

TITAN®

Engineered for exceptional performance, durability, versatility, & value. Available in liquid Oxygen, Nitrogen, or Argon service.

TITAN® LARGE BULK INDUSTRIAL

Models are available in 1500 to 13000 gallon sizes and in 250 or 500 psig working pressures. Other sizes and service pressure models are also available.

HIGH PERFORMANCE

- Vacuum-jacketed and super insulated for reduced product losses and extended hold times
- Combination pressure building/economizer regulator
- Standard dual relief system

DURABILITY & DESIGN

- Welded stainless steel piping
- Built to ASME Sec. VIII, Div. 1 Specifications
- Plumbing in accordance with ASME B31.3
- Extended bonnet RegO® control valves
- Backed by competitive 5-year warranty

MODEL	Gross Capacity		Net Capacity		Tare Weight		Height		Diameter		MAWP	NER
	<i>gallon</i>	<i>liter</i>	<i>gallon</i>	<i>liter</i>	<i>lb.</i>	<i>kg</i>	<i>ft./in.</i>	<i>mm</i>	<i>ft./in.</i>	<i>mm</i>	<i>PSIG</i>	<i>% per day in N₂</i>
250 psi (MP) Models												
1500 Gal.	1,674	6,337	1,590	6,019	7,474	3,390	18' 4"	5,570	5' 8"	1,716	250	0.42
3000 Gal.	3,208	12,144	3,047	11,536	13,415	6,085	19' 11"	6,050	7' 2"	2,170	250	0.31
6000 Gal.	5,904	22,350	5,609	21,323	22,774	10,330	31' 8"	9,650	7' 2"	2,170	250	0.22
9000 Gal.	9,669	36,602	9,167	34,701	34,171	15,500	33' 6"	10,200	9' 6"	2,894	250	0.18
11000 Gal.	11,808	44,699	11,227	42,499	38,911	17,650	39' 5"	12,000	9' 6"	2,894	250	0.16
13000 Gal.	13,605	51,501	12,918	48,900	43,177	19,585	44' 4"	13,500	9' 6"	2,894	250	0.15
500 psi (VHP) Models												
1500 Gal.	1,674	6,337	1,590	6,019	8,973	4,070	18' 4"	5,570	5' 8"	1,716	500	0.42
3000 Gal.	3,208	12,144	3,047	11,536	16,566	7,514	19' 11"	6,050	7' 2"	2,170	500	0.31
6000 Gal.	5,904	22,350	5,609	21,323	28,660	13,000	31' 8"	9,650	7' 2"	2,170	500	0.22

U.S. TOLL FREE **888-429-5832**



www.cyl-tec.com

- 1500-13000 gallon tanks
- 250 or 500 psig
- Horizontal models also available

TITAN® LARGE BULK OPERATING DIAGRAM (1500-13000 GAL.)

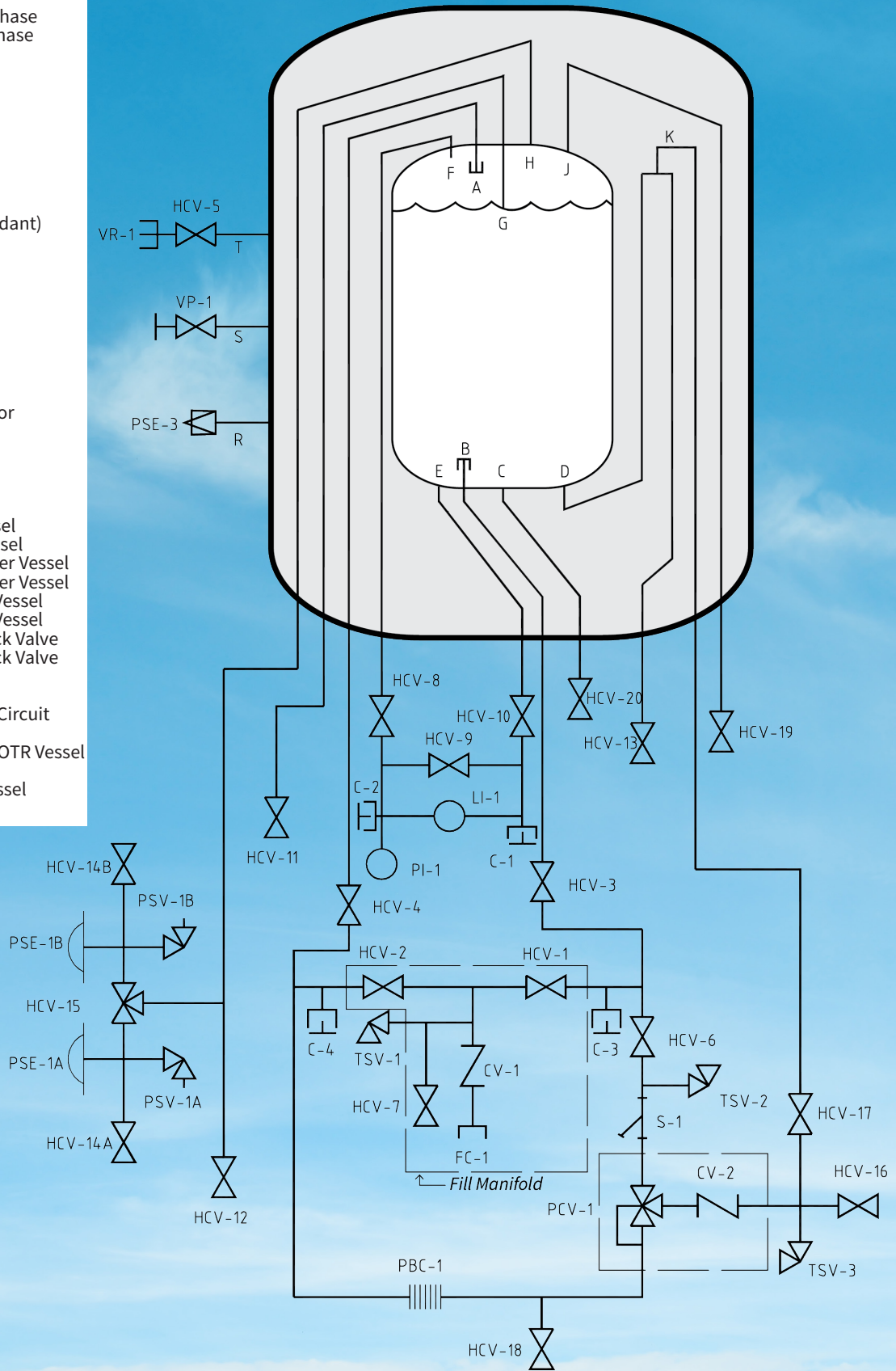
KEY

C-1	Connection, LI-1, Liquid Phase
C-2	Connection, LI-1, Vapor Phase
C-3	Connection, Aux, Liquid
C-4	Connection, Aux, Gas
CV-1	Check Valve, Fill
FC-1	Connection, Fill
HCV-1	Valve, Bottom Fill
HCV-2	Valve, Top Fill
HCV-3	Valve, PB In Isolation
HCV-4	Valve, PB Out Isolation
HCV-5	Valve, Vacuum Gauge
HCV-6	Valve, PB Isolation (redundant)
HCV-7	Valve, Fill Line Drain
HCV-8	Valve, LI-1 Vapor Gauge
HCV-9	Valve, LI-1 Equalization
HCV-10	Valve, LI-1 Liquid Phase
HCV-11	Valve, Full Trycock
HCV-12	Valve, Vent
HCV-13	Valve, Gas Use
HCV-14A	Valve, Purge
HCV-14B	Valve, Purge
HCV-15	Valve, Safety Relief Selector
HCV-16	Valve, Purge
HCV-17	Valve, Economizer
HCV-18	Valve, Purge
HCV-19	Valve, Aux Gas
HCV-20	Valve, Liquid Withdrawal
LI-1	Level Indicator, Inner Vessel
PI-1	Pressure Gauge, Inner Vessel
PSV-1A	Pressure Safety Valve, Inner Vessel
PSV-1B	Pressure Safety Valve, Inner Vessel
PSE-1A	Rupture Disc, PRD, Inner Vessel
PSE-1B	Rupture Disc, PRD, Inner Vessel
PCV-1	Combination Reg. W/Check Valve
CV-2	Combination Reg. W/Check Valve
TSV-1	Thermal Safety Valve, Fill
TSV-2	Thermal Safety Valve, Fill
TSV-3	Thermal Safety Valve, PB Circuit
S-1	Y-Strainer
PSE-3	Pressure Safety Element, OTR Vessel
VP-1	Valve, Vacuum Pump
VR-1	Vacuum Readout, OTR Vessel
PBC-1	Pressure Build Vaporizer

- A TOP FILL
- B BOTTOM FILL
- C AUX. LIQUID
- D GAS USE
- E LIQUID PHASE
- F GAS PHASE
- G FULL TRYCOCK
- H VENT
- J AUX. GAS
- K ECONOMIZER
- R PRESSURE RELIEF
- S VACUUM PUMP
- T VACUUM GAUGE

LEGEND

	Check Valve
	Connector
	Diverter Valve
	Pressure Gauge
	Regulator
	Thermal Safety Valve
	Vaporizer
	Y-Strainer



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