

Membrane Pressure Vessels FRP Specifications



Models & Specifications:



4" Membrane Housing

Features:

- Internal diameter is mirror finished to a tolerance of +/-0.02mm which facilitates easy loading and unloading of the membranes
- External surfaces are highly polished and coated with high-gloss polyurethane paints for UV resistance and excellent aesthetics
- End Cap assembly comprises of a single piece moulded seal plate and a 2 turn stainless steel locking ring. Enables removal of end cap without any special tools
- 0.5" BSP feed port and permeate port (NPT thread provided on request)
- Universal adaptation to all standard 4" membrane elements
- 4" membrane housings are available from 1 element to 6 elements with pressure ratings of 250 psi, 400 psi, 600 psi, 1000 psi and 1200 psi
- All models are supplied with saddle and SS straps

Sr. No.	Particulars	Output
1	Model No.	QT-4040-F-EP
2	Material of Construction	FRP
3	Retaining Rings	FRP
4	Feed Concentrate Port Size	1/2"
5	Permeate Port Size	1/2"
6	Operating Pressure	250 PSI
7	Element Length	1- 6

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8" Membrane Housing

Features:

- Available in End Port and Side Port configurations
- Internal diameter is mirror finished to a tolerance of +/-0.02 mm which facilitates easy loading and unloading of membranes
- External surfaces are highly polished and coated with high-gloss polyurethane paints for UV resistance and excellent aesthetics
- End cap assembly comprises of a single piece moulded seal plate, a unique high quality seal ring, heavy duty aluminium bearing plate and a 3 turn stainless steel locking ring. The unique design of the end cap assembly facilitates easy removal and insertion of the end cap without any special tools. Our membrane housings offer the most user-friendly end cap system
- Permeate Port comprises a standard 1" half union. Other options of 1 1/2 BSP (M) threads and 1" BSP (F) threads are also available. (NPT threads provided on request)
- 8" membrane housings are available from 1 to 6 elements with pressure ratings of 250 psi, 400 psi, 600 psi, 1000 psi, 1200 psi
- All models are supplied with saddle and SS straps
- Victolic couplings available on request

Sr. No.	Particulars	
1	Model No.	QT-4080-F-EP
2	Material of Construction	FRP
3	Retaining Rings	FRP
4	Feed Concentrate Port Size	1 1/2"
5	Permeate Port Size	1"
6	Operating Pressure	250 PSI
7	Element Length	1- 3

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End Connectors & End Caps



- MOC of End Connectors is made of Nylon.
- Nylon End Caps in 4" & 8" housing.
- With Double "O" rings leakage proof. (leakage arrest)
- "O" Rings is made of neoprene rubber.
- End plates are made of SS 304.
- End screws are made of SS 304 Allen Key type.
- Saddles and strips are also available on request.