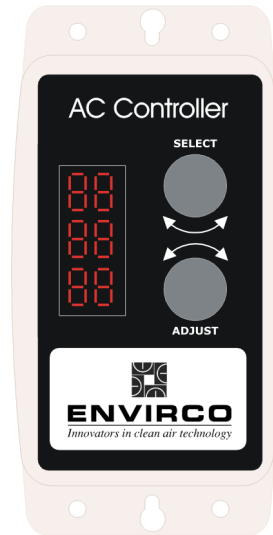


Overview

The **Envirco AC Controller** is a simple and economical controller box for controlling and monitoring a network of phase speed controls up to 50 speed control units.

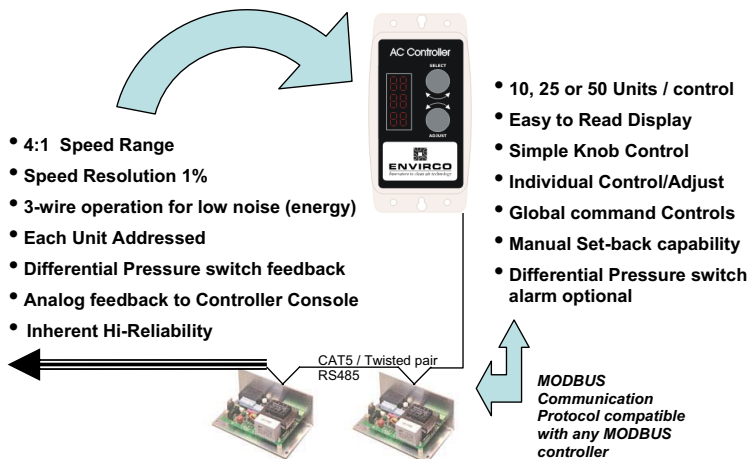
The controller will have two modes of operation. In general, the unit will be scanning the attached speed controls and monitoring their unit function. Upon entering a special code into the unit, the supervisor (or installer) can enter the selection mode and change speeds, turn-on feedback function and initiate and set the speed set-back function. The performance of the speed control units, therefore, can only be adjusted by someone authorized to enter the ADJUST Mode.

The user will be able to choose the desired unit and then the particular operation desired (increase speed, decrease speed etc.). The system also provides key features including a global setting for all units for set-up, manual speed set-back mode and pressure switch status feedback (for differential pressure switch feedback connected to each speed control).



| Model Number | # of Units |
|--------------|------------|
| ACC1-10 | 10 |
| ACC1-25 | 25 |
| ACC1-50 | 50 |

Envirco AC Control System Features



Main functions addressed by this Controller Console

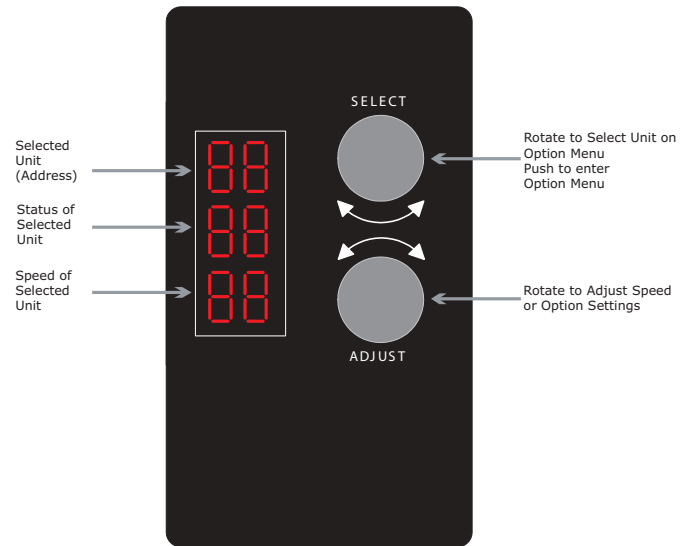
- Monitor or ADJUST Mode (Access Level A4)
- Setback setting to hi-low (Access Level A3)
- Set speed of each unit (Access Level A2)
- Set-back speed (global) setting (Access Level A2)
- Differential pressure switch monitoring (Access Level A1)
- Global command for entire zone (Access Level A1)

Easy to set-up; Easy to use: The Envirco AC Controller communicates through a Standard RJ45 connector to the speed control units. The controller connects to the first unit which is then daisy-chain connected to the other units. Upon start-up the controller scans the units on the network and then monitors the units on the line. By watching the controller scroll through the units on-line it is easy to identify if a speed control unit is not connected properly.

For assistance call 800-545-6598

Features

- Wall-mount Control Console
- 3 levels of authority (Monitor, 3 levels of ADJUST)
- Simple User Interface
 - o 7-segment LED display
 - o 2 Rotary encoders for unit selection and adjustment
- Supports small to medium size phase control networks
 - o RS485 (2 wire)
 - o 10, 25 or 50 AirCare VariPhase™
- No installer configuration required
- Performs Three Functions
 - o Status Monitoring
 - o Speed Adjustment
 - o Global Set-back Speed Adjustment



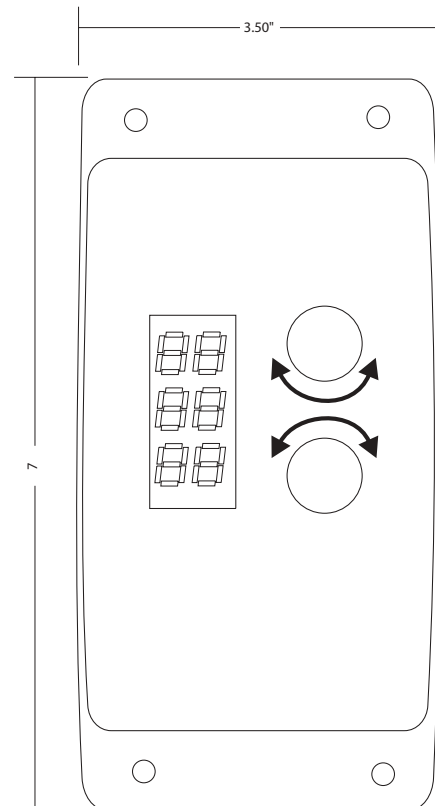
Specifications

- Supply Voltage : An AC adapter converting 115 or 230 volt AC to 6-8Vdc into the console - adapter provided with the Controller Console
- Network transceivers : 2-wire 1/8" unit load type
- Operating Temperature : 0-40degC
- DC Power Connector : 2.1mm DC power jack
- Modbus network : RJ45 socket

Access Levels

To restrict access to functions other than monitoring, the Controller Console implements access levels. Level 1 carries the greatest privileges.

| Access Level | Description |
|--------------|---|
| A1 | Operator can provide global commands, configure pressure switch feedback, and all A2 authority functions. |
| A2 | Operator can set individual unit speed and adjust Global Set-back % level along with all A3 authority functions |
| A3 | Operator can monitor and select Global Set-back on/off |
| A4 | Operator can only monitor status of the Variphase network. |



Mechanical Drawing