

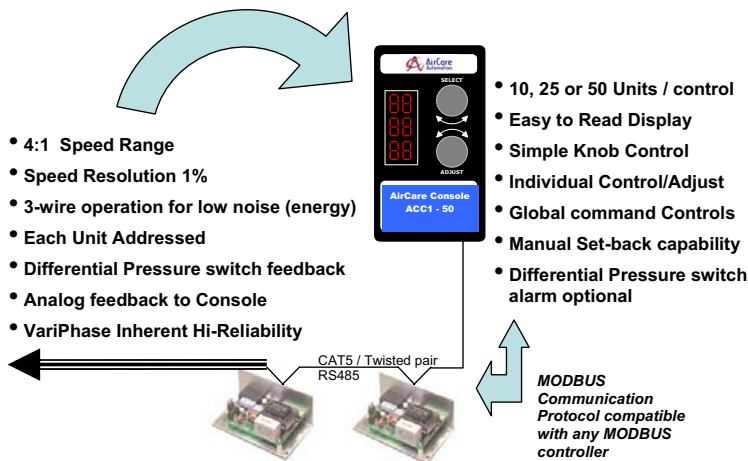
Overview

The *AirCare Small System Console* is a simple and economical controller box for controlling and monitoring a network of AirCare VariPhase™ speed controls up to 50 units.

The Console will have two modes of operation. In general the unit will be scanning the attached VariPhase™ units 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 VariPhase 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 AirCare VariPhase™).

AirCare VariPhase™ Small System Features



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

Main functions addressed by this Console

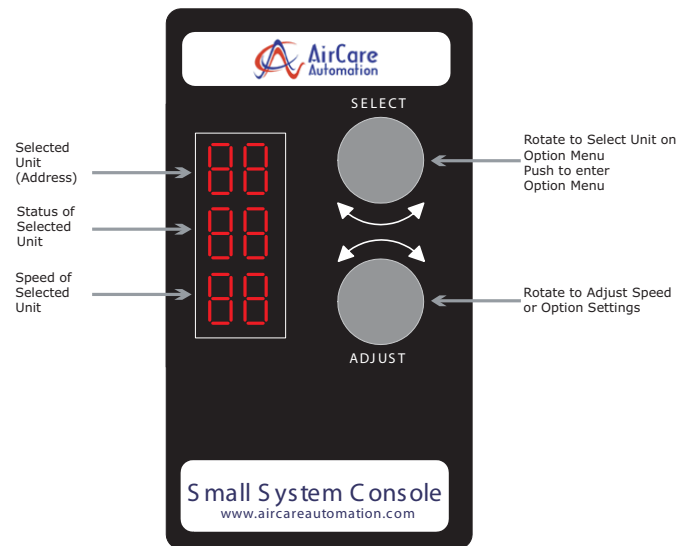
- Monitor or ADJUST Mode (Access Level A4)
- Setback setting to hi-low (Access Level A3)
- Set speed of each unit (Access Level A2)
- Set-back speed (global) setting (Access Level A2)
- Differential pressure switch monitoring (Access Level A1)
- Global command for entire zone (Access Level A1)

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

AirCare Small System Console ACC1-10, ACC1-25, ACC1-50

Features

- Wall-mount 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 AirCare VariPhase™ 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



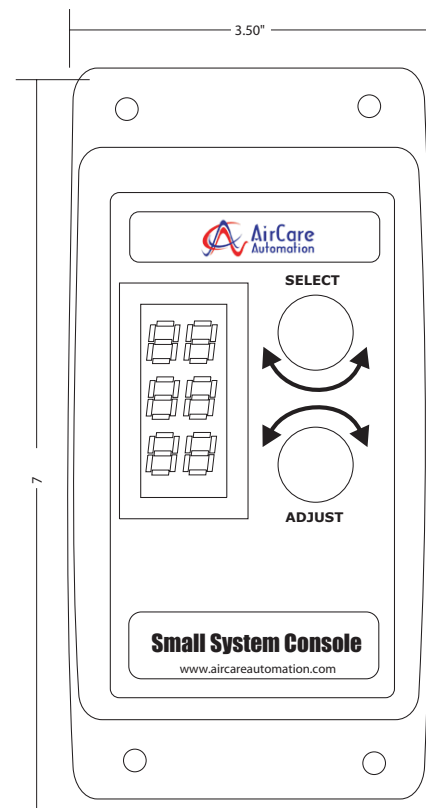
Specifications

- Supply Voltage : An AC adapter converting 115 or 230 volt AC to 6-8Vdc into the console - adapter provided with 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 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

For assistance call **512-249-7526**



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