

Flowrite "TB" Series Tank breather filters

FLOWRITE



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Flowrite “TB” Series Tank breather filters are fabricated from 304-Stainless Steel. They are designed for a maximum operating pressure of 100 kPa at 80°C, depending on cartridges fitted. The “TB” Series housings feature Flowrite’s well proven centre post and nut design.

Cartridges are located by their own end seals and a securing plate to which is attached a perforated stainless-steel shield which allows free passage for the entering and exiting air during tank emptying and filling cycles. The cartridges are double open ended with its own gaskets which adequately seals between cartridges and housing, thus eliminating any possibility of bypass. The practical and sturdy design of these housings allows quick and convenient cartridge change out of the 9¾” modular length filter cartridges.

Flowrite “TB” Series filter housings are available in one, two, three & four cartridge configurations to minimize pressure drop, and thus protect the tank from differential pressures while emptying or filling. The inlet port can be threaded or flanged to your specifications, and the unit is supplied in electro polished finish suitable for most semi- and non-sanitary applications. The housing should be used in conjunction with hydrophobic cartridges, *or pending application with carbon filters cartridges at 5 micron only*, with a micron rating to your specification, which are also available from Flowrite filters.

FEATURES & BENEFITS

Electro-Polished, Stainless Steel Construction

Suitable for most semi- & non-sanitary applications

Centre Post & Nut Design

Quick, easy and convenient access to the filter cartridges

Integral Locators & Double “O” Rings

Positive cartridge location and sealing eliminates bypass

Easy Mounting

Flanged or threaded bottom inlet makes for direct, convenient, tank-top mounting

2-Piece Construction

Easy to clean and versatile design

Flowrite “TB” Tank Breather filters are custom designed and made to order. Thus, when ordering or enquiring, please specify:

- The tank volume
- The liquid contained in the tank
- The inflow and outflow rates
- The operating temperature
- The degree of filtration required
- Suitable materials of construction

Flow Rate In or Out of the Tank (m3/h)	No Cartridges Needed	Housing Type Needed	Housing Connection Diameter (mm)	Clean-Cartridge Pressure Drop at Stated Flow (mb)
0 - 12	1	1TBF1	80	<30
13-20	2	1TBF2	80	<30
21-40	3	1TBF3	80	<30
41-60	4	1TBF4	100	<30
61-80	5	1TBF5	125	<30
81-95	6	1TBF6	150	<30
>95	Request Quote			