



# GROUND STORAGE MODULES

**4000 PSIG/276 BAR**



- > ASME Section VIII, Division I, Specification SA372, Grade J, Class 70
- > Shorter length tubes available
- > Pressures up to 10,000 PSIG available

PRODUCT VOLUME (Stated at 90% of Design Pressure)	NUMBER OF TUBES		
	3	6	9
<b>OXYGEN</b>	35,463 cf 1003.6 m <sup>3</sup>	70,926 cf 2007.2 m <sup>3</sup>	106,389 cf 3010.8 m <sup>3</sup>
<b>NITROGEN</b>	31,143 cf 881.4 m <sup>3</sup>	62,286 cf 1762.7 m <sup>3</sup>	93,429 cf 2644.8 m <sup>3</sup>
<b>ARGON</b>	35,337 cf 1000.0 m <sup>3</sup>	70,674 cf 2000.0 m <sup>3</sup>	106,011 cf 3000.0 m <sup>3</sup>
<b>HELIUM</b>	30,447 cf 861.7 m <sup>3</sup>	60,894 cf 1723.3 m <sup>3</sup>	91,341 cf 2584.9 m <sup>3</sup>
<b>HYDROGEN</b>	29,382 cf 831.5 m <sup>3</sup>	58,764 cf 1663.0 m <sup>3</sup>	88,146 cf 2494.5 m <sup>3</sup>
<b>AIR</b>	32,028 cf 906.4 m <sup>3</sup>	64,056 cf 1812.8 m <sup>3</sup>	96,084 cf 2719.2 m <sup>3</sup>
<b>METHANE</b>	40,983 cf 1159.8 m <sup>3</sup>	81,966 cf 2319.6 m <sup>3</sup>	122,949 cf 3479.5 m <sup>3</sup>

TUBE INFORMATION	
<b>LENGTH</b>	20 ft 6.1 m
<b>DIAMETER</b>	24 in 610 mm
<b>WEIGHT</b>	6390 lbs 2899 kg
<b>WATER VOLUME</b>	46.1 cf 1306 L
<b>DESIGN PRESSURE</b>	4000 psig 276 bar
<b>NOMINAL WALL THICKNESS</b>	1.319 in 33.5 mm

UNIT SPECIFICATION			
<b>LENGTH</b>	22 ft 6.71 m	22 ft 6.71 m	22 ft 6.71 m
<b>WIDTH</b>	7.7 ft 2.3 m	7.7 ft 2.3 m	7.7 ft 2.3 m
<b>HEIGHT</b>	2.5 ft 0.8 m	5.0 ft 1.5 m	7.5 ft 2.3 m
<b>WEIGHT</b>	19,670 lbs 8975 kg	39,340 lbs 17,845 kg	59,010 lbs 26,767 kg

**WELDSHIP CORPORATION**

225 West Second Street  
Bethlehem, PA 18015-1250  
Ph: (610) 861.7330  
Fx: (610) 861.5175

75 East Main Street  
Westboro, MA 01581-1420  
Ph: (508) 898.3200  
Fx: (508) 898.2845

**TEXAS TRAILER CORPORATION**  
1310 Highway 82 West  
Gainesville, TX 76240  
Ph: (940) 668.1777  
Fx: (940) 668.1771

info@weldship.com  
www.weldship.com