



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
- Down stream thrust core fixed membrane elements into place.
- Unique 1.25" union end permeate port design
- More reliable side port design
- Safety bolt
- Heavy duty Aluminium bearing plate design to ASME requirement.
- Three turns retaining lock ring and reliable stainless steel reinforced retaining groove assure durable operation.

### **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 information

### Pressure rating:

Side port vessels (PSI): 150,300,450,600, 1000 and 1200

End Port vessels (PSI): 250,300,400,600, 1000 and 1200

### Length available:

1, 1.5, 2, 3, 4, 4.5, 5, 6, 7, 7.5 Elements

## Specification

- FRP shell
- Head assembly includes PP+30%GF permeate head assembly, SS304 3-turn retaining ring, thrust cone (down stream)
- Permeate Port: 1" PVC union as standard, other options 1" NPT, 1.25" MPT and 1.5" mechanical coupling are available.
- Feed/Conc Port material: SS 316L for 150 psi to 600 psi as standard and Duplex SS for 1000psi and 1200 psi
- Feed/Conc port size: , 1.5" Victualic is standard, other side 2.0" and 2.5" are available on request
- C/W strap and saddle
- Color: White as standard, other colors are available on request.

## FOR MORE INFORMATION PLEASE CONTACT

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WAVE CYBER (Shanghai) Co., LTD.

2 SongChun Road, SongZe Industrial Zone, Shanghai New city, Qingpu District, Shanghai 201703 China

Tel: 86-21-6975-8588

Fax: 86-21-6975-8288

Web site: [webmaster@wave-cyber.com](mailto:webmaster@wave-cyber.com)