



Titan® Large Bulk Industrial are engineered for exceptional performance, durability, versatility, & value. Available in liquid Oxygen, Nitrogen, or Argon service.

## TITAN® LARGE BULK INDUSTRIAL

Models are available in 1,500 to 13,000 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 N<sub>2</sub></i>
<b>250 psi (MP) Models</b>												
<b>1,500 Gal.</b>	1674	6337	1590	6019	7170	3250	18' 4"	5570	5' 8"	1716	250	0.42
<b>3,000 Gal.</b>	3208	12144	3047	11536	13800	6260	19' 11"	6050	7' 2"	2170	250	0.31
<b>6,000 Gal.</b>	5904	22350	5609	21323	23200	10520	31' 8"	9650	7' 2"	2170	250	0.22
<b>9,000 Gal.</b>	9669	36602	9167	34701	28450	12900	33' 6"	10200	9' 6"	2894	250	0.18
<b>11,000 Gal.</b>	11808	44699	11227	42499	33730	15300	39' 5"	12000	9' 6"	2894	250	0.16
<b>13,000 Gal.</b>	13605	51501	12918	48900	38150	17300	44' 4"	13500	9' 6"	2894	250	0.15
<b>500 psi (VHP) Models</b>												
<b>1,500 Gal.</b>	1674	6337	1590	6019	8970	4070	18' 4"	5570	5' 8"	1716	500	0.42
<b>3,000 Gal.</b>	3208	12144	3047	11536	16580	7520	19' 11"	6050	7' 2"	2170	500	0.31
<b>6,000 Gal.</b>	5904	22350	5609	21323	28660	13000	31' 8"	9650	7' 2"	2170	500	0.22



Call us now! (905) 564-8887

- 1,500-13,000 gallon tanks
- 250 or 500 psig
- Horizontal models also available

# TITAN® LARGE BULK OPERATING DIAGRAM (1,500-13,000 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-7	Valve, Fill Line Drain
HCV-3	Valve, PB In Isolation
HCV-4	Valve, PB Out Isolation
HCV-5	Valve, Vacuum Gauge
HCV-6	Valve, PB Isolation (redundant)
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
S	VACUUM PUMP
R	PRESSURE RELIEF
T	VACUUM GAUGE

## LEGEND

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

