

AUTOMATIC TEMPERATURE CONTROLLED FAN

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ABSTRACT

This project paper is about the automatic temperature control fan, its construction, its theory behind it and the possible outcomes that it can produce. The properties of this automatic temperature controlled fan are included.

The automatic temperature control fan is only consists of hardware. The hardware consists of NTC thermistor, Op-amp $\mu A741$, IC3 (MOC3011), TRIAC BT 136 and others. The hardware is to get the fan move when the thermistor receives the environment temperature.

The two DC power supply is used in the project. One dc power supply is used to replace the 230v AC primary to secondary transformer(0-12v, 100mA) and another one dc power supply to replace the AC power supply, it use for the fan move purpose.