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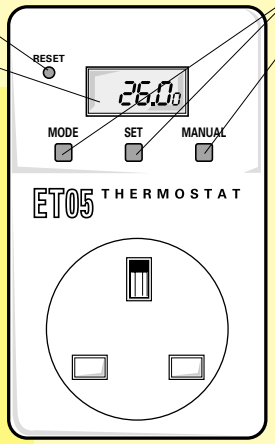
TIMEGUARD LIMITED

ELECTRONIC PLUG-IN TEMPERATURE CONTROLLER



The ET05 is a plug-in electronic temperature controller incorporating a digital display of temperature. The ET05 can control to a temperature between 0°C and 35°C and is ideal for controlling radiant, convector and fan heaters as well as oil filled radiators.

- Plug in, no wiring.
- Mains operated, but integral battery power allows setting out of the mains socket.
- Precision digital temperature display.
- Permanent manual override for instant ON/OFF switching.
- Integral temperature sensor.
- Temperature setting can be easily reviewed.

Specifications

Operating Temp:	0°C to 40°C
Operating Voltage:	220 - 240V AC 50Hz
Switch Rating:	240V AC 13 amp resistive (3kW) 2 amp inductive
Lamp Load:	400W (filament only)
Control Temp Range:	0°C t0 35°C (assuming heater capacity is adequate).
Battery:	Factory fitted rechargeable 1000hrs back-up
Conforms to Directives:	73/23/EEC & 89/336/EEC

FOR INDOOR USE ONLY.

Helpline

020 8450 0515

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THREE YEAR

3

GUARANTEE

Instructions

First Use: If the display is faint or has disappeared then plug the ET05 into a socket for at least 4 hours to charge up the internal battery. Press the RESET button with a pen or similar implement and the display will show its complete range of characters for around 2 seconds then shows "0:0" for a similar time before showing the temperature measured by the internal sensor.

Setting the Control Temperature: Press the MODE button, the default control of 20°C will be shown flashing. The control temperature can now be changed by pressing the SET button. The temperature will advance to 49°C and then revert to 0°C before again advancing. The display will also show ".0" not flashing, this should be ignored as it is only possible to set the control temperature to a whole number. **(To avoid possible damage to the controller do not exceed a control temperature of 35°C).**

Once the control temperature is set the ET05 can be put into control mode by pressing the MODE button again. At the bottom of the display the words AUTO (indicating in control mode) and ON or OFF will be displayed depending on whether the measured temperature is higher or lower than the control temperature.

Reviewing the Control Temperature:
The control temperature can be reviewed at any time by pressing the MODE button. Once review has been carried out the MODE button can be pressed again to return to the control mode. If this is not done it will happen automatically after 10 seconds.

Manual Override: The ET05 can be put into a permanently ON or permanently OFF condition by pressing the MANUAL button until either the ON or OFF symbol appears alone at the bottom of the screen. Further pressing of the MANUAL button will return the ET05 to the control mode where the AUTO symbol appears along with either the ON or OFF symbol depending on whether the control temperature is above or below the measured temperature.

Out of Range Display: If the measured temperature exceeds 50°C the display will flash "hh" and if it is below 0°C the display will read "LL".

Troubleshooting:
No response from the buttons:
Press RESET button and re-programme.

No click is heard from the ET05 when MANUAL button is pressed between ON and OFF:
Check mains supply and if present the unit is faulty or the battery is discharged.

For further information contact: **Timeguard Ltd.,**
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Or visit our website www.timeguard.com

Model ET05

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