



TYPICAL SPECIFICATIONS FOR ACMECO2-EN-24/120/240 MONITOR CONTROLLER

1 GENERAL

- 1.1 Supply and install as per drawings ACME model CO2-EN-24/120/240 single point stand-alone Carbon Dioxide monitor controller.
- 1.2 Unit shall have corrosion proof gasketed enclosure for wall mounting and including the following : a regulated power supply, non-dispersive infra-red long life CO2 analyzer, remote sampling head with replaceable filter, sampling flow visual indicator with flow adjustment and a cartridge filter upstream of the analyzer.

2 OUTPUTS & DISPLAYS

- 2.1 Unit shall provide four factory-set levels of control, typically set at 600, 800, 1000 and 1200PPM CO2.
- 2.2 Green, amber and red LED lights shall display operation of relays at above levels.

3 OPTIONS

- 3.1 Proportional analog outputs (4-20mA DC.output) shall be according to the CO2 concentration over the detection range.
- 3.2 Unit shall have a digital display read-out indicating the measured CO2 PPM levels.

4 FACTORY TESTING & LISTING

- 4.1 Equipment shall be run for one week at the factory fully operational on simulator prior to shipment to the field. Records of testing shall be submitted to the engineers.
- 4.2 Equipment shall be ETL listed.

5 FIELD VERIFICATION

- 5.1 After the equipment has been put into operation, the owner-operator shall select the worst condition time for verification. The ACME representative shall come to the site at the specified time to verify the installation and system operation. A report shall be given to the engineers.