



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 P2621 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.

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

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 LED Status Indicators
- Fail-Safe Operation
- Long Sensor Life
- Automatic Reset After Power Loss
- Temperature & Humidity Compensated
- Full 2 Years Limited Warranty
- LA City Approved

Specifications

Mechanical

Available Options

- P2621P Programmer Box
- P1907 SPDT Relay Contact
- P1907-1 DPDT Relay Contact
- P3010 Enclosure Mounted Heater
- P1246-2 Rain Shield
- PS110 AC Power Supply
- P1879-CO/VC Calibration Kit
- P1879-NO2/VC

Ordering Information

- P2621-CO/VC Carbon Monoxide Ventilation Fan Controller
- P2621-NO2/VC Nitrogen Dioxide Ventilation Fan Controller

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

Dimensions: 8"x6"x3"

Weight: Approximately 4 Pounds

Mounting: 4 Holes (4" center to center)

Conduit Entry: One (¾" Cable Grip)

Environmental

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

Temperature Compensation: Full Temperature Range

Operating Humidity: 10% to 95% RH Non-Condensing

Electrical

Operating Voltage: 24VAC (Optional 24VDC or 120VAC)

Cable Requirements: 4-Conductor 18 AWG Suggested

Current Consumption: 100mA nominal

Output Signal: Linear 4-20mA

System

Sensor Type: Electrochemical

Sensor Range: Carbon Monoxide 500ppm, Nitrogen Dioxide 20ppm

Sensor Life Expectancy: 2+ Years

Response Time: <40 Seconds to T90

Modes: Two (Calibration & Normal)

Display: Three Digit Liquid Crystal Display

Status LED's: Green - Power; Yellow - Fan; Red - Alarm; Red - Sensor Fail

Alarm Set Point #1: CO 35ppm, NO2 1ppm

Alarm Set Point #2: CO 200ppm, NO2 3ppm

Audible Alarm: 80db @ Three Feet

Relay Contact Rating: SPDT Relay Contact (Rated 240VAC @ 10A)

Sales Representatives & Distributors



CONSPEC®

CONSPEC Controls, Inc.

6 Guttman Blvd. • Charleroi, PA 15022
toll free: 1 (800) 487-8450 • fax: 1 (724) 489-9772
e-mail: sales.usa@conspec-controls.com
web site: www.conspec-controls.com