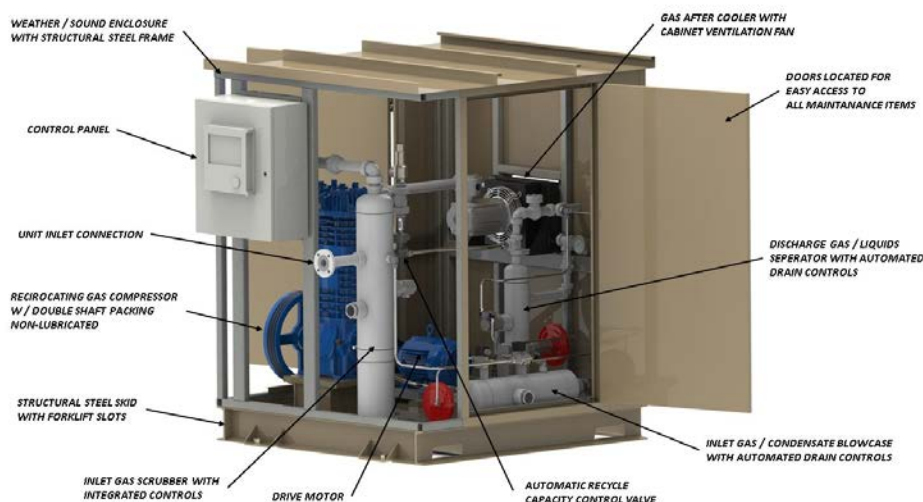
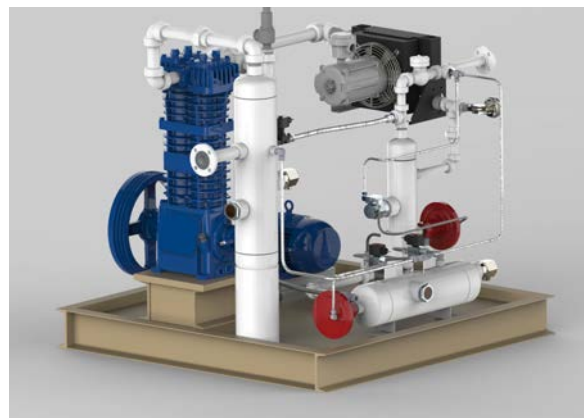


# TESCORP BVR-M 2 (MODULAR) SERIES VAPOR RECOVERY UNITS

**Two-stage Reciprocating Compressor**  
**Air-cooled, Oil-free**  
**3 to 30 Horsepower (13 sizes available)**

**VRU flows from 15 to 5 MSCFD @atmos**  
**Flash gas booster flows to 400 Mscfd**  
**Inlet pressure: 0 to 80 Psig**  
**Discharge pressures: up to 260 Psig**



The TESCORN "BVR-M 2" Series is a completely self-contained compression system for applications for stock tank vapor recovery, flare gas recovery, or small flow, medium pressure process gas applications. Constructed as a compact and fully-contained system with a Blackmer air-cooled, two-stage, pressure-lubricated, reciprocating gas compressor and TESCORN vapor recovery unit technology and components, the BVR-MODULAR 2 Vapor Recovery Unit is designed and constructed for simplicity of installation and ease of operation for the critical demands of the harsh oilfield environment.

### The unit offers the following design and optional features:

#### Two-stage reciprocating compressor with:

- Two-stage, single-acting, air-cooled
- Pressure lubricated power-frame compressor
- Single distance piece and seal assembly
- Corrosive gas trim

#### Premium efficiency electric motor drive with:

- TEFC enclosure, 460 VAC/3-Phase/60 Hertz, NEMA "B" torque, 1.15 service factor

#### Suction scrubber constructed per the following:

- Designed, constructed, stamped and National Board Certified per ASME Section VIII
- 1/8" corrosion allowance
- Condensate level controls, gauges, pump rated for flow and pressure

#### Piping materials, welding procedures, design and construction are per the following:

- ANSI B31.3 latest edition with 10% X-Ray
- All gas transmission piping 2" and smaller shall be either NPT or tubing

#### Vapor recovery control panel is designed per NEC Class I, Division II, Class B,C, & D with:

- TESCORN vapor recovery logic, controls and indicators
- Load/unload flow control and control logic

#### BVR-M 2 unit construction:

- All electrical components and wiring per NEC Class I, Division II, Class B, C, & D
- All rotating equipment is fully protected with non-sparking guards
- All units receive a complete mechanical/control run test with documentation

#### Options:

- Controls and panels per customer preference
- Motor starters and/or VFD drives
- 2 or 3 piece distance piece and seal assemblies
- Sour gas trim for compressor available

*Price available upon request.*

*Application graphs and drawings available online and in general VentMaster brochure.*