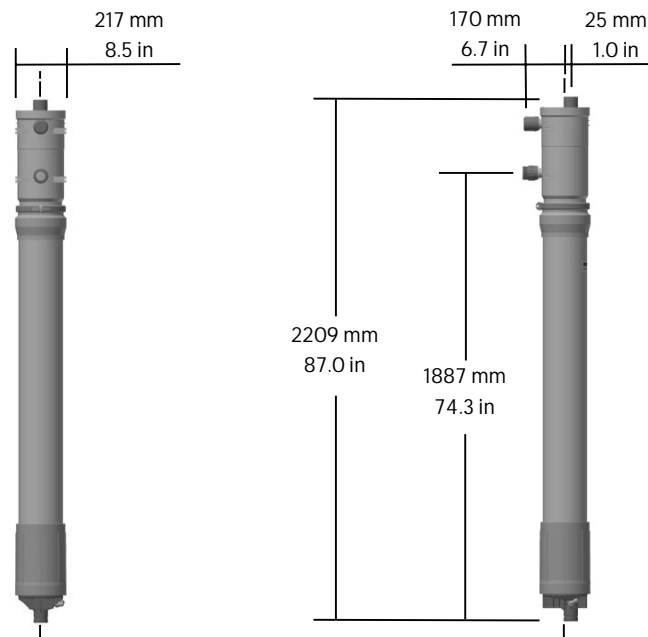
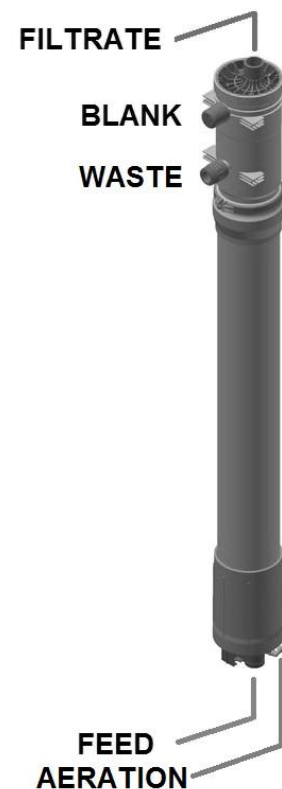


MEMCOR® AM L40 MEMBRANE FILTRATION MODULE HOUSING SPECIFICATION

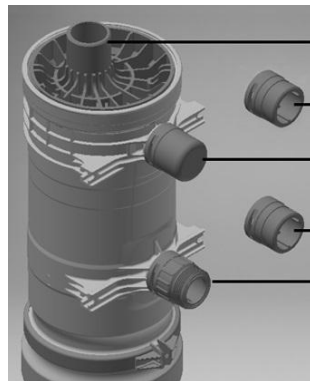
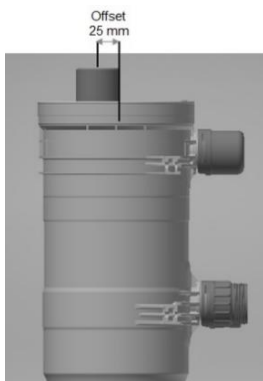


AM L40 MODULE HOUSING ASSEMBLY DETAILS

Parameter	Details
Module Operating Process	Pressurized Ultrafiltration
Membrane Module Type	MEMCOR® L40 Hollow Fiber Membrane Filtration Modules (refer to separate specification sheets) ^{Note i}
Filtration Flow Direction	Outside to Inside
Backwash Type	Air Scour with Liquid Backwash
Materials of Construction	Glass Filled Nylon Mouldings ABS Centre Tube
Fasteners and Clamps Material	SS316 standard
Other Wetted Module Housing Components	EPDM O-Rings
Nominal Module Housing Length (Overall)	2209 mm / 87.0 in
Nominal Centre Tube Outside Diameter	217 mm / 8.5 in
Aeration Air Inlet Connection	½" OD spigot for push-in pneumatic elbow
Approximate Module Housing Assembly Mass	36 kg / 80 lb (With Module fitted)



HOUSING CONNECTION POINT ADAPTER OPTIONS



End Filtrate Options:

To suit 2" slip coupling OR 2" groove coupling
OR No connection

Side Filtrate Options:

To suit 2" groove coupling

OR

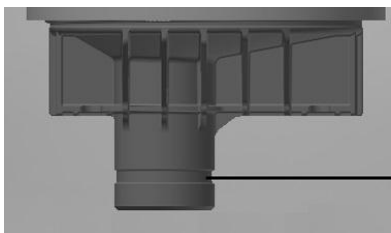
Plug (Blank)

Waste Options:

To suit 2" groove coupling

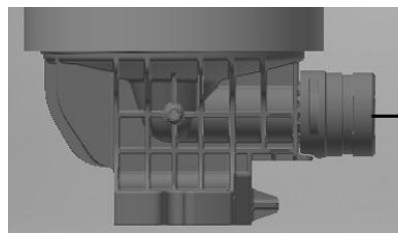
OR

1½" threaded union end



End Feed Options:

To suit 2" groove coupling
OR 2" slip coupling



Side Feed Option:

To suit 2" groove coupling

AM L40 MODULE HOUSING OPERATING SPECIFICATIONS

Parameter	Details
Temperature Range for Transportation and Storage (Empty Housings Only)	> 0 to 50 °C / > 32 to 122 °F ^{Note i} (Must not be exposed to freezing conditions)
Temperature Range for Transportation and Storage (with Membrane Modules Fitted) ^{Note i}	Preferred range 5 to 25 °C / 41 to 77 °F Allowable range > 0 to 40 °C / > 32 to 104 °F (Shipment/storage in a temperature controlled container (or reefer) at 20 °C / 68 °F recommended where temperature extremes may be encountered). Modules must not be exposed to freezing conditions and must remain moist at all times.
Maximum Operating Pressure	500 kPa ≤ 30 °C / 75 psi ≤ 86 °F De-rated linearly to 400 kPa / 60 psi at 40 °C / 104 °F
Hydrostatic Test Pressure	750 kPa ≤ 30 °C / 110 psi ≤ 86 °F
Potable Water Approval ^{Note ii}	NSF/ANSI 61 Drinking Water System Components – Health Effects
Protection from ultraviolet (UV) radiation	Module Housing Assemblies should not be exposed to ultraviolet radiation (direct sunlight) during storage or operation.

Notes:

- When membrane filtration modules are fitted the transport, storage and operating limits of the membranes determine allowable limits of exposure. Please refer to Module specification sheets for further details.
- NSF refers to NSF International formerly known as the National Sanitation Foundation. ANSI is a trademark of the American National Standards Institute.



Evoqua Water Technologies

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