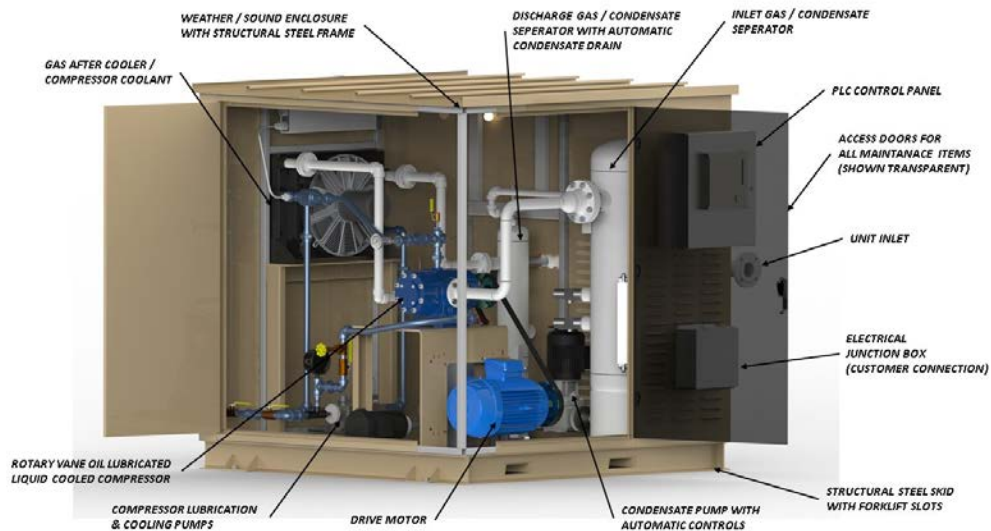


TESCORP CVR-M 1 (MODULAR) SERIES VAPOR RECOVERY UNITS

**Single-stage Vapor Recovery System
20 to 50 Horsepower**

**Capabilities from 100 to 400 MSFCD
Pressure capabilities up to 95 PSIA**



TESCORP's "CVR-MODULAR 1" VRU Series is a system for applications that meet EPA CFR 40, Subpart 0000 regulations and your stock tank vapor recovery gas emission requirements. Designed and constructed for "wet" gas applications utilizing a rugged single-stage rotary vane compressor, TESCOP's "CVR-MODULARS" are compact, self-contained, fully-automated VRU systems, complete with gas cooling, "load/no-load" capacity controls, with sophisticated PLC control logic with customer "DCS" communication.

The unit offers the following design and optional features:

- Liquid cooled, oil-lubricated, single-stage rotary vane compressor utilizing mechanical seals and heads designed for saturated gas applications
- Complete force-feed lubrication system including a 15 gal. oil storage reservoir, progressive flow type divider block, manifold & filter. Controls include flow indicators and monitors
- NEC Class I, Div. II, Premium efficiency TEFC 460 VAC/3 Ph. /60Hz electric drive motor. VFD ready
- ASME Code, Section VIII Suction scrubber. 316 SS mist eliminator, condensate level controls with pump for rated flows and pressures
- Gas after-cooler with 30°F approach to ambient and a closed-loop compressor jacket water cooling heat exchanger assembly
- Unit control panel per NEC Class I, Division II, Class B,C, & D w/ TESCOP's vapor recovery logic, controls, and DCS comm. port
- CVR-M's skid and enclosure are designed for harsh oil field conditions
- Wiring per NEC Class I, Div. II, Class B, C, & D on all electrical components for safe operation
- Compressor options include Double-Bellows mechanical seals
- Motor starters and/or VFD drives are available for all accessory motors
- The CVR-M 1 (Modular) Vapor Recovery Unit utilizes a single-stage rotary vane compressor with minimal once-through oil lubrication. This eliminates the damages associated with liquid contamination of the lubrication and maintains temperatures in excess of the gas "dew-point"

Price available upon request

Application graphs and drawings available online and in general VentMaster brochure