

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 accommodate all MAC 10® units with network control cards.

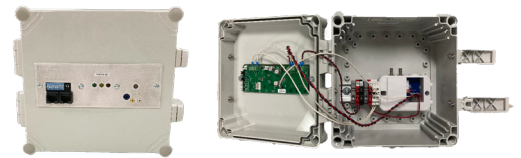


Typical Applications

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).

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.



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 set-back settings
- Sensor monitoring and feedback through DSMs
 - Up to 6 sensors
 - Room Temperature, Relative Humidity, & Pressure
- Panel-mounted console
- Option: BMS Information Exchange including 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

Part No.	Model No.	FFUs	Groups	Defining Feature	Display	BACnet
271100-001	Zephyr-100	100	6	RPM feedback, group control, room sensor capability	3.5" touchscreen	no
271100-002	Zephyr-120	120	12	RPM feedback, group control, room sensor capability	7" touchscreen	no
271100-003	Zephyr-200	200	16	RPM feedback, group control, room sensor capability	12.1" touchscreen	no
271100-901	Zephyr-100BGW	100	6	RPM feedback, group control, room sensor capability	3.5" touchscreen	yes
271100-902	Zephyr-120BGW	120	12	RPM feedback, group control, room sensor capability	7" touchscreen	yes
271100-903	Zephyr-200BGW	200	16	RPM feedback, group control, room sensor capability	12.1" touchscreen	yes