

The PVT series of industrial tanks are suitable for the bulk storage of liquid nitrogen. The PVT range has been designed with a small footprint to give maximum storage capacity for the minimum ground area.

The PVT offers years of trouble free operation for applications requiring a high duty cycle.

All vessels are designed for outdoor use and incorporate dual liquid decant valves for extra versatility, full pressure building circuitry and all safety and control equipment are fitted as standard.

SPECIFICATION	PVT-4000	PVT-6000	PVT-10,000
Product Code	9916-4000-0	9916-6000-0	9916-8300-0
Capacity (litres)	4000	6000	10,000
Diameter (mm)	1800	1800	2200
Height (mm)*	3500	4450	5350
Depth (mm)	2050	2050	2450
Weight Empty (kg)	1900	2250	2950
Weight Full (kg)			
Maximum Allowable Working Pressure (bar G)	3.0	3.0	3.0
Evaporation Rate (% per day)	0.6	0.4	0.4

* Measured from floor to top of contents gauge

** Measured at atmospheric pressure



PVT FEATURES

High quality extended stem valves throughout



Efficient external pressure build system



Oxygen models available on request



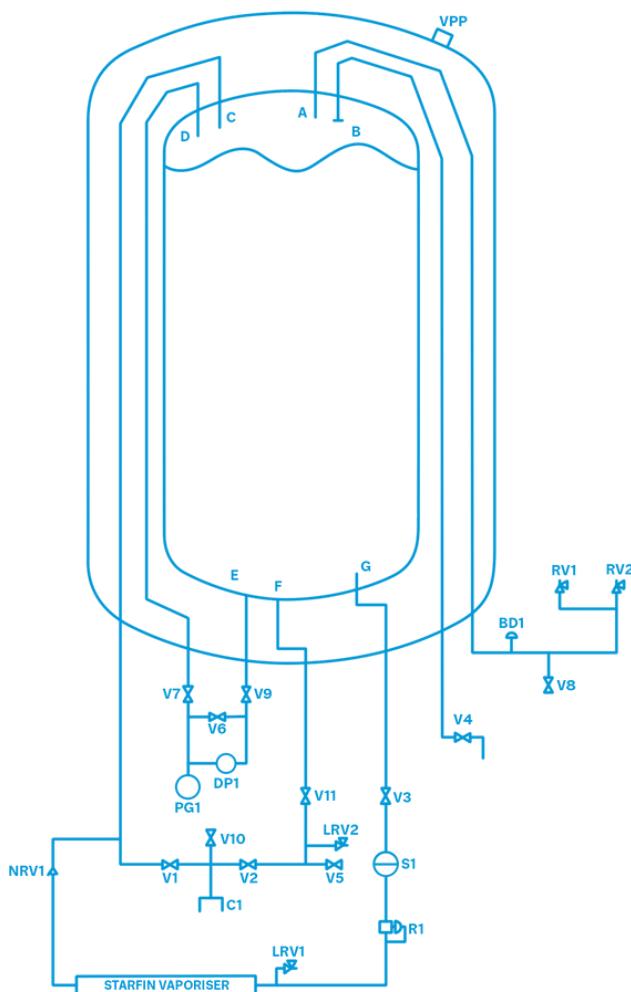
Robust industrial design



Non-european approvals available



VALVES/PIPEWORK



VALVES/ PIPEWORK (LIN, LOX, LAR)	
V1	Isolating valve (top fill)
V2	Isolating valve (bottom valve)
V3	Pressure build feed
V4	Trycock
V5	Liquid feed valve
V6	Instrument valve - equalising
V7	Instrument valve - gas phase
V8	Gas vent
V9	Instrument valve - liquid phase
V10	Blow down valve
V11	Liquid isolation valve
RV1	Primary relief valve
RV2	Secondary relief valve
LRV1	Line relief valve
LRV2	Line relief valve
NRV1	Non return valve
R1	Regulator pressure build
S1	Strainer
DP1	Differential pressure gauge
PG1	Pressure gauge
C1	Fill coupling
BD1	Burst disc
VPP	Vacuum pumping port

