

ISO:9001

Membrane Pressure Vessel

Features

- ▶ Smooth inner surface finishing for easy loading & unloading of membrane elements
- ▶ End port and side port options available
- ▶ Different sizes of side port connection are available in side port vessels
- ▶ Outer polyurethane paint for UV resistance
- ▶ Head seal area is formed on the mandrel surface, therefore more accurate
- ▶ The head seal is captured and does not roll during installation of head assembly
- ▶ Down-stream conical shape thrust cone improves water flow pattern and allows installation of head assembly in any angle
- ▶ ISO 9001: 2000 certification
- ▶ 100% hydro test at 1.5X operating pressure
- ▶ Burst pressure 4X

8" Membrane Pressure Vessels

Technical specifications

Specification applicable for End Port and Side Port

Available pressure rating (psi)	250/300/450/600/1000/1200	
Length (no. of elements)	1 to 7	
Shell Material	FRP	
Shell Colour	White	
Feed/ reject Port		
Size	1.5" (End Port)	1.5"/2.0"/ 2.5" (Side Port)
Connection	Groove	
Material	SS316 (duplex SS for 1000psi and above)	
Permeate Port		
Size	1"	
Connection	Female NPT/ BSP	
Material	ABS	
Head assembly	Retainer lock bars, cast aluminum bearing plates, ABS seal plate and lock nut, head seal, permeate port o-ring	
Adaptor	Standard 0.125" OD adaptor is included	
Straps & saddles	Depending on length	
Max. Operating Temp	50° C (122° F)	

Note- All specifications mentioned above are subject to change without prior notice.

Features

- ▶ Smooth inner surface finishing for easy loading & unloading of membrane elements
- ▶ End port and side port options available
- ▶ Different sizes of side port connection are available in side port vessels
- ▶ Outer polyurethane paint for UV resistance
- ▶ Single head assembly to cut down spare part
- ▶ ISO 9001 : 2000 certification
- ▶ 100% hydro test at 1.5X operating pressure
- ▶ Burst pressure 4X

4" Membrane Pressure Vessels

Technical specifications

Speciafication applicable for End Port and Side Port

Available pressure rating (psi)	250/300/450/1000	
Length (no. of elements)	1 to 4	
Shell Material	FRP	
Shell Colour	White	
Feed/ reject Port		
Size	0.5" / 0.75" (End Port)	0.5"/0.75"/1" (Side Port)
Connection	Female NPT/ BSP (End Port)	Groove (Side Port)
Material	ABS (End Port)	S304 (SS 316 for 1000 psi) (Side Port)
Permeate Port		
Size	0.5"	
Connection	Female NPT/ BSP	
Material	ABS Standard (Stainless steel option)	
Head assembly	Head assembly consists of half moon plates, ABS seal plate & lock nut, Head seal, permeate port O- ring	
Adaptor	0.75 OD standard adaptor is provided for side entry vessel	
Straps & saddles	Depending on length	
Packaging	PVC plastic wrapping with carton outer pack	
Max. Operating Temp	50° C (122° F)	

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Applications

The 4" & 8" ROH pressure vessel is specially designed for membrane separation applications such as pure water production, wastewater treatment, water recycling and sea water desalination.



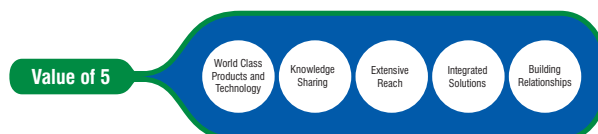
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Version: AC01/03/14