Generator Gas Dryer III

Generator Gas Dryer III can be customized to fit the needs of your monitoring system with optional output relays and output signals. GGD III offers the same quality and reliability you expect from E/One.

SPECIFICATIONS

MEASUREMENT CHARACTERISTICS

Technology Principle	Molecular sieve as a drying medium
Typical Flow Rate	8 – 12 ACFM, Hydrogen
Typical H2 Consumption	36 ft³ (1 meter³) per Regeneration

ELECTRICAL CHARACTERISTICS

Input Voltage	230 VAC Single Phase
Input Frequency	50 or 60 Hz
Input Power	3,000 Watts
Output Relays	.5A @ 250 V AC/DC * Dew Point High, NO Trouble, NO
Output Signals	4-20 mA current output (self-powered) * Inlet Dew Point * Outlet Dew Point
Area Classification	Class I, Zone 2, Group IIB + H2

** Optional*

MECHANICAL CHARACTERISTICS

Ambient Temperature	32 F to 125 F (0 to 52 C)
Maximum Pressure	100 psi
Overall Dimensions	70" H x 24" W x 36" D
Inlet & Outlet Connections	1" female NPT
Vent Connection	1/2" female NPT

E/One's Generator Gas Dryer (GGD III) is a dual-chamber system that continuously dries and recirculates generator cooling gas – even when the generator is on turning gear, which is a critical time to maintain low dew point.

Column regeneration is automated and takes place based on programmable, optional inlet and outlet dew point levels or programmable, time-based regeneration (from 1 to 30 days).

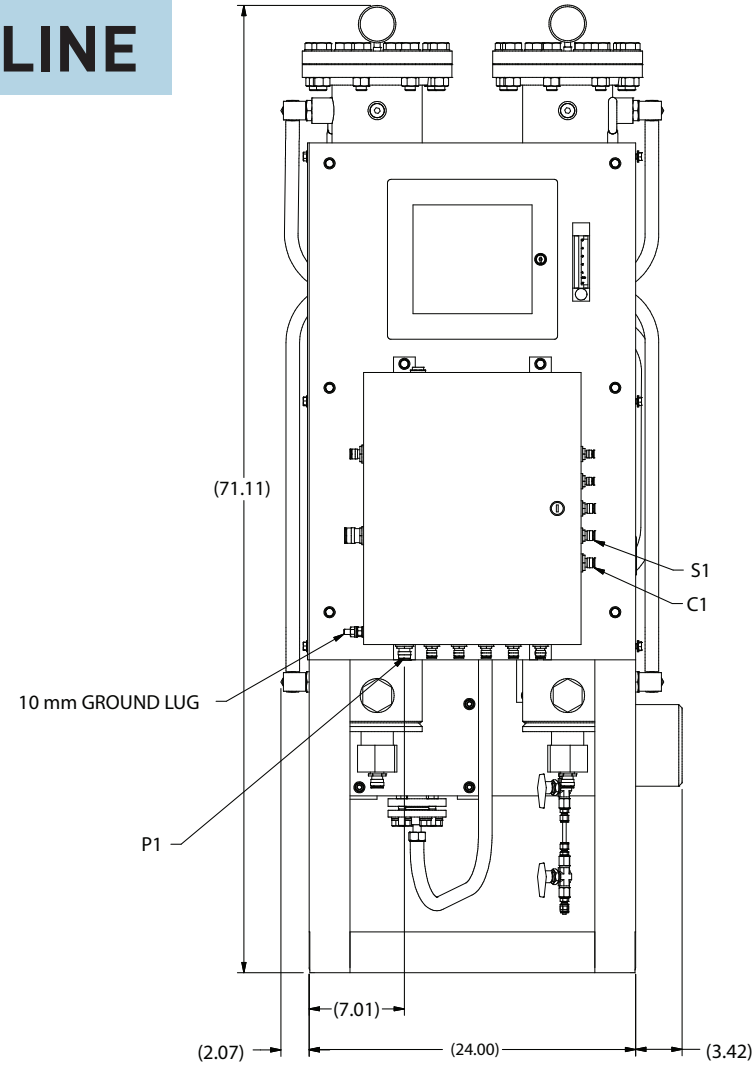
Contact E/One to arrange a dew point site evaluation by our Field Service technicians. We'll sample your hydrogen cooling gas with NIST traceable portable dew point and hydrogen purity analyzers and then issue a report to site engineering regarding our findings.

FEATURES AND BENEFITS

- Regenex™ column regeneration — less than 1 m³ hydrogen consumption per regeneration
- Increased generator efficiency and reduced downtime
- Comprehensive water and contaminant removal
- Microprocessor controlled
- Designed for hazardous location operation
- Self-monitored drying process
- 230 VAC, single-phase power required
- Positive displacement blower

e|one UTILITY SYSTEMS Generating Solutions™

OUTLINE



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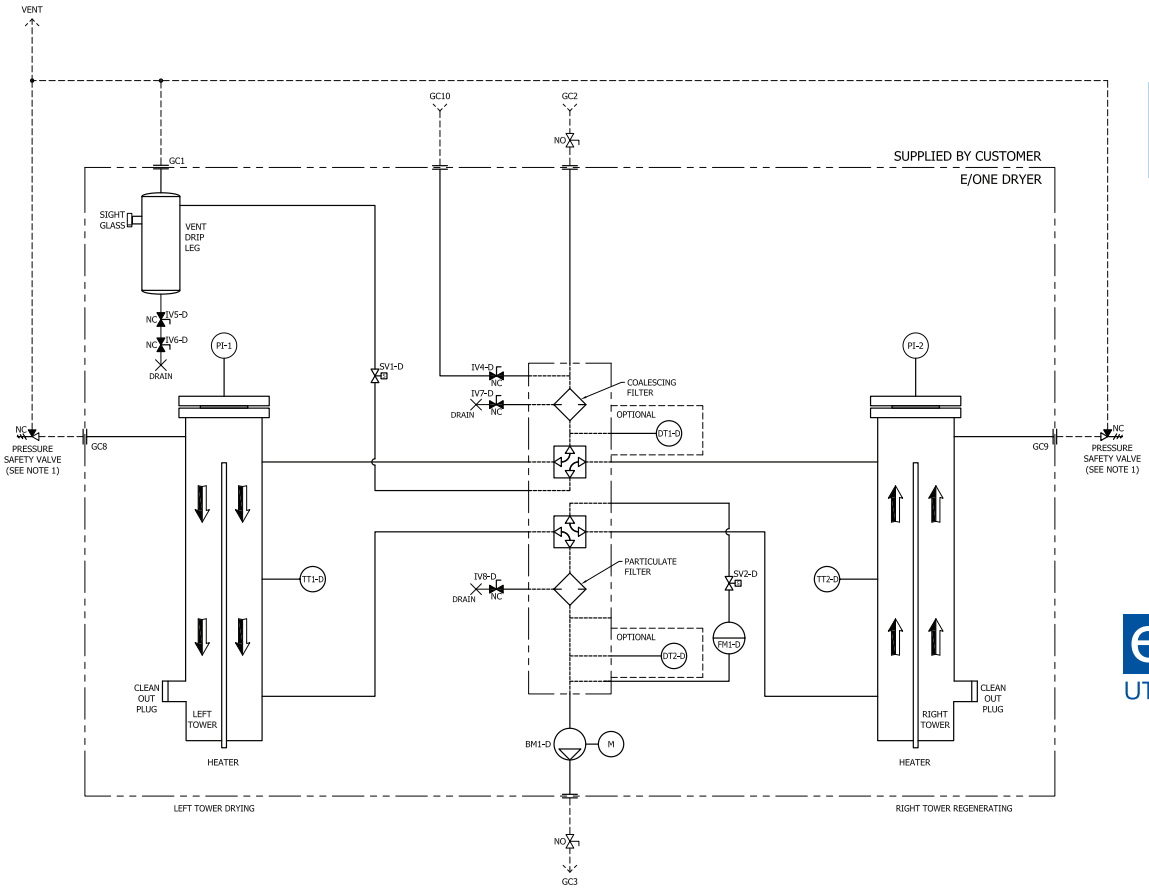

Environment One Corporation
Utility Systems
2773 Balltown Road
Niskayuna, NY 12309 USA
Voice: 518.346.6161
Fax: 518.346.4382
www.eone.com/solutions

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