procool *AV Cooling Solutions* Model **AVP-MFC**

PROCOOL Multi Zone Fan Controller with temperature display

Features:

* Control 4 fans independently with 4 temp profiles
* Large Temperature display (Switchable- on or off)
* Switch between Fahrenheit and Celsius easily.
* Switches from thermal control to always on mode
* Programmable from 32-212°F (0-100 Celsius)
* 32" thermal probe (48" Extensions are available separately)

Temperature probe

START
STOP
UP, C/F, DISPLAY
DOWN

POWER SUPPLY CONNECTOR
TEMP PROBE CONNECTOR
FAN CONNECTORS 1, 2, 3, 4

Instructions:

THERMAL PROBE:
Position the probe where you want it to detect the temperature. It can be left as is on the panel for an ambient temp. Or it can be placed at the top of a cabinet or above a hot component. Try to avoid placing the probe where the fans will blow directly on it. For best results, locate the probe where it will detect the most heat.

PROGRAM:
Press the PROGRAM button to set the on and off temperatures for each of the 4 zones. Press the PROGRAM button to begin. All LED's will turn on indicating programming for Global Mode. All Zones will operate with the same temperature. Press PROGRAM again to toggle between Zones 1 through 4. The LED for the selected zone will turn on. To exit program mode press PROGRAM until all LED's turn off. Settings will be automatically saved.

START / STOP:
While in the selected PROGRAM mode, press the START button to set the temperature where the fans should turn on. Use the UP and DOWN buttons to change the temperature. Then press the STOP button to set the temperature where the fans should turn off.

Hold START and STOP together for 3 seconds to switch to Always On mode which bypasses temperature control. The screen will display bp for bypass mode. The fans will continue to run until switched back to temperature mode or powered off.

UP - C/F - Display:
Press the UP button to toggle between Celsius "C" or Fahrenheit "F" (when NOT in Programming mode)
Press and hold the UP button for 3 seconds to enter DARK mode. The indicator lights and display will shut off. The controller will still function as normal. Repeat to turn the display back on.

DOWN:
Used only for setting the temperature in programming mode.

HEATING FUNCTION:
Set the START temperature lower than the STOP temperature. The controller will run until the stop temperature is reached and the environment is heated to the set temperature.

Specifications are subject to change without notice

Dimensions:

Device: 71mm x 40mm x 17mm

Cutout: 68mm x 37mm

Wall mount plate: 113mm x 82mm

Shelf mount plate: 93mm x 62mm

Mounting:

A mounting bracket is included with cabinet fan systems to mount the controller. AN L shaped bracket is included for mounting under a shelf. A flat wall mount plate is also available.

1U (one rack space) mounting panels also available.

Maintenance:

The controller does not need any maintenance, but the fans do. Cleaning the fan is the best preventative maintenance. Cleaning frequency would depend on the environment. It is recommended that the blade be cleaned to prevent any buildup of dust. Canned air works well.

Warranty:

3 Years from date of purchase.

Power Supply:

Input: 100-240 VAC

Output: 12VDC

AC plug type: NEMA 1-15P

DC Cable: 32 inches with 2.1 mm barrel plug

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