

Technical Parameters of Ansuda (microbulk portable tanks)

| Geometric Volume | Work Pressure (MPa) | Liquid Gases Weight (kg) | | | | | Tare Weight (kg) | Inner vessel | Outer vessel | Evaporator (N.m ³ /h) | Overall Dimensions (mm) |
|--------------------|---------------------|--------------------------|------|-------|------|------|------------------|--------------|--------------|----------------------------------|-------------------------|
| | | LO2 | LN2 | LAr | LNG | LCO2 | | | | | |
| 3 m ³ | 0.8 | 3237 | 2300 | 4004 | 1209 | / | 1876 | S30408 | Q345R | 80 | 3079*2139*1950 |
| | 1.6 | | | | | / | | | | | |
| | 2.1 | | | | | 3167 | | | | | |
| 4.8 m ³ | 0.8 | 5198 | 3693 | 6429 | 1943 | / | 2862 | S30408 | Q345R | 80 | 3076*2200*2377 |
| | 1.6 | | | | | / | | | | | |
| | 2.1 | | | | | 5085 | | | | | |
| 7.5 m ³ | 0.8 | 8105 | 5759 | 10025 | / | / | 4029 | S30408 | Q345R | 100 | 3170*2715*2450 |
| | 1.6 | | | | / | | | | | | |

Note: The above technical parameters may be changed without prior notice due to modification and development. If there is any change, please refer to the confirmed drawing.



Technical Parameters of Vertical Cryo-storage Tanks

| Geometric Volume | Work Pressure (MPa) | Liquid Gases Weight (kg) | | | | | Tare Weight (kg) | Inner vessel | Outer vessel | Overall Dimensions (mm) | Diameter of outer vessel (mm) |
|-------------------|---------------------|--------------------------|------|-------|------|-------|------------------|--------------|--------------|-------------------------|-------------------------------|
| | | LO2 | LN2 | LAr | LNG | LCO2 | | | | | |
| 3 m ³ | 0.8 | 3066 | 2178 | 3792 | 1145 | / | 1606 | S30408 | Q345R | 3464*1866*1751 | 1600 |
| | 1.6 | | | | | / | 1864 | | | | |
| | 2.1 | | | | | 2999 | 2110 | | | | |
| | 2.16 | / | / | / | / | 3167 | 2250 | 16MnDR | | | |
| 5 m ³ | 0.8 | 4924 | 3499 | 6091 | 1840 | / | 2230 | S30408 | Q345R | 3534*2365*2165 | 2000 |
| | 1.6 | | | | | / | 2595 | | | | |
| | 2.1 | | | | | 4816 | 2995 | | | | |
| | 2.16 | / | / | / | / | 5084 | 3127 | 16MnDR | | | |
| 6 m ³ | 0.8 | 6093 | 4329 | 7536 | 2276 | / | 2460 | S30408 | Q345R | 4034*2365*2165 | 2000 |
| | 1.6 | | | | | / | 2951 | | | | |
| | 2.1 | | | | | 5959 | 3335 | | | | |
| | 2.16 | / | / | / | / | 6290 | 3485 | 16MnDR | | | |
| 8 m ³ | 0.8 | 8208 | 5832 | 10152 | 3067 | / | 3000 | S30408 | Q345R | 4950*2365*2165 | 2000 |
| | 1.6 | | | | | / | 3860 | | | | |
| | 2.1 | | | | | 8028 | 4230 | | | | |
| | 2.16 | / | / | / | / | 8474 | 4430 | 16MnDR | | | |
| 10 m ³ | 0.8 | 10260 | 7290 | 12690 | / | / | 3617 | S30408 | Q345R | 5806*2365*2165 | 2000 |
| | 1.6 | | | | / | 4529 | | | | | |
| | 2.1 | | | | 3834 | 10035 | 5068 | | | | |
| | 2.16 | / | / | / | / | 10592 | 5350 | 16MnDR | | | |

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Technical Parameters of Horizontal Cryo-storage Tanks

| Gross Capacity | Work Pressure (MPa) | Max. Theoretical Filling Volume | | | | | Inner vessel | Outer vessel | Tare Weight (kg) | Overall Dimensions (mm) | Diameter of outer vessel (mm) |
|-------------------|---------------------|---------------------------------|------|-------|------|--------|--------------|--------------|------------------|-------------------------|-------------------------------|
| | | LO2 | LN2 | LAR | LNG | LCO2 | | | | | |
| 3 m ³ | 0.8 | 3237 | 2300 | 4004 | 1210 | / | S30408 | Q345R | / | 3350*1920*1614 | 1600 |
| | 1.6 | | | | | / | | | 1670 | | |
| | 2.1 | | | | | 3167 | | | 1791 | | |
| 5 m ³ | 0.8 | 5198 | 3693 | 6429 | 1943 | / | S30408 | Q345R | / | 3570*2112*2400 | 2100 |
| | 1.6 | | | | | / | | | 2595 | | |
| | 2.1 | | | | | 5085 | | | 2823 | | |
| 10 m ³ | 0.8 | 10818 | 7686 | 13380 | / | S30408 | Q345R | / | 6080*2362*2114 | 2100 | |
| | 1.6 | | | | / | | | 3773 | | | |
| | 2.1 | | | | 4042 | | | 10581 | | | 4574 |

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Technical Parameters of Cryo-storage Tanks for Carbon Dioxide (CO₂)

| Type of Insulation | Gross Capacity | Effective Volume | Work Pressure (MPa) | Tare Weight (kg) | Max. Theoretical Filling Volume for LCO ₂ | Overall Dimensions (mm) |
|--------------------|-----------------|--------------------|---------------------|------------------|--|-------------------------|
| Foam Insulation | 2m ³ | 1.9m ³ | 2.16 | 755 | 2119 | 3250*1030*1265 |
| | 3m ³ | 2.84m ³ | | 1050 | 3167 | 2900*1330*1565 |
| | 5m ³ | 4.74m ³ | | 1850 | 5285 | 3480*1530*1865 |
| Vacuum Insulation | 2m ³ | 1.9m ³ | 2.16 | 1780 | 2119 | 3730*1212*1412 |
| | 3m ³ | 2.84m ³ | | 2050 | 3167 | 3425*1512*1754 |
| | 5m ³ | 4.74m ³ | | 3070 | 5285 | 3900*1916*2162 |

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