



Wave Cyber state-of-art membrane pressure vessels are manufactured by computer-controlled filament winding machine and associated high performance processing equipments. Based on the high speed and precision manufacturing process provided by these machines and skillful technical personnel, a range of quality products are made. Wave Cyber can meet the increasing demand for high quality membrane pressure vessels through in house quality assurance program. Customers are now save time and maintenance costs as well as faster membrane

Design features

- Credible simple configuration
- Decrease 30% parts
- feed port, both end port and side port
- 0.5" NPT permeate port
- highly polished inner surface for easy membrane load and unload
- Universal adaptation to all standard 4" membrane elements
- highly polished outer surface appearance
- Safety bolt
- half moon locking device

Quality Assurance

Wave Cyber has committed to provide most reliable and quality assurance and best customer service. All Wave Cyber membrane pressure vessel products are designed to a staggering 100,000 cycles and qualified test to six times of its rated operating pressure.

Wave Cyber builds most safe and durable membrane pressure vessels to meet customers' requirements. All of our employees embrace our quality system standards and are active participants in our continual improvement program. We continue to strive for perfection.

SIZE

Pressure	Element length	port orientation
300 psi	14"	end port
	21"	end port
	1 - 6 elements	end port
	1 - 6 elements	side port
450 psi	1 - 6 elements	end port
	1 - 6 elements	side port
1000 psi	1 - 6 elements	end port
	1 - 6 elements	side port

SPECIFICATION

End Port Vessel

- FRP shell, PVC permeate head assembly, SS304 head locking plate for 300 psi Vessel ,
- Retaining ring locking mechanism and bearing plate for 1000 psi vessels
- Permeate Port: 0.5" NPT/BSP
- Feed/Conc Port: 300 psi - 0.5" or 0.75" NPT/BSP
1000 psi - 1" Mechanical Coupling groove, Duplex SS
- C/W strap and saddle
- Color: White

Side Port

- FRP shell, PVC permeate head assembly, SS304 head locking plate for 300 and 450 psi, retaining ring locking mechanism and bearing plate for 1000 psi vessels.
- Permeate Port: 0.5" NPT/BSP
- Feed/Conc Port: 1" Mechanical Coupling groove, 300-450 psi - SS 316L;
1" Mechanical Coupling groove, Duplex SS 1000 psi
- C/W strap and saddle
- Color: White