

Taylor-Wharton Microbulk

Why Eleet?

- Stock of 2000 - 7500L VHP models ready for immediate shipment
- Equipped with more standard features than any other unit on the market to offer maximum performance
- Quality materials: durable stainless steel, superior insulation, and upgraded components

Vacuum Probe
5 Year vacuum warranty

Vaporizer
3,500 SCFH gaseous flow rates
3x higher compared to previous MicroBulk designs

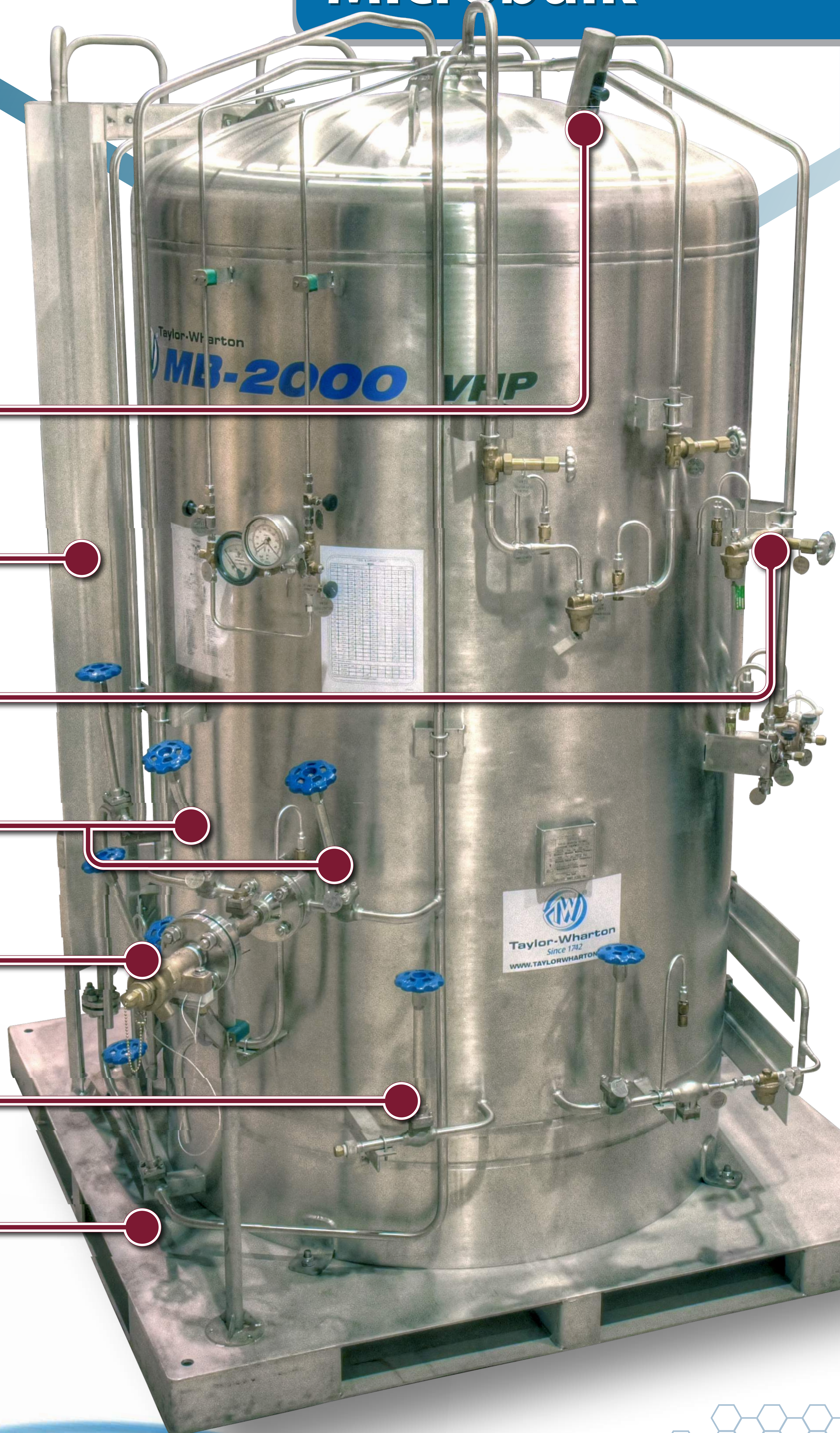
Back Pressure Regulator
Versatility for low pressure applications

Top & Bottom Fill Lines
Maintain tank pressure when filling

Dual Fill Adapter
On heavy duty stand
Fill with MicroBulk or Bulk Trucks

Dedicated Liquid Withdrawal Line with Valve
Add Vacuum Jacketed Valve if needed

Heavy Duty Galvanized Pallet
Well engineered and rust-resistant



MicroBulk Tank Specifications

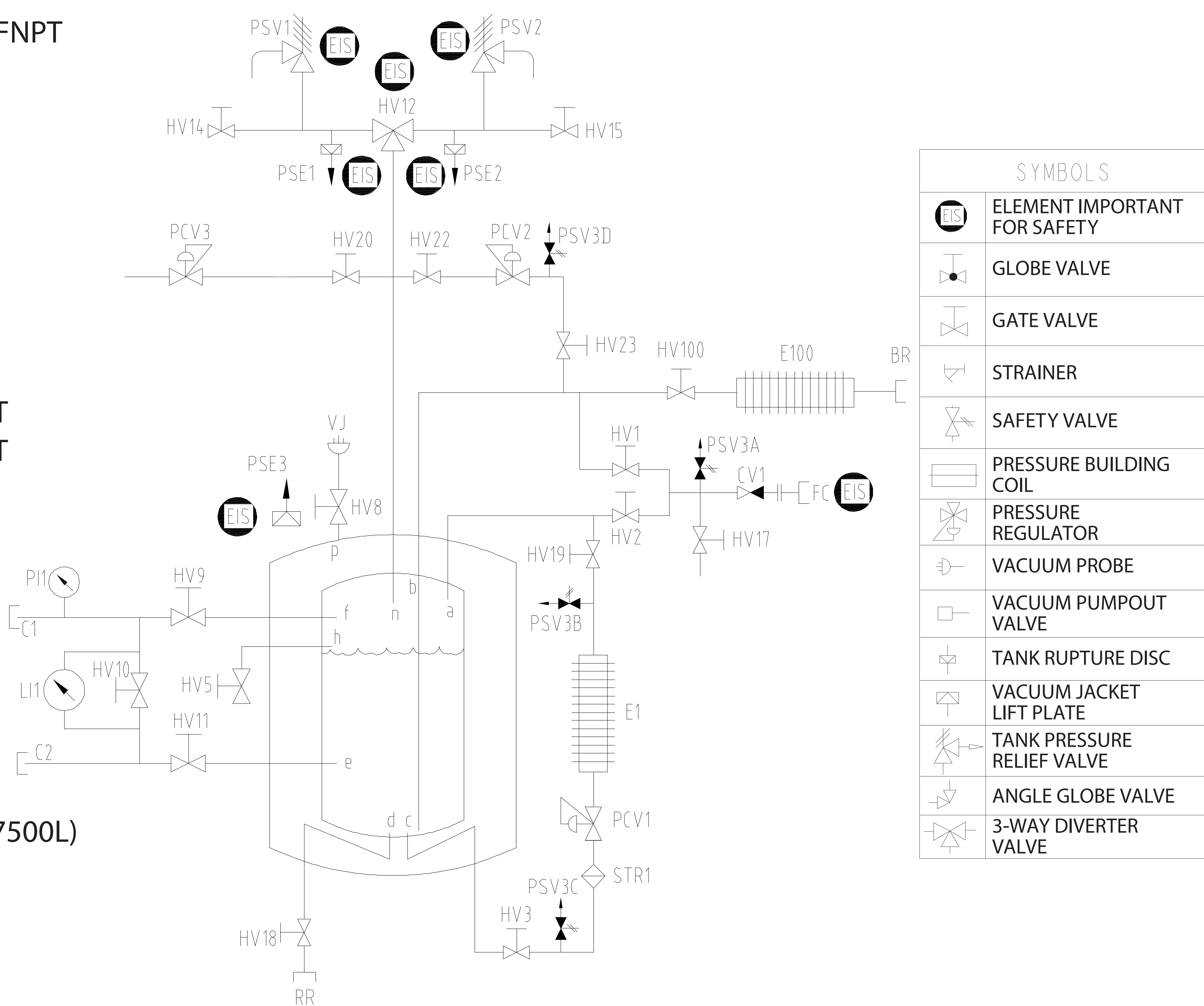
PART/MODEL NO.	V2000	V3000	V5000	V7500
MAWP PSI (MPa)	500 (3.45)	500 (3.45)	500 (3.45)	500 (3.45)
Operation Pressure PSI (MPa)	400 (2.76)	400 (2.76)	400 (2.76)	400 (2.76)
Gross Capacity US gallon (m³)	568 (2.15)	782 (2.96)	1321 (5.00)	1981 (7.50)
Net Capacity US gallon (m³)	512 (1.94)	713 (2.70)	1189 (4.50)	1783 (6.75)
Estimated tare weight Lbs (kg)	3748 (1700)	4674 (2120)	6658 (3020)	10251 (4650)
Weight with full medium Lbs (kg)				
LIN	7205 (3268)	9485 (4302)	14677 (6657)	22279 (10106)
LOX	8631 (3915)	11469 (5202)	17984 (8157)	27239 (12356)
LAR	9706 (4402)	12966 (5881)	20478 (9289)	30980 (14053)
CO ₂ *	8096 (3672)	10726 (4865)	16744 (7595)	25381 (11513)
Tank Diameter Inches (mm)	53.1 (1350)	59.1 (1500)	72.4 (1840)	79.9 (2030)
Pallet Depth Inches (mm)	82.7 (2100)	82.7 (2100)	88.6 (2250)	96.5 (2450)
Pallet Width Inches (mm)	66.1 (1680)	66.1 (1680)	78.7 (2000)	86.6 (2200)
Overall Height Inches (mm)	107.1 (2720)	112.4 (2855)	118.3 (3005)	141.7 (3600)
Max N2 Withdrawal Rate SCFH (NM³/h)	3540 (100)	3540 (100)	3540 (100)	5310 (150)
Max CO ₂ Withdrawal Rate SCFH (NM³/h)	1300 (37)	1300 (37)	1300 (37)	1968 (56)
NER (nominal evaporation rate) %/DAY (oxygen)	≤0.6%/DAY	≤0.6%/DAY	≤0.6%/DAY	≤0.6%/DAY

* CO₂ saturated at 300psig

Piping and Instrument Legend

a	TOP FILL LINE 1/2" (2000-3000-LITERS)	PI1	TANK PRESSURE GAUGE, G 1/2"
a	TOP FILL LINE 1" (5000-7500 LITER)	LI1	LIQUID LEVEL GAUGE, 1/4" FNPT
b	BOTTOM FILL LINE 1/2" (2000-3000-LITERS)	HV17	FILL LINE PURGE VALVE, 1/2" SW
b	BOTTOM FILL LINE 1" (5000-7500L)	PCV2	ECONOMIZER REGULATOR VALVE, 1/4", FNPT
c	LIQUID WITHDRAWAL LINE, 1/2"	PCV3	BACK PRESSURE REGULATOR VALVE, 1/4" FNPT
d	WITHDRAWAL LINE, 1/2" LIQUID	HV10	EQUALIZATION VALVE, 1/4" MNPT
e	INSTRUMENT LINE, 3/8"OD GAS	HV11	LIQUID ISOLATION VALVE, 1/4" MNPT
f	INSTRUMENT LINE, 3/8"OD FULL	HV9	GAS ISOLATION VALVE, 1/4" MNPT
h	TRYCOCK LINE, 1/2"	E1	PRESSURE BUILDING COIL
n	SAFETY VENT LINE, 1/2"	PCV1	PRESSURE REGULATOR, 1/4" FNPT
t	VACUUM PUMPOUT LINE & JACKET RELIEF DEVICE, 1/2"	RR	LIQUID CONNECTION, 1/2" FNPT
P	VACUUM PROBE, 1/8"	PSV1&2	SAFETY VALVE, 1/2" FNPT
HV1	FILLING LIQUID BOTTOM VALVE, 1/2"	PSV3A	THERMAL EXPANSION VALVE, 1/4" MNPT
HV2	FILLING GAS TOP VALVE, 1/2"	PSV3F	THERMAL EXPANSION VALVE, 1/4" MNPT
HV5	FULL TRYCOCK VALVE, 1/2"	HV3	PRESSURE BUILDUP VALVE, 1/2" SW
HV100	GAS SUPPLY VALVE, 1/2"	HV14&15	SAFETY LINE PURGE VALVE, 1/4" MNPT
HV18	BOTTOM LIQUID VALVE, 1/2"	E100	ATMOSPHERIC VAPORIZER
BR	GAS SUPPLY CONNECTION, 1/2" + 1/2" FNPT	VJ	VACUUM PROBE, 1/8" MVPT
PSE3	VACUUM PUMP & VACUUM BURSTING DISC, 1 1/2"	HV8	VACUUM PROBE VALVE, 1/8" FNPT
C1	INSTRUMENT GAS CONNECTION, 1/4" FNPT	STR1	STRAINER, 1/2" SW
C2	INSTRUMENT LIQUID CONNECTION, 1/4" FNPT	FC	FILLING CONNECTION, 1 1/2"
PSE1&2	BURSTING DISC, 1/2" MNPT	CV1	CHECK VALVE FILL PORT. 1/2" FNPT (2000-3000-LITERS)
HV12	SAFETY CHANGEOVER VALVE, BRONZE	CV1	CHECK VALVE FILL PORT. 1" FNPT(5000-7500L)
		HV19	ISOLATION VALVE FOR PBU, 1/2" SW
		HV20	ISOLATION VALVE FOR PVC2, 1/2" FNPT
		HV22	ISOLATION VALVE FOR PVC3, 1/2" FNPT
		HV23	ISOLATION VALVE FOR PVC3, 1/2" FNPT

Piping and Instrument Diagram (2000-7500 liter units)



Contact us today for more information about our comprehensive solution!



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