



LA CITY APPROVAL
498324

Applications

- Enclosed Parking Garages
- Factories/Warehouses
- Boiler/Generating Rooms
- Vehicle Maintenance Facilities
- Tunnels
- Fire/Police Stations
- Bus Terminals & Depots
- Car Dealerships
- Rail Stations
- Sallyports
- Service Bays
- Utility Plants

Benefits

- Offers 10,000 Square Feet of Coverage
- Effortless Installation of Single or Multiple Controllers
- Immediate Energy Savings Recognized After Installation
- No Programming or “Burn-In Time” Required
- Gas Specific Sensors equal No False Alarms
- Maintenance Free Operation
- Non-Intrusive Calibration Procedure
- Adjustment Free, One Person Calibration Procedure
- Reliable & Flexible Monitoring System

Conspec's 911154 Ventilation Fan Controller Series is based on OSHA guidelines and various National, State, or Local Buildings Codes designating that areas where toxic gases exist or may accumulate must be continually ventilated or have a gas monitoring device installed. In the event that an unsafe level of Carbon Monoxide is detected, the monitor will signal ventilation fans to cycle and operate until the area's atmosphere returns to a safe level. Electricity and heating expenses will be dramatically reduced because ventilation fans are only operating when needed as opposed to constantly. Energy savings of up to 85% can be achieved, and in most cases the return on the cost of the system could be realized in 1-year or less.

A single controller will provide up to 10,000 square feet of protection. Multiple controllers can be installed and easily connected without the need for a central panel by a simple series connection of the controllers. LED indicator lights clearly show the status of the monitor and a large LCD display continually shows the CO levels being monitored. After a power loss or in the event of a malfunction, the controller activates the ventilation system.

Key Features

- Bright LCD Display
- Self Diagnostic Testing
- Onboard Audible 80db Alarm
- Onboard Relay Contacts
- Temperature & Humidity Compensated
- Full 2 Years Limited Warranty
- Automatic Reset After Power Loss
- LA City Approved
- 5 Year Sensor Life

Available Options

- UP99 Infrared Handheld Programmer
- P1879-CO/VC Calibration Kit

Specifications

Mechanical

Enclosure: NEMA 4X Non-Metallic (UL & CSA Approved)

Dimensions: 4.3"x2.2"x3"

Weight: 1.2 Pounds

Mounting: 4" Electrical Junction Box (Mounting Plate Included)

Conduit Entry: ½" Through Cover Plate

Environmental

Operating Temperature: -4°F to 120°F (-20°C to 50°C)

Temperature Compensation: Full Temperature Range

Operating Humidity: 10% to 90% RH Non-Condensing

Electrical

Operating Voltage: 24VAC

Cable Requirements: Cable Harness Included

Current Consumption: 0.1A Maximum

Output: Two 2A, 30VDC SPDT Relay (Fan, Alarm)

System

Sensor Type: Electrochemical

Sensor Range: Carbon Monoxide 500ppm

Sensor Life Expectancy: 5 Years

Response Time: < 30 seconds, 90% Final Level, Using 250PPM Gas

Repeatability: +/- 2 % at 250PPM Calibration Point

Display: Two Line, 8 Character Alphanumeric LCD Display

Linearity: +/- 5% Over 0 to 500PPM Range

Alarm Set Point #1: CO 35ppm

Alarm Set Point #2: CO 200ppm

Audible Alarm 80db @ Three Feet

Relay Contact Rating: SPDT Relay Contacts (Rated 30VDC @ 2A)