



A MONITOR / TEMPERATURE CONTROLLER FOR ANY DC FAN INSTALLATION

Products Proudly

With An Accuracy And Capability Never Before Possible

An intelligent Device for the Protection of any Equipment
Installed in any Room, Rack or Cabinet



Also Perfect for Monitoring and Controlling the Temperature
in Any Computer Server Room

PIECE OF MIND PROTECTION

- Controls at least (4)120 mm or (7) 80 mm Fans
- Or Even More Smaller Sized Fans
- Multiple Electronic Temperature Monitoring via External Probe
- Probe can be positioned anywhere Protection is required
- All Functions are Micro Processor Controlled for Superior Accuracy
- Adjustable (Multiple) Temperature Settings*
- Special Units for Monitoring down to Freezing Temperatures Available on Request *
- Pre-Set Over Temperature Warning to any External Device
- Multiple Mounting Options

Back Up Reporting when there is a Power Failure
World Wide Operation 110V - 240v 12v DC, ROHS Compliant

EXTRA PROTECTION NO OTHER DEVICE OFFERS

Its Built in Rechargeable Battery is constant charge allowing in the event of a Power failure to warn the user of a potential problem. This feature provide automatic remote reporing via the Controllers Contact Closure Connection

MULTIPLE FAN SUPPORT

The supplied Power Supply can control at least (4) 120 mm, or (7) 80 mm or (16) 40 mm Fans. Using a larger Power Supply can increase the number of Fans that can be Controlled. Please refer to the Fan Manufacture's Power Specification Sheet for the actual Fan's Wattage. This determines the actual number of Fans that can be supported by the Power Supply that is being used.



PRE-SET OVER TEMPERATURE REPORTING TO AN EXTERNAL DEVICE

The unit is Factory Pre-Set to warn the User should the Temperature being monitored by the Probe reach 140 degrees. (Units can be supplied with lower Over Temperature Settings at an Extra Charge)

DO YOU REQUIRE DIFFERENT TEMPERATURES SETTINGS?*

Special units can be supplied with different Temperature Ranges, enabling the User to monitor any Temperature even down to below Freezing - Please Enquire.

Please turn over for more details

ONLY A SMALL SCREWDRIVER IS NEEDED TO CONNECT ANY DEVICE

We use Industry Standard Euro (Phoenix) 3.5mm Plugs for Simple and Fast Connection to the External Probe, Fans and all Warning Devices.

PLEASE NOTE: WHY WE ONLY USE TEMPERATURE CONTROL- NOT FAN SPEED CONTROL

VARIABLE FAN SPEED IS NOT RECOMMENDED BY ANY DC FAN MANUFACTURER

Controlling DC Fans by using low cost Controllers that vary the Fan Speed are not recommended by any Manufacturer. This type of Control uses Resistors to vary the Fan Speed which will cause Premature failure or worse still failure or difficulty in starting, as the Resistors reduce the necessary power required for the Fans to start or operate correctly.

MULTIPLE MOUNTING OPTIONS

We have provided Multiple Mounting Options for the Controller Box allowing it to be installed independently of the Temperature Probe or the External Warning Devices.



PLACEMENT OF THE PROBE

The Externally Mounted Temperature Probe is usually placed where Protection is most Critical, constantly measuring both the actual Temperature and the ability to warn the User in the event of a Fan Failure or an Over Temperature Condition.

THE EXTERNAL TEMPERATURE PROBE

This is connected directly to the MicroProcessor to Monitor the Temperature set by the User and also Detects the Over Temperature enabling the Warning Device to Alert the User of an Over Temperature Condition.

SETTING AND MAINTAINING THE CORRECT TEMPERATURE

The user simply sets the Temperature they want to monitor using the Front Control Knob. Standard Units can be set to between 80-100 Degrees. Other Temperature Range Units can be supplied to special order.

Once the User has set the required temperature, the Microprocessor's External Probe takes over and will then Constantly Control the Temperature with an Accuracy never before possible using conventional devices.

DIMENSIONS

4" X 2 1/4" X 1 13/4 "
Weight: 6 ozs

Part #	Description	List Price
NB-DCFC	DC Fan Monitor / Controller with 17 Watt DC Power Supply. Larger Power Supplies available at Extra Cost	\$ 169.95
NB-PA	117 dB External Alarm With Mounting Hardware	\$ 19.95

WARRANTY

We reserve the right to make Changes to the Specification and Improvements without notice

The product is covered under the terms of our three year warranty which can be viewed on our Web Site

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