

INSTRUCTION SHEET

FC-4A

THERMOSTATIC FAN CONTROLLER



WARNING: IF BACK-UP POWER IS SUPPLIED BY A UPS:

- A UPS with a “modified square wave” or other “simulated sine wave” output could potentially damage this device and or the fans it controls.
- A UPS with a “pure sine wave” output is required.

See middleatlantic.com for our line of “Pure Sine Wave Technology” UPS systems.



To reduce the risk of electrical shock, disconnect power before servicing. Switch does not disconnect power, disconnect plug before removing cover.

To be used indoors in dry location only.

NOTE: Affix enclosed warning stickers to fans that are to be controlled by FC Series thermostatic fan controller

Function: Fan control module varies fan speed based upon temperature to increase fan life while decreasing noise & power consumption

Placement of probe:
In order to achieve proper temperature sensing, the probe should be installed near the top of the rack.
The probe is provided with a 5' lead

Status LEDs:
AUTO: illuminated whenever switch is in the "AUTO" position.
ON: Illuminated whenever fan is operating. The LED will "blink" in proportion to fan speed, from 2 blinks per second to constant.

 **(FIGURE A)**
Disconnect power by removing plug before removing cover
Mode 1: Fan speed proportional to temperature (factory set)
Mode 2: 'Complete On' (On or Off, not proportional). This mode is selected by removing a pluggable jumper on the circuit board. **(FIGURE A)**

Temperature Setting: **(FIGURE A)**
A 3 position pluggable jumper (JP1) (on circuit board) is provided to shift the temperature control range.

	SLOW	FULL SPEED
Position #1	90°F	100°F
Position #3	85°F	95°F (factory set)
Position #5	80°F	90°F

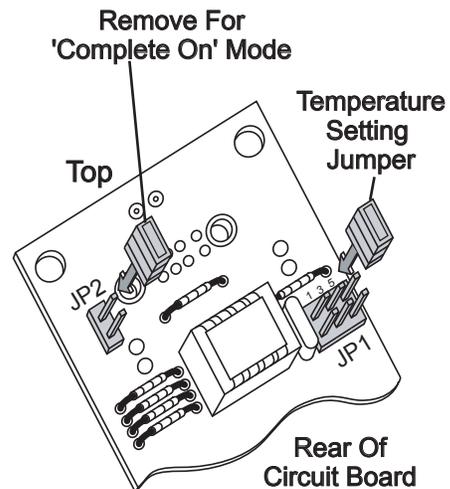


FIGURE A

SPECIFICATIONS

Power Input: 120VAC - 60HZ

Power Output: 4 qty. NEMA 1-15R (2 prong) outlets. Variable output, 30 to 120VAC @ 1.5 AMP

Protection: 2 AMP fuse (on circuit board)

Control switch settings:
(FIGURE B)

AUTO	OFF	ON
Thermostatic fan control	Fan power is off	Fan on full speed

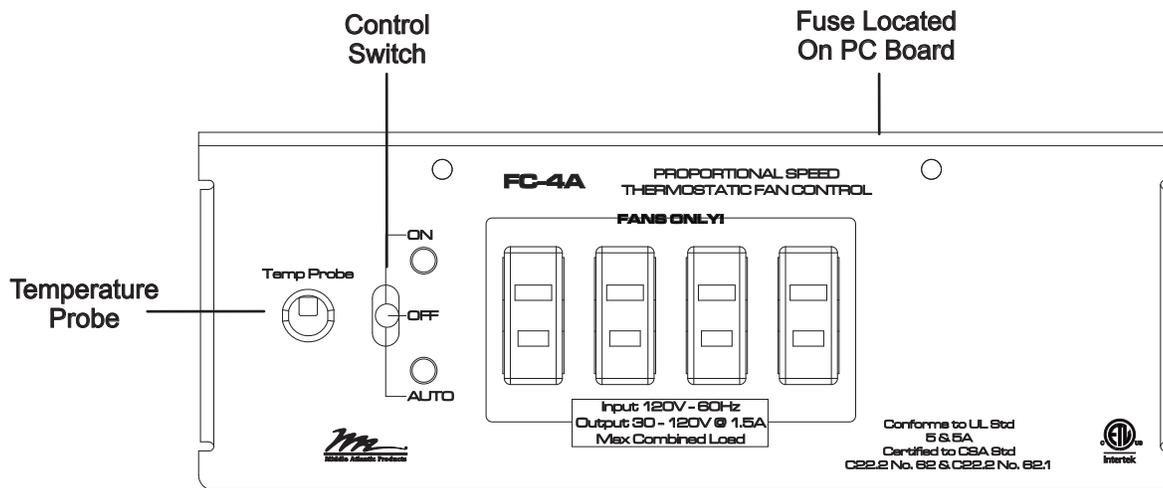


FIGURE B

- When screwing the module to the raceway, use a hand-held screwdriver and do not overtighten.

WARRANTY

Middle Atlantic Products, Inc. (the "Company") warrants the FC-4A Thermostatic Fan Controller to be free from defects in material or workmanship under normal use and conditions for a period of (3) three years from date of shipment by the company.

The Company's entire liability to the purchaser, and the purchaser's (or any other party's) sole and exclusive remedy, under this warranty shall be limited, at the Company's option, to either (a) return of and refund of the price paid for, or (b) repair or replacement at the Company's factory of the products purchased, or any part or parts thereof, which the Company has determined to be defective after inspection thereof at the Company's factory. This warranty does not cover damage due to acts of God, accident, misuse, abuse or negligence by parties other than the Company, or any modification or alteration of the products. In addition, this warranty does not cover damage due to improper handling, assembly, installation or maintenance.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF THE PRODUCTS PURCHASED, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE COMPANY'S LIABILITY TO THE PURCHASER (OR ANY OTHER PARTY) HEREUNDER, IF ANY, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCTS PAID TO THE COMPANY.

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