

Why WTC pressure tanks?

- Higher Testing Standards and Requirements.
- More safer and high quality material: Food Grade, HDPE Liner.
- More Choice: over 120 sizes from 0517 to 6386.
- More Packing methods: single box, large box and pallet packing.
- Longer Warranty: 10 years for residential tanks and 5 years for commercial and industrial tanks.
- Lower Price and Faster delivery time.

Specification

| | |
|--------------------------|--------------------|
| Operation Pressure | 150 psi (10.5 Bar) |
| Operation Temperature | 1-50°C (34-122°F) |
| Max Vacuum | 140 mm Hg |
| Mini exposed Temperature | -30°C (-22°F) |

- Pressure tanks are made of high performance Composite material with Fiber glass filament winding.
- All pressure tanks are 100% rustproof and corrosion resistant.
- All thread inlet made from 30% glass filled PP provides higher strength, temperature and pressure limits.
- Water contact parts are made by Food-Grade materials.

The most modern production line in the world

Fully Automatic



| Code | Product | Volume | Vessel height (A) | Cylindrical height (B) | External diameter (D) |
|------------|--|--------|-------------------|------------------------|-----------------------|
| 817 wo/b | Pressure vessel, top thread 2 1/2", without base | 10.5 | / | 307.1 | 207 |
| 835 | Pressure vessel, top thread 2 1/2", with base | 23.6 | 897 | 891 | 207 |
| 844 | Pressure vessel, top thread 2 1/2", with base | 31.3 | 1122 | 1118 | 207 |
| 935 wo/b | Pressure vessel, top thread 2 1/2", without base | 31.6 | / | 745.4 | 233 |
| 1017 wo/b | Pressure vessel, top thread 2 1/2", without base | 17 | / | 432 | 259 |
| 1035 | Pressure vessel, top thread 2 1/2", with base | 38.3 | 893 | 891 | 259 |
| 1035 wo/b | Pressure vessel, top thread 2 1/2", without base | 38.3 | / | 891 | 259 |
| 1044 | Pressure vessel, top thread 2 1/2", with base | 48.8 | 1121 | 1118 | 259 |
| 1047 | Pressure vessel, top thread 2 1/2", with base | 53.2 | 1198 | 1195 | 259 |
| 1054 | Pressure vessel, top thread 2 1/2", with base | 61 | 1381 | 1226 | 259 |
| 1248 | Pressure vessel, top thread 2 1/2", with base | 78.54 | 1233 | 1121.7 | 307 |
| 1252 | Pressure vessel, top thread 2 1/2", with base | 84.7 | 1338 | 1126.7 | 307 |
| 1354 | Pressure vessel, top thread 2 1/2", with base | 105.7 | 1398 | 1194.0 | 335 |
| 1465 | Pressure vessel, top thread 4", with base | 148 | 1674 | 1398.0 | 366 |
| 1665 | Pressure vessel, top thread 4", with base | 188.6 | 1705 | 1393.25 | 413 |
| 1865-4" | Pressure vessel, top thread 4", with base | 257 | 1722 | 1315 | 495 |
| 1865-4"-4" | Pressure vessel, Top-Bottom 4-4", tripod | 257 | 2027 | 1314.57 | 495 |
| 2162-4" | Pressure vessel, top 4", with base | 330 | 1721 | 1314 | 559 |
| 2162-4"-4" | Pressure vessel, Top-Bottom 4-4", tripod | 330 | 2064 | 1314 | 559 |
| 2472-4" | Pressure vessel, top 4", with base | 494 | 1918 | 1482.5 | 618 |
| 2472-4"-4" | Pressure vessel, Top-Bottom 4-4", tripod | 494 | 2168 | 1516.37 | 618 |
| 3072-4"-4" | Pressure vessel, Top-Bottom 4-4", tripod | 728 | 2140 | 1292 | 780 |
| 3672-4"-4" | Pressure vessel, Top-Bottom 4-4", tripod | 1020 | 2150 | 1397 | 930 |
| 4272-6"-6" | Pressure vessel, Top-Bottom flange 6"-6", tripod | 1580 | 2400 | 1111.0 | 1110 |
| 4872-6"-6" | Pressure vessel, Top-Bottom flange 6"-6", tripod | 1918 | 2400 | 1004.5 | 1230 |
| 6367-6"-6" | Pressure vessel, Top-Bottom flange 6"-6", tripod | 2248 | 2025 | 557.0 | 1598 |
| 6386-6"-6" | Pressure vessel, Top-Bottom flange 6"-6", tripod | 3092 | 2465 | 1002.0 | 1598 |

Benefits of WTC RO Vessels

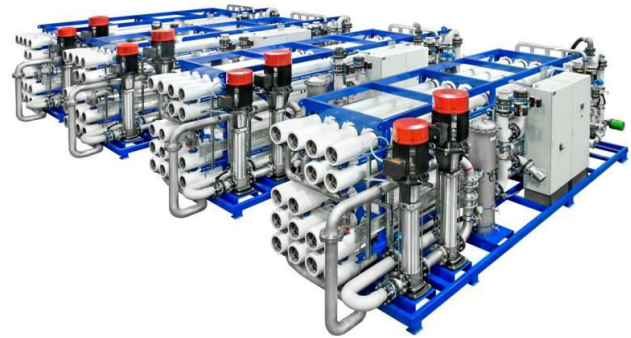
- New original innovative design of end-caps
- Extra layers of composite provide the additional protection against hydraulic shock
- Before the shipment each vessel is tested 3-times bigger pressure then nominal
- All product components are made exclusively of high-quality materials from the leading European suppliers
- Any color of pressure vessel on clients' demand



Delivery

- The **shortest shipment time in Europe of Side-port vessels** - any type of side-port vessels within 5 working days from order date
- **Constant availability on stock** all main types - 2.5", 4" up to 3 elements and 8" end-port vessels up to 6 elements.
- Possibility to make **shipments of RO vessels together with other products**, which are in warehouse of UAB Chemsys

| RO | 80 | 5 | S | 300 | W |
|----------------------------------|----|---|---|------|---|
| Membrane diameter | | | | | |
| 2.5" | 25 | | | | |
| 4" | 40 | | | | |
| 8" | 80 | | | | |
| Number of membranes (40") | | | | | |
| 1 | | 1 | | | |
| 2 | | 2 | | | |
| 3 | | 3 | | | |
| 4 | | 4 | | | |
| 5 | | 5 | | | |
| 6 | | 6 | | | |
| 7 | | 7 | | | |
| 8 | | 8 | | | |
| Type of connection | | | | | |
| Side port | | | S | | |
| End port | | | E | | |
| Design pressure, PSI | | | | | |
| 250 | | | | 250 | |
| 300 | | | | 300 | |
| 400 | | | | 400 | |
| 600 | | | | 600 | |
| 1000 | | | | 1000 | |
| 1200 | | | | 1200 | |
| Color | | | | | |
| Blue | | | | | B |
| White | | | | | W |



Coding of WTC RO Vessel models

Each WTC pressure vessel has its coding.

For example: RO805S300W means that this is a vessel with the side-port connection, of 8" diameter, consisting of 5 membranes, operating pressure – 300 PSI, color is white.