

Membrane Pressure Vessels for Reverse Osmosis Systems

Features - 4" Pressure Membrane Vessels

- ▶ Simple configuration
- ▶ High strength, smooth inner surface and durable FRP shell
- ▶ Polyurethane outer coating provides extra protection from environment
- ▶ Insert plastic permeate port material
- ▶ SS 316 head locking baffle for simple and safe assembly for 300 and 450 psi tubes, three turns locking ring design for 1000 psi tubes



Features - 8" Pressure Membrane Vessel

- ▶ Credible simple configuration
- ▶ High strength and durable FRP shell
- ▶ Polyurethane outer coating provides extra protection from environment
- ▶ ABS permeate adaptor
- ▶ Insert plastic permeate port material
- ▶ SS 316 three turn spiral lock ring for easy head assembly
- ▶ One piece molded lock thrust cone design reduces pressure drop with highest water flow

Technical specifications


Wave Cyber ISO:9001
NSF

4" Membrane Pressure Vessels

Available pressure ratings (psi)		300, 450, 1000
Shell Material		FRP
Length (No. of. Elements)		1 to 6
Side Port Type	Feed/ Concentrate Port Connection	1" SS316 mechanical coupling for 300 and 450 psi tubes 1" duplex SS mechanical coupling for 1000 psi tubes
	Permeate Port Connection	1 / 2" NPT/ BSP
End Port Type	Feed/ Concentrate Port Connection	3/4" or 1/2" FNPT or BSPPVC for 300 and 450 psi tubes 3/4" MNPT duplex steel for 1000 psi tubes
	Permeate Port Connection	1 / 2" NPT/ BSP

8" Membrane Pressure Vessels

Available pressure ratings (psi)		150, 300, 450, 600, 1000, 1200
Shell Material		FRP
Length (No. of. Elements)		1 to 8
Side Port Type	Feed/ Concentrate Port Connection	1.5" (Standard), 2" MC and 2.5" MC, 3" MC 2 side ports are offered
	Permeate Port Connection	1 / 2" NPT/ BSP
End Port Type	Feed/ Concentrate Port Connection	3/4" or 1/2" FNPT or BSPPVC for 300 and 450 psi tubes 3/4" MNPT duplex steel for 1000 psi tubes
	Permeate Port Connection	1 / 2" NPT/ BSP