

GAS STATION:

Generator Gas Analyzer (GGA)

Auxiliary Panel (AUX)

SPECIFICATIONS

GENERATOR GAS ANALYZER (GGA)

Technology:	Thermal Conductivity
Operation:	70% to 100% H2 in Air
Purge:	0 to 100% H2 in CO2 0 to 100% Air in CO2
Flow Rate:	Nominal 500 cc/min
Resolution:	± 0.1%
Accuracy:	± 0.5% F.S. H2 in Air ± 1.0% F.S. H2 in CO2 ± 1.0% F.S. Air in CO2
Linearity:	± 1.0% F.S.
Drift:	< 0.2%/month

AUXILIARY PANEL (AUX)

Inputs:	Up to 2 analog, 0-100% Up to 16 discrete
Switches:	Site specific, up to 3

- Additional options available -

ELECTRICAL CHARACTERISTICS

Input Voltage:	115 VAC (230 VAC available)
Input Frequency:	50/60 Hz
Outputs:	Three 4-20 mA signals Eight relays

MECHANICAL CHARACTERISTICS

Temperature:	32-140F (0-60C)
Relative Humidity:	0-95%
Gas Pressure:	100 psi maximum
Calibration Gas Connections:	¼" Compression
Fan Pressure/Suction:	½" Compression
Paint:	Powder Coat, Blue
Area Classification:	Class 1, Zone 2 Group IIB + H2

E/ONE'S GGA/AUX GAS STATION combines continuous gas purity monitoring with site-specific annunciation and auxiliary monitoring. E/One has optimized the auxiliary features to offer an economical, fast lead time solution to the unique requirements of any power plant. This GAS station incorporates international requirements for hazardous area locations and is available in an open frame or NEMA 3R configuration.



OPEN FRAME CONFIGURATION



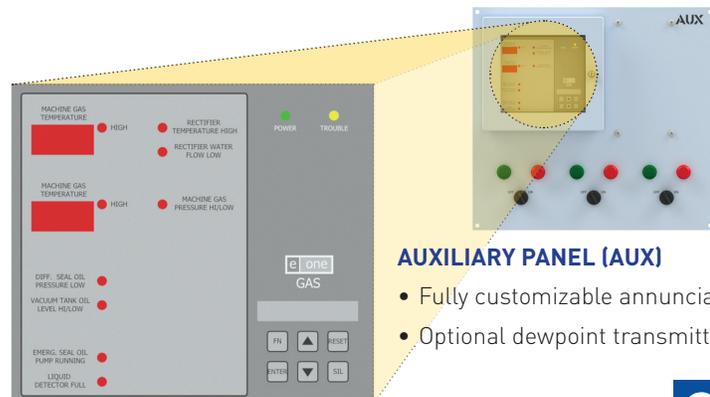
NEMA 3R CONFIGURATION



GENERATOR GAS ANALYZER (GGA)

- Microprocessor controlled with self-diagnostics
- Differential pressure and Case pressure indicating transmitters, ranged for site specific needs*
- Triple range (normal operation and purge)
- Best in class accuracies with minimal drift

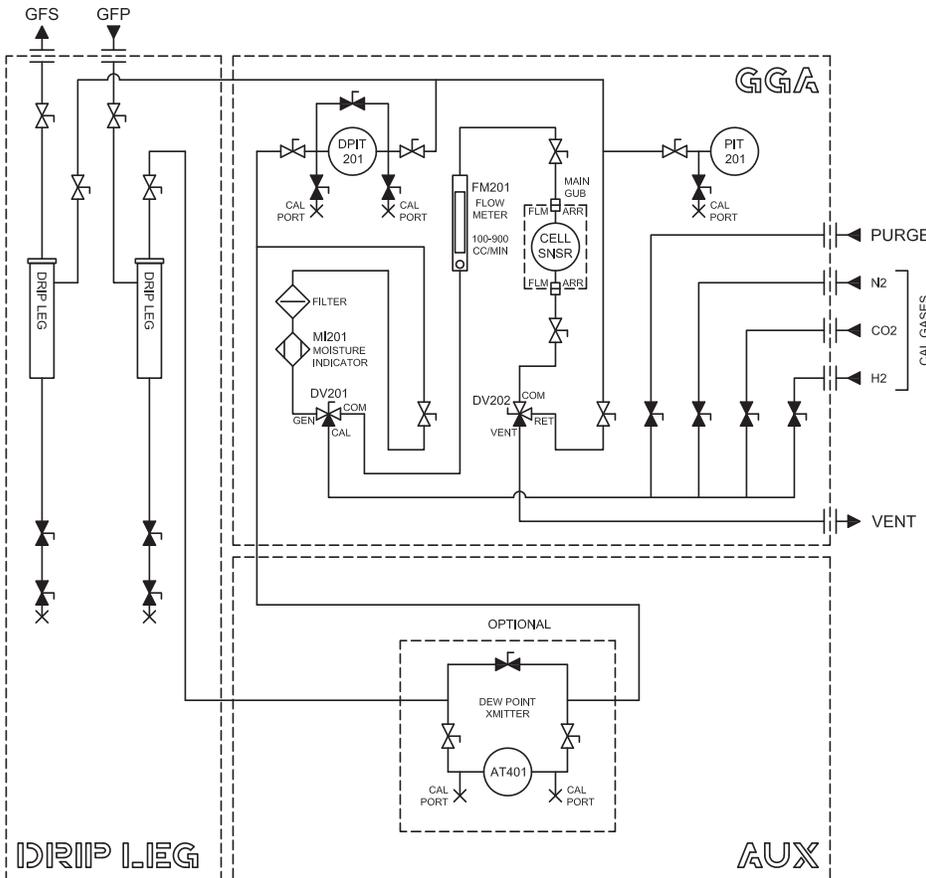
*Also available in dual gauge/dual transmitter version



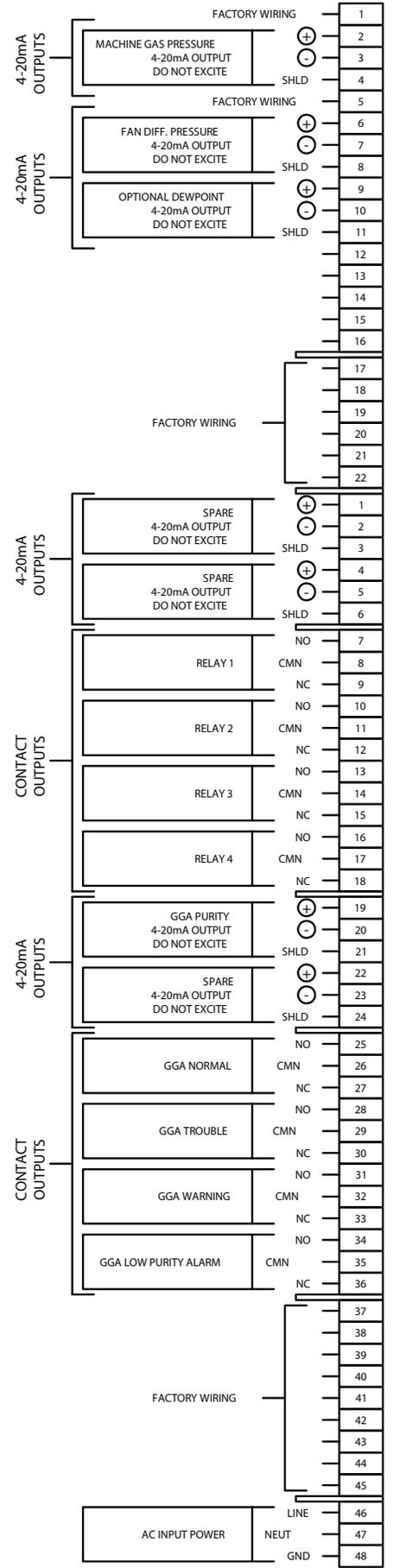
AUXILIARY PANEL (AUX)

- Fully customizable annunciator display
- Optional dewpoint transmitter and display

P & ID



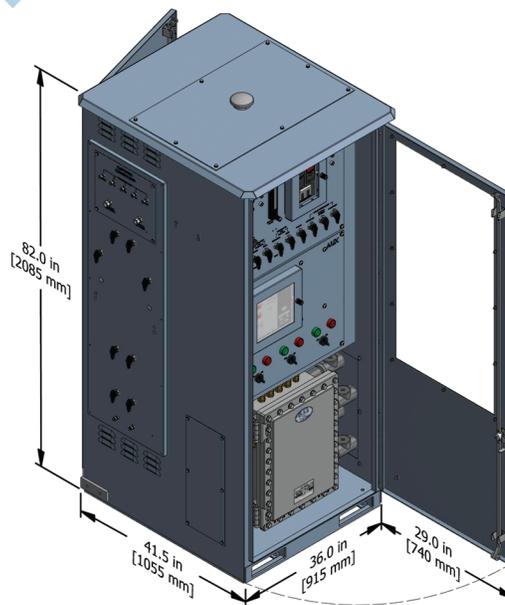
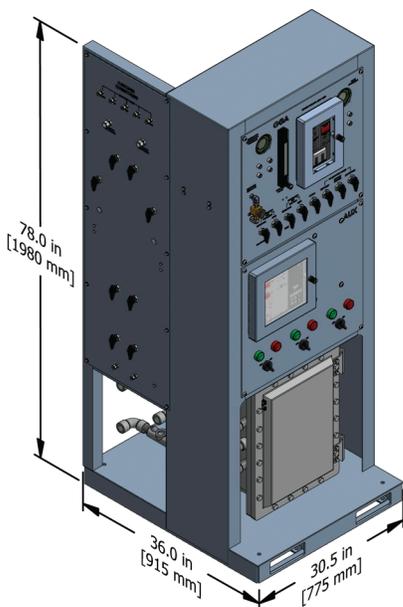
CUSTOMER INTERFACE



OPEN FRAME, LEFT DRIPLEG CONFIGURATION

OUTLINE

NEMA 3R, LEFT DRIPLEG CONFIGURATION



Door swing on NEMA enclosure is typical for both front and rear doors. Dimensions are for reference only and do not include recommended clearances. Contact E/One for detailed outline drawings.