



VMS E300

In Pursuit of Net Zero

Capture and sell tank vapor while actively managing tank pressures – a tank battery emission solution.

- Control tank battery pressure to minimize potential venting or vacuum conditions.
- Ensure that gas recovered meets pipeline specifications.
- Use of a blower avoids the need for a second VRU; uses existing compression assets.

The VMS E300 manages storage tank pressure and emissions by sending tank vapor into the suction line of a VRU compressor, rather than flaring or venting. ZerO₂ oxygen protection allows continued gas capture during times of oxygen contamination. The VMS also includes a makeup gas function to avoid a vacuum on tanks during loadout and to allow more consistent blower operation.

VMS E300 Specifications

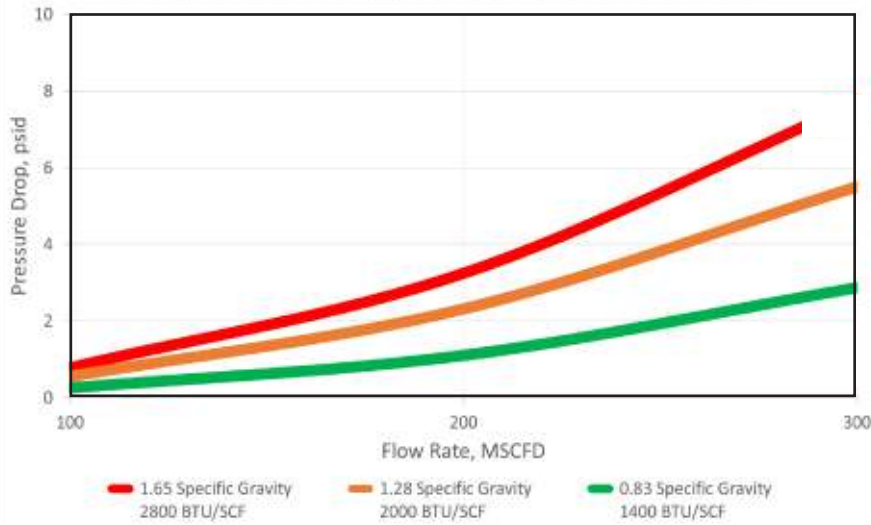
Flow Capacity:	300 MSCFD
Turndown Capacity:	4 : 1
System Discharge Pressure (VRU suction pressure):	1-10 PSIG
Power Supply:	3 Phase, 480VAC, 89 FLA
Max / Min / Nominal Power:	64 / 10 / 30 kW
24-Hour Remote Monitoring: . . .	Provided
Data Trending:	Provided
Footprint:	6'W X 15'L X 10'H

Unit Connections:

- Process Inlet: 3" 150# RFF
- Makeup Gas Inlet: 1" NPT
- Process Outlet to Sales: 3" 150# RFF
- Process Outlet Divert to Recycle or Flare: 3" 150# RFF
- Instrument Air Supply: 3/8" Compression



VMS E300 Pressure Drop for 8 PSIG Minimum Process Discharge



*Contact EcoVapor Engineering for VMS E300 pressure drop at different discharge pressures.

ECO VAPOR VMS E300

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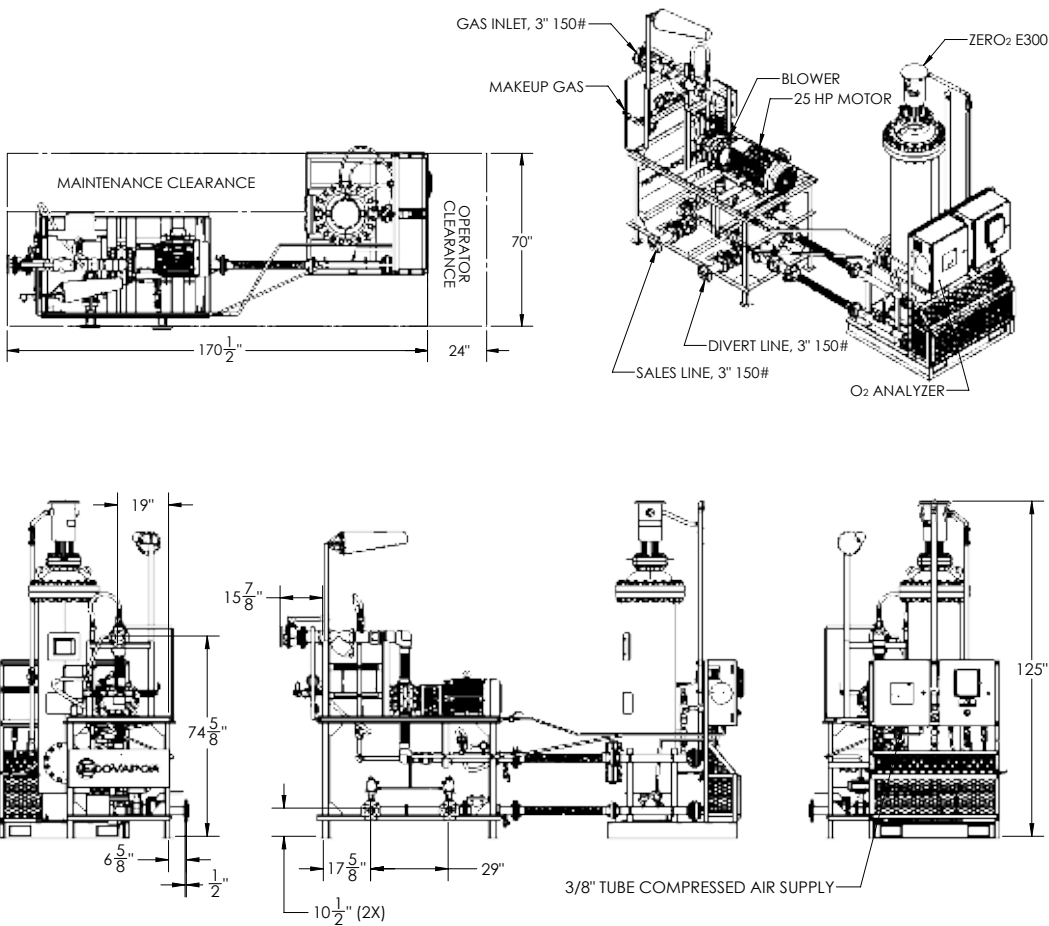
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