ENVIRCO
Innovators in clean air technology

■ Zephyr Console Introduction

Envirco's Zephyr series intelligently provides fan filter unit control and sensor monitoring in an easy-to-use, wall mounted package. The Zephyr series consists of two touch-screen sizes of 3.5" and 7". It can provide individual, group, or global commands up to 100 units and 6 - 12 groups depending on model. It can accomodate all MAC 10® units with network control cards.

Typical Applications

The Zephyr is designed for small to medium sized clean space environments that require fan filter unit control and monitoring. Sensors are available to monitor room pressure, temperature, or relative humidity through the Distributed Sensor Modules (DSM).

■ Standard Features

- Control and monitor up to 100 FFUs
- Adjusts and displays setpoint and unit status
- Individual, group, and global commands
- Field configurable, up to 6 - 12 groups
- RPM/tachometer feedback
- Seven-day clock calendar for automating run, stop, and setback settings
- Sensor monitoring and feedback through DSMs
  - Up to 6 sensors
  - Room Temperature & Relative Humidity
  - Room Pressure
- Central monitoring of room sensors
- Panel-mounted console

■ Specifications

- Zephyr 2: LCD Display, white LED backlit
  - 3.5" display
  - Display resolution: 320 x 240 pixels
- Zephyr 3: LCD Display, white LED backlit
  - 7" display
  - Display resolution: 800 x 480 pixels
- Power supply provided in panel box
  - Powered by customer supplied 115 VAC
  - RJ45 coupler included for easy connection
- NEMA 1 Steel Enclosure
  - Painted White
  - 14" x 12" x 4"
  - Key latch for security

Distributed Sensor Modules

Envirco's Distributed Sensor Modules (DSM) seamlessly integrate with the Zephyr consoles and allow for environmental monitoring for cleanroom systems in a complete, modular, and easy-to-use package.