M404 Temperature Controller
Installation and Operation

Power/Control Connector

Fan Connector

Temp Sender

AKG Thermal MT1 M404
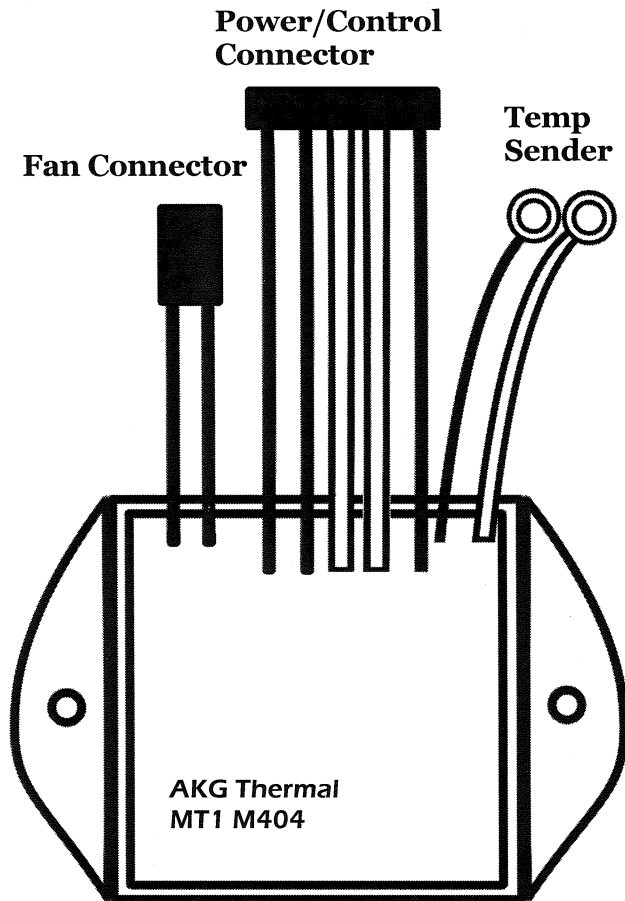
Fan Connector
Blue: +
Black: -

Temperature Sender
Black: Ground (Body)
White: Sender Terminal

Power Control Connector
Red: +12 to 24 Volts DC
Black: Ground (-)
White: Manual Override
Yellow/Orange: Temp Select (see below table)

Temp. (F)	TS1 (Yellow)	TS2 (Orange)
115	Black	No Conn.*
125	No Conn.	No Conn.
140	No Conn.	Black
160	Red	No Conn.
180	No Conn.	Red
200	Black	Black

* wire should not be connected at this temperature setting

Installation Instructions

1. Temperature Control Module should be fused according to fan's recommended fuse rating. Fuse size should not exceed 30 amps. Input voltage rating is 12-24VDC. The controller is rated to 20A output current.
2. Insure that input power is disabled while making the following connections or fan may start automatically.
3. Connect the two-pin black connector (black and blue wire) to the mating connector on the fan.
4. Connect the white wire with ring terminal to the center stud terminal on the temperature sender.
5. Connect the black wire with ring terminal to a grounded surface close to the temperature sender. Insure that this surface is clean and free of corrosion.
6. Connect the following points to the six pin black connector.
   Pin A - 12-24VDC
   Pin B - Ground
   Pin C - Manual Override (Connect to Ground to run fan.
   Pin D - Temperature Select 1 (Ref. Table) TS1
   Pin E - Temperature Select 2 (Ref. Table) TS2
   Pin F - Not Used