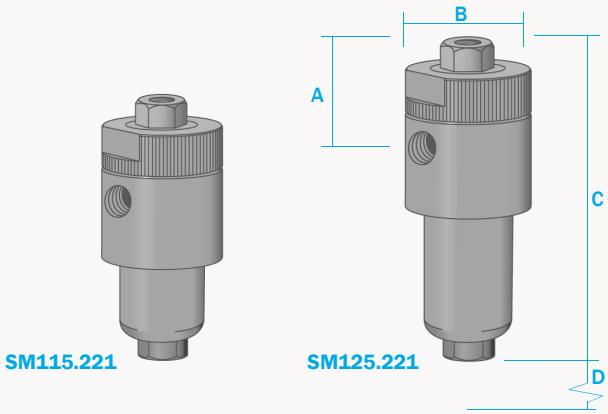
SM115 & SM125 Series Housings

316L Stainless Steel
Pressure, 100 Bar
Ports, 1/4"
Element, 12.32.□ & 12.57.□
Membrane, MT.33.□



The SM115 & SM125 combination housings have both a coalescing filter element and a PTFE membrane in a single unit. The porous PTFE membrane is supported by a sintered porous stainless steel disc on the outlet side. The wet sample gas enters though the inlet port and though the coalescing element to remove the bulk of the liquid and then to the membrane. Because the membrane will only allow molecules of gas or vapour to pass through to the outlet all remaining liquid is stopped. Any liquid in the sample will flow to the drain port. This port can also be used as a bypass function for the main flow. Two grades of PTFE membrane are available and more information can be found in the data sheets CF/1.2/051 and CF/1.2/052.

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

The housings are free from welds and comply with NACE MR-01-75.

Principal Specifications

Housing Model	SM115.221	SM125.221
Port Size - NPT	1/4"	1/4"
Drain - NPT	1/4"	1/4"
Maximum Pressure - Bar	100	100
Maximum Temperature - °C	100	100
Materials of Construction (1)		
Head, Bowl & Internals	316L	316L
Gaskets	Viton	Viton
Principal Dimensions		
A - mm	40	40
B - mm	50	50
C - mm	105	130
D - mm	45	65
Volume - cc	25	30
Weight - kg	0.7	0.8
Accessories		
Standard Gasket Set	GVSM125	GVSM125
PTFE Gasket Set	GTSM125	GTSM125
Kalrez Gasket Set	GKSM125	GKSM125
Nitrile Gasket Set	GNSM125	GNSM125
EPDM Gasket Set	GESM125	GESM125
Membrane Code (2)	MT.33.□	MT.33.□
Element Code (3)	12.32.□	12.57.□

Notes (1) Material abbreviations - 316L = 316L Stainless Steel, PTFE = Polytetrafluoroethene, EPDM = Ethylene-Propylene
(2) Replace the □ with the grade required, e.g. MT.33.M1 or MT.33.M2
(3) Replace the □ with the grade required, e.g. 12.32.5CK or 12.57.5CK