

Cryogenic Storage Tanks (VISS)

Our technologically advanced cryogenic storage tanks are extensively used in oxygen and nitrogen production industries for the maximum flexibility with low maintenance cost. Provided with simple tube and shell structure, allows less replacement of the insulation material. Having low static evaporation and perfect insulation, this tank requires small area to carry out to operation effectively.

Our vacuum powder insulation cryogenic tanks, used to store liquid oxygen, nitrogen, argon and other liquefied gases has:

- • Low evaporation rate
- • Ensure high safety
- • Tank interlayer passes strict leakage test by helium gas spectrometer
- • Leak rate of less than 1×10^{-10} pa-l/s.

Our array find wide application in several industries enlisted below:

- • Electronics.
- • Mining
- • Metallurgy
- • Steel
- • Oil & Gas
- • Chemical
- • Machinery medical treatment
- • Off shore

Specification Table:

Type	Vacuum Insulated Storage Tanks
Range	1200 Liters to 100,000 Liters
	300 Gallons To 25000 Gallons
Quality	Low evaporation rate

UBT- LOW PRESSURE TANKS

Model	Net Liquid Capacity**		Max. Working Pressure			Empty Weight		"A" Height		"B" Diameter	
	Gallon	Liter	PSIG	Bar	MPa	lbs	kg	Ft-In	MM	Ft	MM
1200	300	1200	110	8	0.8	4125	1650	5.4	1612	10.6	3180
2000	500	2000	110	8	0.8	5287	2115	6.04	1812	11.6	3509
3000	750	3000	110	8	0.8	7050	2820	6.40	1916	13.45	4040
5000	1250	5000	110	8	0.8	10575	4230	6.40	1916	18.9	5690
10000	2500	10000	110	8	0.8	17607	7043	7.40	2216	23.8	7140
15000	3750	15000	110	8	0.8	21225	8490	8.40	2516	25.0	7490
20000	5000	20000	110	8	0.8	28050	11220	8.72	2616	28.8	8640
30000	7500	30000	110	8	0.8	43625	17450	10.08	3024	30.06	9020
50000	12500	50000	110	8	0.8	66250	26500	10.76	3230	41.6	12480

100000	25000	100000	110	8	0.8	120625	48250	12.1	3640	60	180

UBT- MEDIUM PRESSURE TANKS

Model	Net Liquid Capacity**		Max. Working Pressure			Weight		"A" Height		"B" Diameter	
	Gallon	Liter	PSIG	Bar	MPa	lbs	kg	Ft	MM	Ft	MM
UT16-1200	300	1200	220	16	1.6	4475	1790	5.4	1612	10.6	3180
2000	500	2000	220	16	1.6	6075	2430	6.04	1812	11.6	3509
3000	750	3000	220	16	1.6	7975	3190	6.40	1916	13.45	4040
5000	1250	5000	220	16	1.6	12000	4800	6.40	1916	18.9	5690
10000	2500	10000	220	16	1.6	20312.5	8125	7.40	2216	23.8	7140
15000	3750	15000	220	16	1.6	27112.5	10845	8.40	2516	25.0	7490
20000	5000	20000	220	16	1.6	33550	13420	8.72	2616	28.8	8640
30000	7500	30000	220	16	1.6	51175	20470	10.08	3024	30.06	9020
50000	12500	50000	220	16	1.6	83875	33550	10.76	3230	41.6	12480
100000	25000	100000	220	16	1.6	147000	58800	12.1	3640	60	18000