**GAS STATION:**

**Generator Gas Analyzer (GGA)**

**Auxiliary Panel (AUX)**

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### 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:** 32-140°F (0-60°C)
- **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

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**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.

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**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
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.