



## Universal Industrial Plant Mfg. Co. (P) Ltd.

(Certified ISO 9001:2000 Company and CE)

IN COLLABORATION ING. L & ABOSCHI, ITALY

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### Cryogenic Storage Tanks (VISS)

Universal tanks are engineered for maximum flexibility and minimum cost. The new design makes installation a process saving time and resources. Our optimized piping design makes operating and maintaining a tank very easier. Readily accessible valves and controls provide ample clearance, facilitate operation and simplify maintenance procedures. Wider space and superior performance meet the flow requirements of a complete range of gas and liquid applications.

**Vacuum insulated cryogenic storage tanks have the following features:**

- Simple tube structure.
- No need to replace the insulation material regularly.
- Excellent insulation and low static evaporation.
- Tank interlayer passes strict leakage test by helium gas spectrometer with a leak rate of less than  $1 \times 10^{-10}$  pa-l/s.
- Convenient system operation and small area requirement.



#### Applications

Vacuum powder insulation cryogenic tanks are used to supply liquefied oxygen, nitrogen, argon and other liquefied gases.

#### Advantages

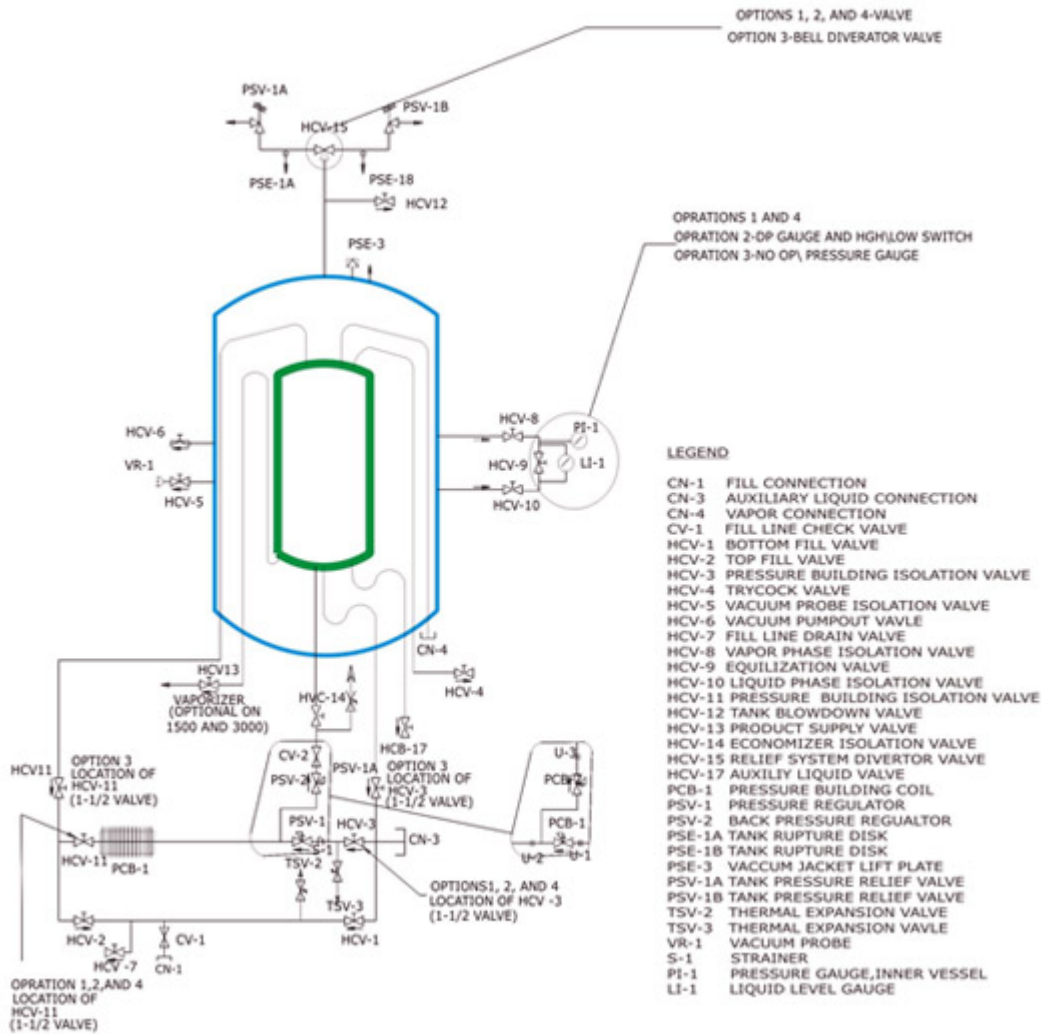
- low area requirement.
- Simple operating convenience.
- Safety.





INDUSTRIES WISE APPLICATION:

- Chemical
- Machinery medical treatment
- Electronics.
- Mining
- Metallurgy
- Many more





**Specification Table:**

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

**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





**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	18000



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