

ZERO₂
DRYOXO™
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 as well as 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

ZerO₂ DryOxo Specifications

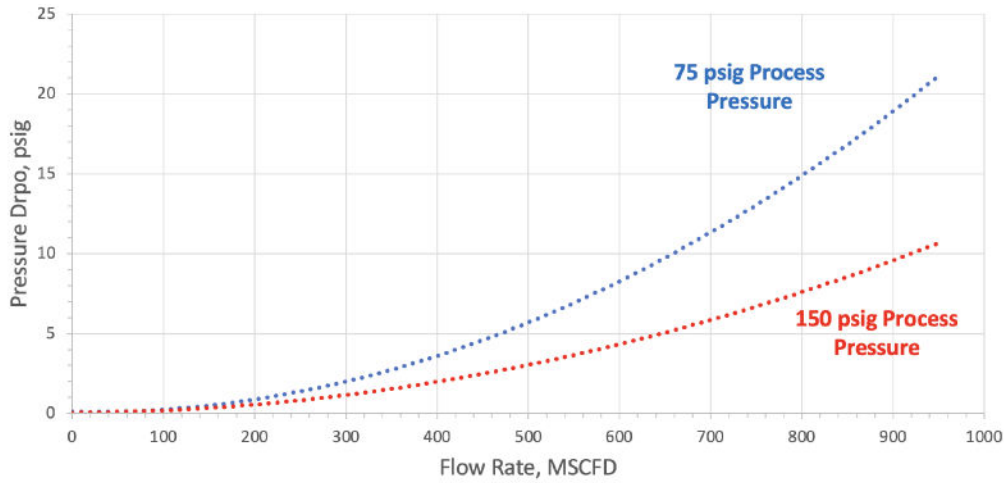
Flow Capacity	750 MSCFD / 520 SCFM
Connections:	2" 300#
Operating Pressure:	75 - 150 psig (max)
Design Pressure:	170 psig
Weight:	approximately 13,000 lbs
Dimensions:	13 ft x 8 ft x 13 ft (L x W x H)
Power requirements:	480 VAC, 3 phase, 60 Hz, 60kW, 134 FLA
Turndown:	2:1
Max O ₂ at Inlet:	15,000-17,500 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
Cooling water temp:	35-50 F
Drying Media:	Molecular Sieve



Skid 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 absorber vessels and electric heater vessel for best thermal performance
- Coalescing pre-filter and particulate after-filter complete with differential pressure indicators
- Remote Monitoring included
- Discharge water content options for sub 7 lb/MMSCF down to < 5 ppmv

ZerO₂ DryOxo Typical Pressure Drop as a Function of Flow Rate



DNOW
Run Stronger.

ECOVAPOR
A DNOW Company

Corporate Office

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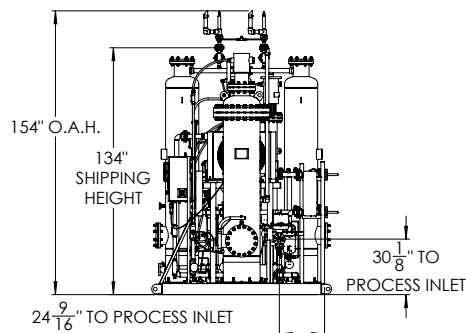
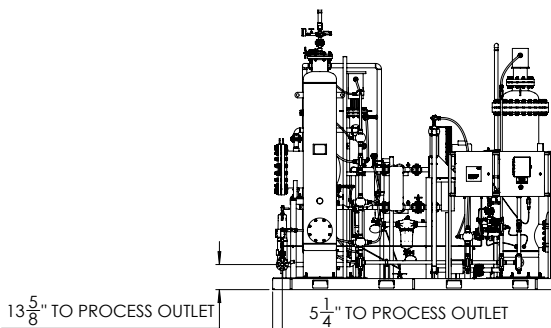
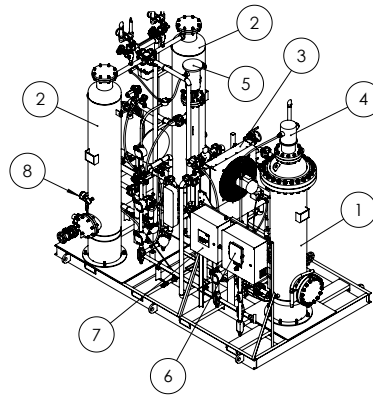
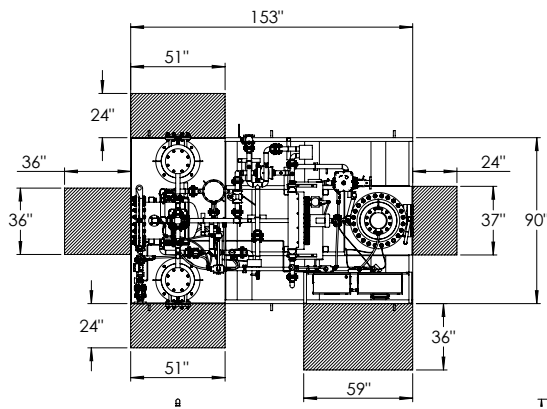
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