






The PHV Series of industrial tanks are suitable for the bulk storage or transportation of liquid nitrogen. The range has been designed to give 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 mounted within a lockable cabinet for increased security.







PHV FEATURES

-  Suitable for the most arduous duties of storage and transport of nitrogen
-  Efficient external pressure build system
-  High quality extended spindle valves fitted throughout
-  Larger capacities / higher working pressures available on request
-  Stainless steel lockable cabinet

	PHV 1000	PHV 1500	PHV 2000	PHV 3000	PHV 4000	PHV 5000	PHV 6000
Product Code	9915-1000	9915-1500	9915-2000	9915-3000	9915-4000	9915-5000	9915-6000
Capacity (litres)	1000	1500	2000	3000	4000	5000	6000
Length (mm)	2262	3210	3175	4325	4185	5049	4400
Diameter (mm)	1108	1108	1308	1308	1512	1512	1809
Height (mm)	1406	1406	1606	1606	1806	1808	1880
Weight Empty (kg)	650	570	1000	1425	1700	1900	2100
Weight Full (kg)	1460	1800	2610	3760	4930	5940	6950
Maximum Allowable Working Pressure (bar)	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Static Evaporation Rate (% per day)*	1.0	1.0	1.0	1.0	1.0	1.0	1.0

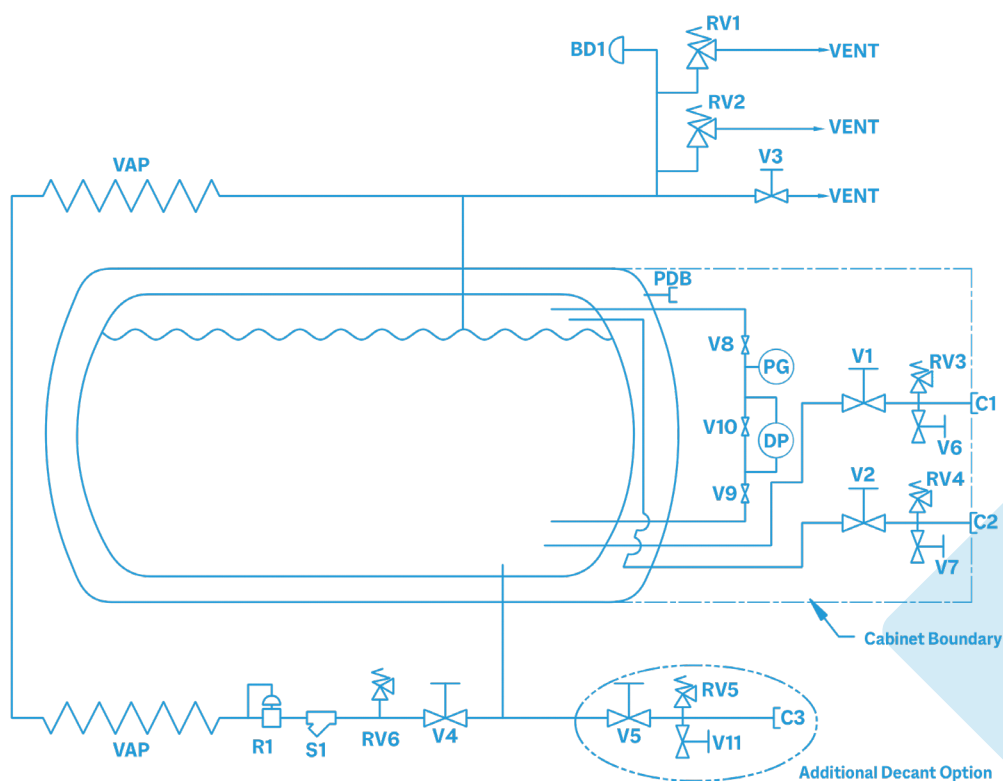
* Measured at atmospheric pressure

PHV FEATURES

- TPED approval for the transportation of liquid on European roads 
- Non-European approvals available on request 
- Stainless steel construction of inner and outer vessels 
- Optional fork lift base 
- Dual liquid decant valves 
- Crane lifting eyes (empty lift only) 



VALVES/PIPEWORK



VALVES/ PIPEWORK (LIN, LOX, LAR)	
V1	Bottom fill / decant isolation valve
V2	Top fill isolation valve
V3	Gas vent / try cock valve
V4	Pressure build valve
V5	Optional fill / decant valve
V6	Blow down valve
V7	Blow down valve
V8	DP gauge isolation valve (gas phase)
V9	DP gauge isolation valve (liquid phase)
V10	DP gauge equalising valve
V11	Blow down valve
RV1	Primary relief valve (3 Bar G)
RV2	Primary relief valve (3 Bar G)
RV3	Line relief valve (6 Bar G)
RV4	Line relief valve (6 Bar G)
RV5	Line relief valve (6 Bar G)
RV6	Line relief valve (10 Bar G)
BD1	Burst disk (4.5 Bar G)
S1	Strainer
R1	Pressure build regulator
VAP	Pressure build vaporiser
PG	Pressure gauge
DP	Differential pressure gauge
C1	Bottom fill / decant coupling
C2	Top fill coupling
C3	Decant coupling
PDB	Vacuum pumping port