



Taylor-Wharton
Since 1742

Taylor-Wharton VJ CO₂ Bulk Vessels

Vacuum Jacketed CO₂-N₂O Tanks

- Innovative Stainless Steel Design
- Industry-Leading Vacuum Insulation System Eliminates The Need for Mechanical Refrigeration
- Recondensing Coil Included as a Standard on ALL Models
- Structural Design Suitable for 200% of Gravity Seismic Sites
- Environmentally Friendly, Lower Energy Consumption & Reduced Maintenance Compared to Foam Insulated Tanks
- Vacuum Jacketed Insulation System Provides a Significantly Longer Service Life than Foam Insulation
- Durable Industrial Coating with Epoxy Primer & Polyurethane Enamel Topcoat
- Easy to Maintain with Readily Accessible Valves & Controls
- Broad Range of Options to Meet Specific Customer Applications
- Full Rehab Services – VJ & Foam Insulated Tanks
- All Models PED Approved



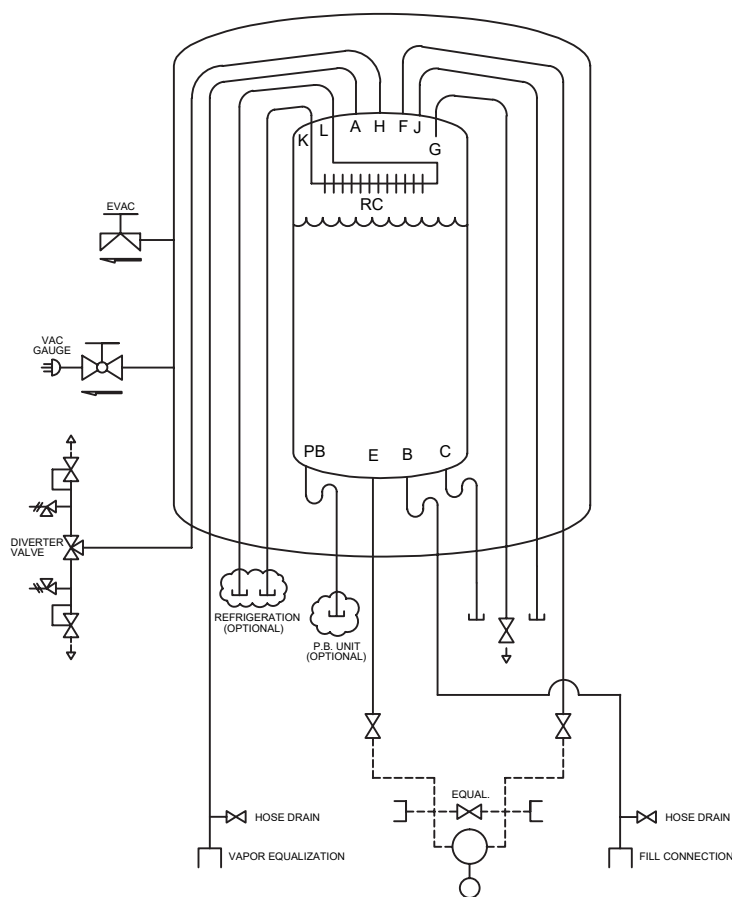
VJ Tank Specifications

MODEL	MAWP		WATER CAPACITY				DIAMETER		HEIGHT		EMPTY WEIGHT		NER
			GROSS CAPACITY		NET CAPACITY (95%)								
	psi	bar	gallons	liters	gallons	liters	feet-inches	mm	feet-inches	mm	lbs	kg	%/ DAY CO2
VTLC02-6-250	350	24.13	1,585	6,000	1,506	5,700	6'-2.8"	1,900	17'-5"	5,310	11,023	5,000	0.07
VTLC02-14-350	350	24.13	3,038	11,500	2,886	10,925	7'-2.6"	2,200	23'-2"	7,050	16,590	7,525	0.05
VTLC02-31-350	350	24.13	7,370	27,900	7,002	26,505	8'-2.4"	2,500	33'-8"	10,250	29,432	13,350	0.05
VTLC02-50-350	350	24.13	11,174	42,300	10,616	40,185	9'-10"	3,000	34'-5"	10,500	45,305	20,550	0.03

- Horizontal Models Available
- All Specifications are nominal

VESSEL NOZZLES - Pipe Size (in.)

Tank Volume	6-14 ton	31-50 ton
Top Fill / Vapor Equil. (A)	1-1/2"	2"
Bottom Fill (B)	1-1/2"	1-1/2"
Liquid Auxillary (C)	1-1/2"	2"
Liquid Instrument (E)	3/8"	3/8"
Gas Instrument (F)	3/8"	3/8"
Full Trycock (G)	1/2"	1/2"
Safety (H)	1-1/2"	1-1/2"
Vapor Return (J)	1-1/2"	1-1/2"
Refrigeration Coil Inlet (K)	3/4"	3/4"
Refrigeration Coil Outlet (L)	3/4"	3/4"
Refrigeration Coil (RC)	3/4"	3/4"
Pressure Building (PB)	1-1/2"	1-1/2"



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