ENVIRCO
Innovators in clean air technology

PRODUCT DATA SHEET

■ 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 three touchscreen sizes of 3.5", 7", and 12.1". It can provide individual, group, or global commands and has the ability to display and monitor pressure and temperature sensors. 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).

■ Features

- •Adjusts and displays setpoint and unit status
- •Individual, group, and global commands
  - Zephyr-100, 100 FFUs, 6 groups
  - Zephyr-120, 120 FFUs, 12 groups
  - Zephyr-200, 200 FFUs, 16 groups
- •RPM/tachometer feedback
- •Data-logging
- •Remote Access & E-mail alarm notification
- •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, & Pressure
- •Panel-mounted console
- •Option: BMS Information Exchange inlcuding BACnet IP/MSTP

■ Specifications

- •Zephyr-100: LCD Display, white LED backlit
  - 3.5" display
  - Display resolution: 320 x 240 pixels
- •Zephyr-120: LCD Display, white LED backlit
  - 7" display
  - Display resolution: 800 x 480 pixels
- •Zephyr-200: LCD Display, white LED backlit
  - 12.1" 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.