



Fast Degas CO₂ System

APPLICATIONS:

The Lectrodryer Fast Degas CO₂ System allows for quick degassing of the generator while preventing lines from clogging due to ice forming as a result of CO₂ expansion. The Fast Degas CO₂ System helps reduce the time and cost involved during outages by allowing the generator to be degassed and brought back online much more rapidly. This system also provides an important safety benefit by rapidly blanketing the generator with inert gas in times of upset conditions or emergency situations.

PERFORMANCE:

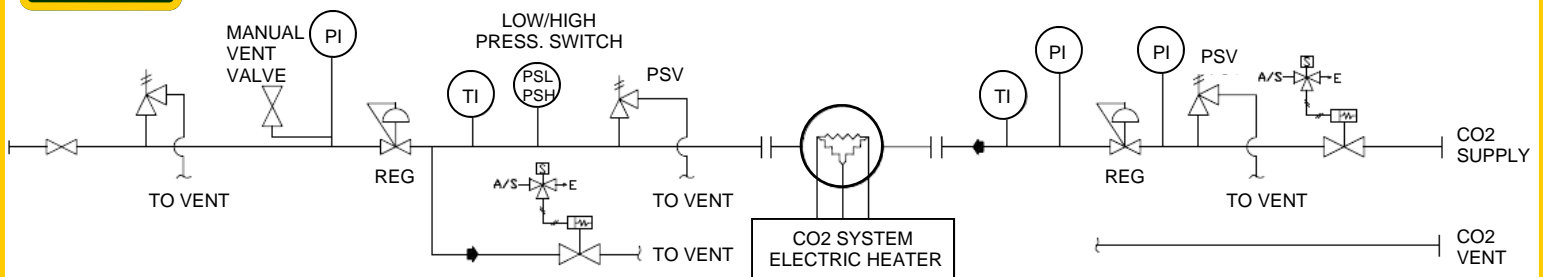
The Lectrodryer Fast Degas CO₂ System has the ability to deliver 370 NCMH* (220 SCFM*) of CO₂ to the generator. The CO₂ System controls the CO₂ pressure and heats the gas. This system is designed to maintain a minimum temperature where the CO₂ is completely evaporated and at a state where further depressurization will not form solid particles or extremely low temperatures.

FEATURES:

- NEMA 4 with optional Type Z purge to meet Class 1, Division 2, Group B, C, D
- Oversized Heater
- 1" 1,500# (25 DIN, 100 PN) Inlet Flange
- Heater Controller
- 5 Alarm Setup:
 - Shut Down Alarms
 - Dual High Temperature Alarms
 - Dual Low Temperature Alarm
 - Low Pressure Alarm
- The CO₂ System is also available in an ATEX version
- *For maximum flow 2" (50 DIN) piping and vent are required



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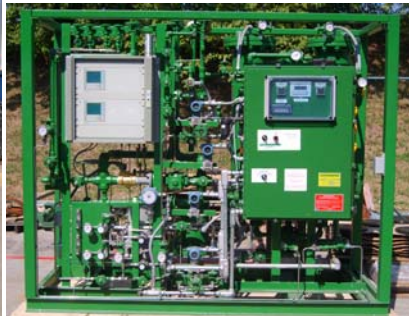


Lectrodryer Power Sector Products

Hydrogen Cooled Generator Auxiliaries

Hydrogen is used to cool large stationary generators because of hydrogen's high heat capacity and low density. It is vital that hydrogen remain dry in order to maintain these properties and prevent damage to the generator.

Lectrodryer's BAC-50 hydrogen dryer is a continuous automatic operating unit that guards against damage causing moisture which can lead to costly repairs and extensive down time. The BAC-50 reduces maintenance and minimizes operator involvement. Lectrodryer also offers the GEN AUX, which incorporates and unifies the typical generator auxiliaries. The GEN AUX can be tailored to meet customer specifications including such components as the BAC-50 dryer, gas control piping, continuous generator monitoring, generator purity monitoring, and liquid level detectors.



Landfill Gas

The Lectrodryer Landfill Gas Compression System is designed to compress, clean, and deliver a volume of landfill gas at a specified pressure and quality. The LGCS strives for efficiency, one that minimizes initial cost and seeks to operate at the lowest possible horsepower.



Lube Oil/Air Tanks

Lectrobreather tank vent dryers prevent atmospheric moisture from entering storage during "breathing" due to ambient temperature changes and draining periods. Valuable oils and chemical solutions remain free of water contamination.



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