

## Taylor-Wharton VJ CO<sub>2</sub> Bulk Vessels

### Vacuum Jacketed CO<sub>2</sub>-N<sub>2</sub>O 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, Including The 6 & 14-Ton Vessels
- 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 CRN Approved

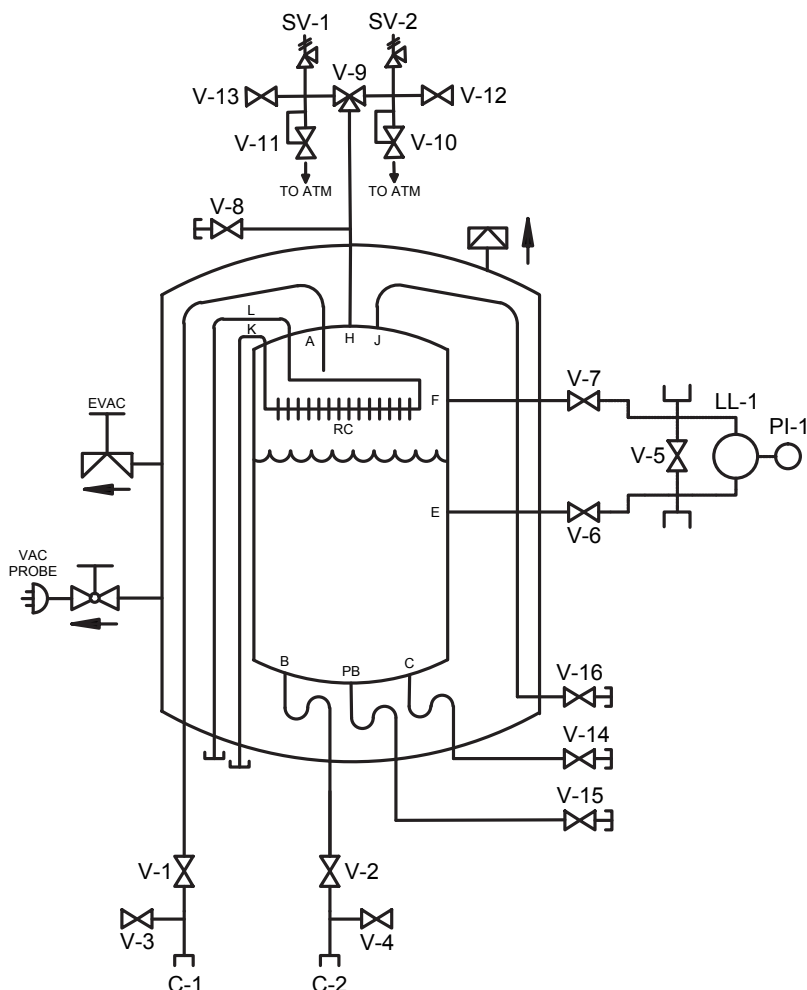


# VJ Tank Specifications

| MODEL         | MAWP |       | GROSS CAPACITY | NET CAPACITY | DIAMETER |       | HEIGHT  |        | EMPTY WEIGHT |        | FULL WEIGHT |        |
|---------------|------|-------|----------------|--------------|----------|-------|---------|--------|--------------|--------|-------------|--------|
|               | psi  | bar   | tons           | tons         | ft.-in.  | mm    | ft.-in. | mm     | lbs          | kg     | lbs         | kg     |
| VTLC02-6-350  | 350  | 24.13 | 6.9            | 6.5          | 6'-2.8"  | 1,900 | 17'-5"  | 5,310  | 10,031       | 4,550  | 23,050      | 10,445 |
| VTLC02-14-350 | 350  | 24.13 | 13.1           | 12.5         | 7'-2.6"  | 2,200 | 23'-2"  | 7,050  | 17,637       | 8,000  | 42,590      | 19,318 |
| VTLC02-31-350 | 350  | 24.13 | 31.9           | 30.3         | 8'-2.4"  | 2,500 | 33'-8"  | 10,250 | 37,699       | 17,100 | 98,236      | 44,016 |
| VTLC02-50-350 | 350  | 24.13 | 48.3           | 45.9         | 9'-10"   | 3,000 | 34'-5"  | 10,500 | 52,139       | 23,650 | 143,921     | 65,282 |

## VESSEL NOZZLES - Pipe Size (in.)

| Description                   | 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"      |
| 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"    |



Contact us Today for More information about our Comprehensive Solution!