

DRYOXOTM

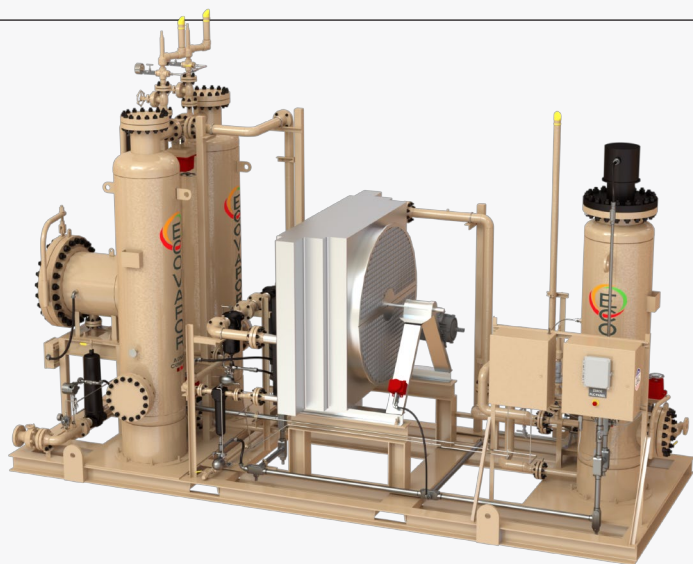
Oxygen and Moisture Removal System

Our reliable, patented Oxygen removal technology can be paired with a TSA to create an environmentally safe solution for eliminating both oxygen and moisture from biogas streams, including dairy, swine, and Landfill Gas (LFG) operations.

- Remove oxygen and moisture to meet the most stringent pipeline specifications
- Generate incremental revenue by upgrading biogas or LFG to valuable RNG
- As few moving parts as possible for high reliability
- Intuitive, practical design to facilitate ease of maintenance over competing solutions
- Easy and quick to scale up, or down, as your biogas volumes change

DryOxo E1200 Specifications

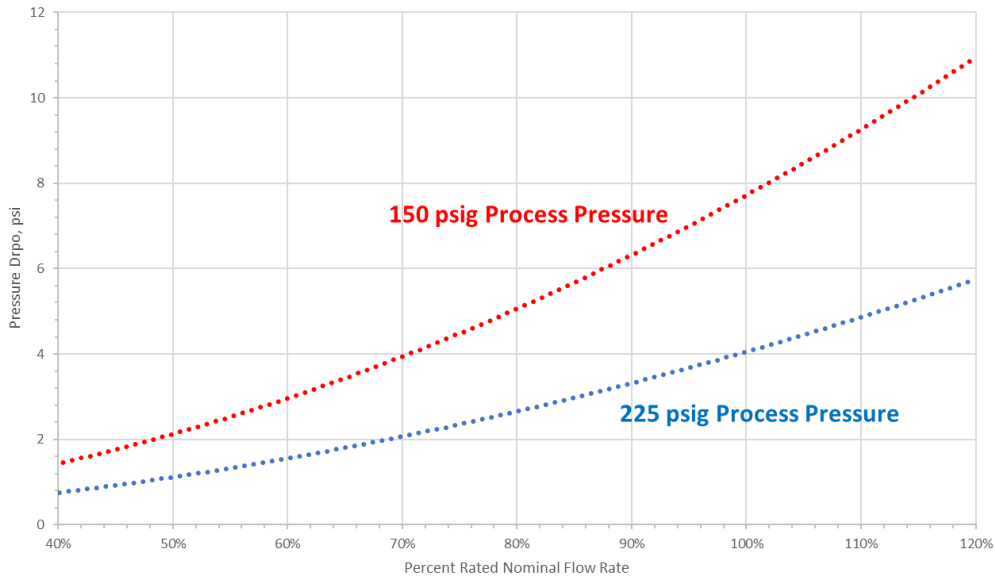
Flow Capacity	1,200 MSCFD / 833 SCFM
Connections	3" 300#
Operating Pressure	150 - 225 psig (max)
Design Pressure	250 psig
Weight	approximately 17,000 lbs
Dimensions	20 ft x 8 ft x 13 ft (L x W x H)
Power Requirements	480 VAC, 3 phase, 60 Hz, 250 FLA
Turndown	2:1
Max O ₂ at Inlet	15,000-17,500 ppm
H ₂ O at the inlet	no free liquids
Typical O ₂ at Outlet	0-10 ppm, < 5 ppm optional
Typical H ₂ O at outlet	7 lbs/MMSCF
Max H ₂ S at Inlet	2 ppm
Skid Hazard Classification	C1D2 (excl. 480 VAC Power Panel)
480 VAC Power Panel	remote-mounted, not rated for hazloc
Ambient Temp	80 F
Drying Media	Molecular Sieve



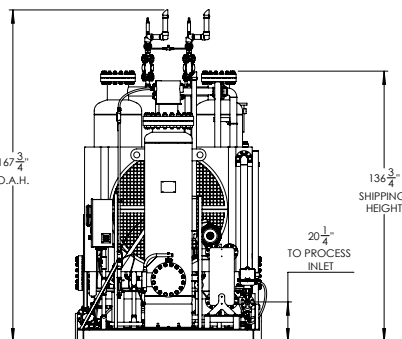
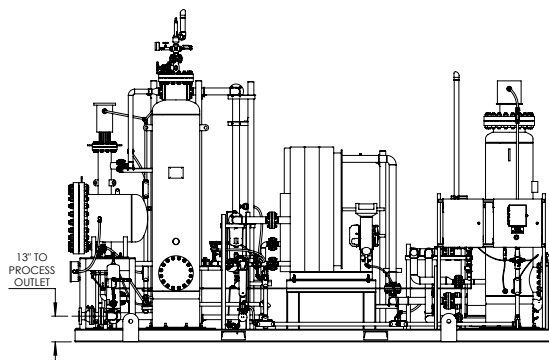
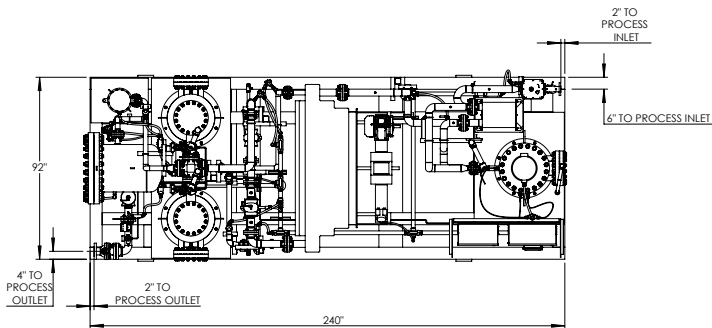
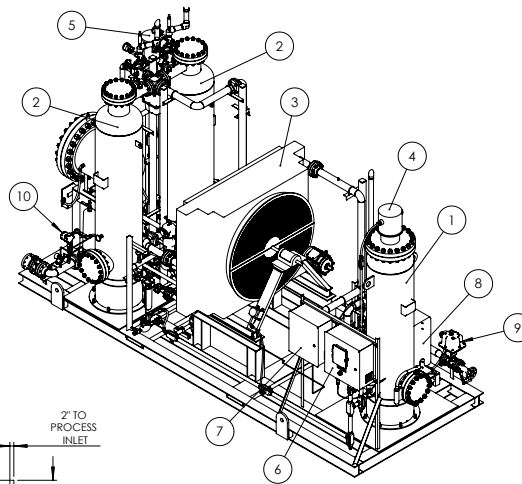
Features Include:

- All vessels manufactured and stamped per ASME Section VIII, Div. 1, NB registered
- 100% domestic structural steel
- Fully automatic, 100% closed loop regeneration cycle
- Insulated adsorber vessels and electric heater vessel for best thermal performance
- Coalescing pre-filter differential pressure indicator
- Remote monitoring included
- Discharge water content options for sub 7 lb/MMSCF down to < 5 ppmv

DryOxo Estimated Pressure Drop as a Function of Flow Rate



DryOxo E1200



DNOW
Run Stronger.

ECOVAPOR
A DNOW COMPANY

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