

TECHNICAL INSTALLATION SHEET FOR MEMBRANE HOUSINGS

Warning

A filter housing is a pressure vessel, it must never be used above its stated maximum allowable working pressure and must be used within its stated temperature range. Ensure that these items are used in well-designed piping systems with suitable indicators to warn users and servicing personnel of the presence of pressure and high temperatures, wherever possible use pressure-limiting devices.

It is the responsibility of the user to ensure that the materials of construction of the filter housing, gasket and filter media are suitable for the intended application. During every servicing, a visual inspection must be made of the surfaces of the housing for signs of corrosion, erosion or general wear. The housing must be removed from service if any of these signs are evident as there are no corrosion allowances used in the design of these filters. It is recommended that these filters be used on unstable fluids.

Warranty

United Filtration Systems Inc. warrants their products against defects in material and workmanship for a period of one year from the date of purchase, providing use was in accordance with our recommendations. If product fails to perform as warranted, UFS will replace the product free of charges. The company will not be liable for incidental or consequential damages, labor charges, delays, or any other charges. We make no other warranty, expressed or implied.

Installing the Filter Housing

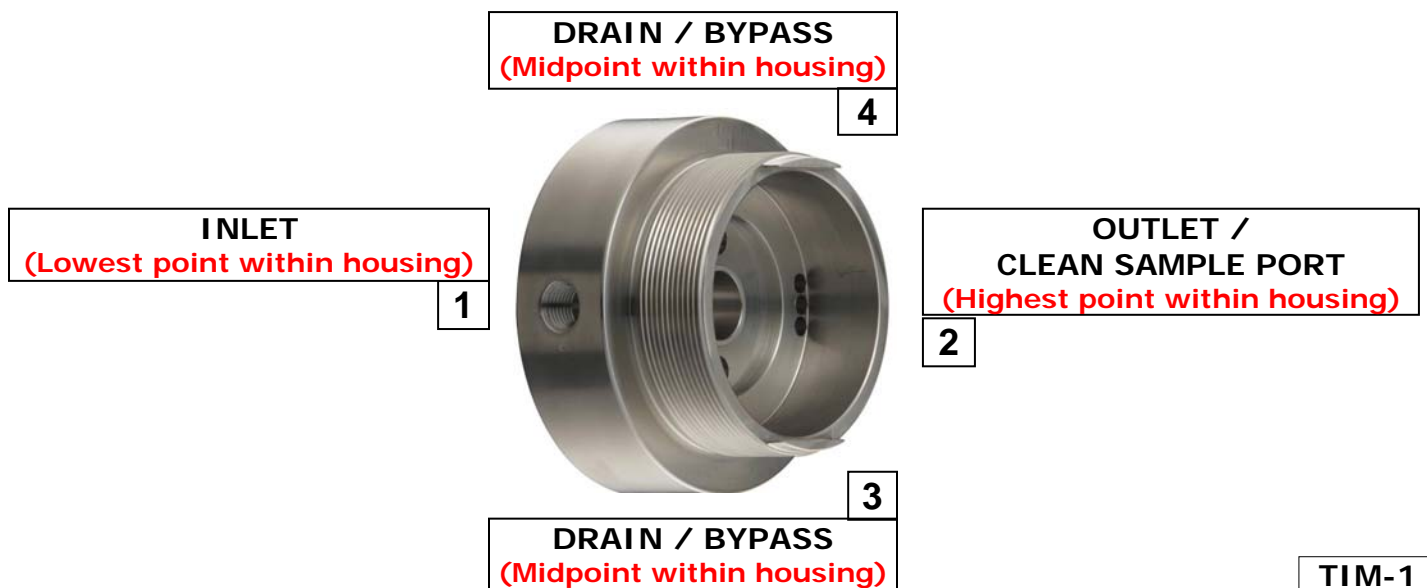
As the filter housing is a pressure vessel the system connections and accessory outlets must be leak tight. It is normally good practice to use a pipe sealant on the fittings prior to connecting to the filter housing ports. This will allow disassembly at a later time, if required. Any sealant such as PTFE tape, paste or other compound may be used if compatible with the filtered media. The torque value of the fittings will depend upon the quality of the fittings and the type of sealant used but should typically be between 40Nm and 75Nm. Ensure the fittings get inspected during servicing and re-tightened if necessary. It is not recommended that heads and bowls from different filter assemblies are swapped.

All SM105 and SM205 Membranes

- Viton O-Rings (Standard)
- 1500 PSIG
- 316 Stainless Steel
- Four Port Design
- Inlet Port (Stamped 1)
- Outlet / Clean Sample (Stamped 2)
- Drain / Bypass (Stamped 3 and 4)
- Mounting Bracket Included

Comes Complete With Low or High Flow Membrane Installed

Notes: SM105.221 accepts MT.33.M1 (Low Flow) or MT.33.M2 (High Flow)
SM205.221 accepts MT.61.M1 (Low Flow) or MT.61.M2 (High Flow)



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TIM-1



Partner of
Headline Filters

TECHNICAL INSTALLATION SHEET FOR MEMBRANE HOUSINGS

All SM125 and SM225 Membranes

- Viton O-Rings (Standard)
- 1500 PSIG
- 316 Stainless Steel
- Four Port Design
- Inlet Port (Stamped 1)
- Outlet / Clean Sample (Top)
- Bypass (180° From Inlet Port)
- Drain (Bottom Of Bowl)

Comes Complete With Low or High Flow Membrane Installed

Model SM125.221 Comes with a 12-57-50C Coalescing Pre-filter Installed

Model SM225.221 Comes with a 25-64-50C Coalescing Pre-filter Installed

Notes: SM125.221 accepts MT.33.M1 (Low Flow) or MT.33.M2 (High Flow)

SM225.221 accepts MT.61.M1 (Low Flow) or MT.61.M2 (High Flow)

Outlet / Clean Sample

INLET
(Stamped 1)



BYPASS
(180° from Inlet Port)

DRAIN



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