Series Vacuum Pump Filters

Models: VFT0008 to VFT0025

Flow Rates 5 CFM (8 m³/hr) to 15 CFM (25 m³/hr)

Our T-Series vacuum pump filter range includes a selection of externally mounted vacuum filters designed to remove contaminants from the vacuum system.

Connected to the vacuum pump intake and exhaust, T-Series filters are designed to both protect the vacuum pump from, and to remove oil mists, aerosols, particulates, condensates and fluids discharged from the vacuum pump exhaust.



Modular Filter

Supplied with removable KF flanges



Simplified Service

Profiled bowl design enables full user serviceability and rapid element change out



OEM Branding Solutions

Customisation options available to maintain brand consistency and capture aftermarket revenue



- **Leak Tight** $\geq 1 \times 10^{-5}$ mbar l/s when tested with helium
- **Performance Guaranteed** Meets air purity classification 4 as per ISO 8573-1 and has a separation efficiency of >99% oil mist
- **Flexible Installation** Filters can be connected, depending on the filtration requirement, to either the intake or the exhaust side of the vacuum pump
- **International Connections** ISO KF (DIN 28403 & ISO 2861) and G (ISO 7-1) threaded ports supplied as standard
- **Internal Pressure Valve** Internal pressure relief bypass valve is incorporated in the product design to avoid a blocked filter creating overpressure
- **Visual Monitoring** Transparent polyamide bowl design allows for quick and easy visual inspection of filter element condition or levels of intercepted liquid in the filter bowl
- **Product Safety in Mind** Rotational safety stop and lock indication arrows guarantee safe housing closure
- **Filter Draining** Easy emptying of liquids in bowl via drain screw at base of filter



For further information please call: **+44 (0) 191 417 7816**

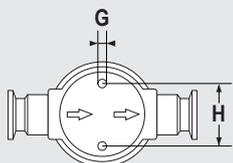
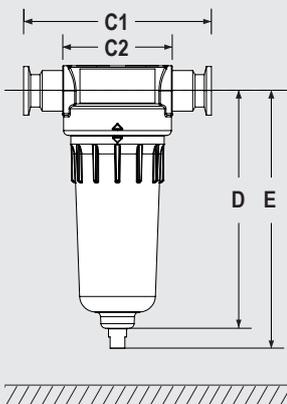
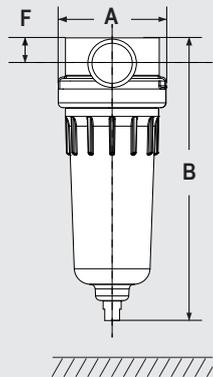
Technical Specification

Filter model	Pipe size		Flow Rate		Dimensions mm								Weight Kg	Element model	
	ISO KF	Threaded	m ³ /hr	CFM	A	B	C1	C2	D	E	F	G			H
VFT0008	16	½"	8	5	66	174	115	67	147	159	16	M6	38	0.24	VET0008*
VFT0010	25	1"	10	6	101	233	136	90	198	210	23	M10	64	0.53	VET0010*
VFT0016	25	1"	16	10	116	248	164	104	206	218	30	M10	80	0.67	VET0016
VFT0025	25	1"	25	15	116	303	166	104	262	273	30	M10	80	0.76	VET0025

*Element models VET0008 & VET0010 supplied in packs of 5. VET0016 & VET0025 models sold individually

Maximum Working Pressure	0.5 barg	7 psig
Maximum Vacuum	Full Vacuum	
Maximum temperature	90°C	194°F
ΔP *** - Clean & Dry	100 mbar	
ΔP *** - Saturated	300 mbar	
Helium Standard Leak Rate	< 1 x 10 ⁻⁵ mbar x l/s	
Construction Materials	Polyamide 6 Borosilicate Glass Microfibre Viton® (Seals)	

***Measured at operating full flow at a pressure of 1000 mbar(a)



Filtration	Oil Mist (Aerosols)	Particles
Filter Flow Direction	Normal	Reverse
Efficiency	>99% challenge rate 1500mg/m ³ ISO 8573-1:2010 Class 4	99.99% @ 0.3 micron
Over Pressure Valve Opening	0.5 bar (+/-0.1)	
Filter Replacement	Variable based on service conditions or 12 months (whichever is sooner)	

Technical Notes

1. Threaded connections to ISO 7-1:1994.
2. Filters elements should be changed annually or when required based on operational service conditions, whichever is sooner.
3. Transparent filter bowl allows for visual inspection of element condition.
4. Filters are not suitable for toxic or aggressive gasses. For such applications please contact Walker Filtration.
5. Mounting optional using tapped parts on top of filter head (dim G & H). Bracket not supplied by WFL.



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