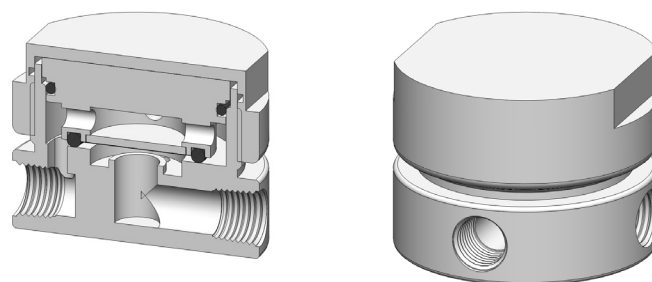


Materials	PTFE
Pressure	100 psi
Ports	1/8" or 1/4"
Membrane	MT.33.□

FM101 membrane housings use a porous PTFE membrane, which is supported by a sintered porous PTFE disc on the outlet side. Any liquid in the gas sample will flow to the drain port. This port can also be used as a bypass function for the main flow.

The housing design allows a quick change of the membrane as all the line connections are arranged in the body of the housing and the threaded cap means no tools are required for access.

Standard housings have NPT ports and include Viton seals. Other seal types are available as an option. BSPT and BSPP port types are also available.



Technical Specifications

Housing Model	FM101.111	FM101.221
Port Size	1/8" NPT	1/4" NPT
Drain & Bypass Ports	1/8" NPT	1/4" NPT
Maximum Pressure, psi	100	100
Maximum Temperature, °F (1)	300	300
Materials of Construction (2)		
Head, Bowl & Internals	PTFE	316L SS
Seals (3)	Viton	Viton
Membrane Code (4)	MT.33.□	MT.33.□
Principle Dimensions in inches		
Diameter	2.50	2.50
Height	1.85	1.85
Volume, cc	10	10
Weight, lbs	0.65	0.65
Accessories		
Mounting Bracket	MBSM106	MBSM106

Notes

- (1) Maximum temperature of 300°F is due to the PTFE membrane
- (2) Material abbreviations, PTFE = Polytetrafluoroethylene
- (3) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. FM101.221.T)
- (4) Replace the □ with the membrane grade required, e.g. MT.33.M2



Contact Us

Classic Filters Ltd.
Sextant Park
Neptune Close
Rochester
Kent
England
ME2 4LU

T +44 (0)1634 724224
F +44 (0)1634 724234
E info@classicfilters.com
W www.classicfilters.com

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<http://www.linkedin.com/company/classic-filters-ltd.>



<http://www.twitter.com/classicfilters>