



# SUBMITTAL DRAWING



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## AMC-1AVCs

### Combination CO/NO<sub>2</sub> Monitor

The AMC-1AVCs Gas Monitor provides an all-in-one monitoring package for mixed vehicle applications. Incorporating state of the art sensing technology and micro-controller based design; it provides accuracy, durability, and ease of use within a compact package.

The monitor delivers low cost and versatility, turning even the simplest job into big savings. It incorporates a robust enclosure designed to provide optimal gas flow ensuring optimum response.

#### SPECIFICATIONS

**Sensor Types:** Electrochemical

**Enclosure:** ASA 61 gray enameled 16 gauge steel

**Supply Voltage:** 120 VAC, 60 Hz

**Relay Contacts:** Two DPDT 10A @ 250 VAC Res.  
max relays, for two thresholds

**Calibration:** 0-100 ppm CO / 0-10 ppm NO<sub>2</sub>

**Alarm Points:** 25 & 100 ppm CO, 1 & 3 ppm NO<sub>2</sub>

**Dimensions:** 20.32cm H x 20.32cm W x 12.70cm D  
(8" x 8" x 5")

**Weight:** 4.54 kg (10 lb)

**Operating Temperature:** -20°C to 40°C (-4°F to 104°F)

**Monitor Warranty:** Two years

**Sensor Warranty:** 3 years (CO) / 1 year (NO<sub>2</sub>)

**Typical Sensor Life:** 5 years (CO) / 3 years (NO<sub>2</sub>)

**Indicators (per Gas):**

Red LED – Alarm

Yellow LED – Warning

Green LED

- LED On – Run
- LED Flashing – Fault
- LED Off – Off

**Typical Coverage Area:** 7500 sq. ft.

**Recommended Mounting Height:** 4-5 ft. A.F.F.



#### Features

- Eligible for the EZ Cal Sensor Exchange Program
- 4-20 mA Output per Gas
- Selectable 4-20 mA, 0-10 VDC, 2-10 VDC Output of the peak gas concentration can be tied back to variable drives and fan motors for significant energy savings over traditional "all or nothing" ventilation strategies
- User selectable:
  - Activation delays, five minutes for Warning and/or Alarm set points
  - Minimum Run Timer
- 95 dBA Audio alarm with Warning and/or Alarm set points
- Optional Concentration Displays

**BUILT WITH 100% GREEN ELECTRICITY**



**AMC-1AVCsv INTERNAL VIEW**

