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ET1

Digital Electronic Thermostat

INSTRUCTION MANUAL

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ET 1 LCD Electronic Thermostat

A, Installation & Mounting:

Caution:

Turn off the ET1 and any electrical devices that are to be connected after installation. The installation must be carried out by a qualified electrician and conform to current IEE regulations.

1, Installation Location:

The thermostat should be mounted on an inner wall 1.5m above the floor in a position where it is readily affected by changes in the ambient room temperature. Prevent direct exposure sunlight and moisture. Do not place this unit where air circulation is low, or where it is susceptible to rapid temperature changes (e.g. near a door or window). Do not position near heating/cooling appliances.

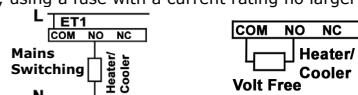
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2, Wiring:

There are three terminals at the bottom of the ET1, labelled as "Com" (Common), "NO" (normally open) and "NC" (normally closed). Connect the appliance to the "NO" and "Com" terminals. Leaving the "NC" terminal empty.

- Refer to the circuit diagram printed on rating label on the back of the product.
- Push all wiring into wall prior to mounting to avoid trapping wires.
- The thermostat should be protected by the fused spur supplying the heating system, using a fuse with a current rating no larger than 5A.



3, Mounting:

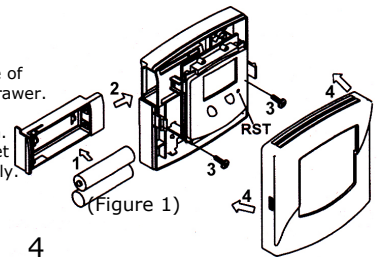
Mount the ET1 using the screw accessories provided through slots/holes on rear face of the unit.

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B, Battery installation / Replacement:

Caution: Turn off electrical devices and disconnect the supply to any connected appliances before installing or replacing batteries. Replace only with the same (AAA Alkaline) or equivalent batteries. Do not dispose of used batteries with household waste. Refer to your local area for correct disposal method.

- Pull out the battery draw.
- Place new batteries taking note of orientation of +/- on battery drawer.
- Dispose old batteries properly.
- Slide battery draw into position.
- Check operation and press reset (RST) if not functioning correctly.



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C, Setting Temperature:

- Adjust the temperature to your chosen set-point using the <▲> or <▼> buttons.
- Ambient room temperature display will resume after 8 seconds and the <▲> icon will disappear.

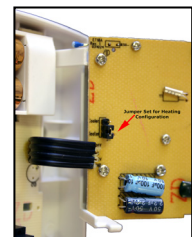
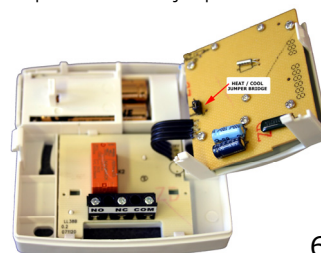
D, Default Display Mode:

- Temperature detection starts and LCD displays the room temperature.
- If the battery is LOW, will be displayed. The batteries must be replaced immediately.
- The defrost function is activated with displayed when the temperature is 5°C or below. The output will switch ON automatically for heating & OFF if the ET1 is configured for cooling.
- If the ambient temperature falls below 0°C the ET1 will display "LO".
- Above 40.5°C the ET1 will display "HI".

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E. Jumper Selection:

- Heating, Cooling Jumper Bridge. When the jumper bridge is connected to "Heater" the heating configuration is selected. When the jumper bridge is connected to "Cooling" the cooling configuration is selected. The thermostat will not operate without a jumper connection existing.



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F, Normal Operation:

In the default run mode the ambient room temperature is displayed. The Heating Indicator  will flash continuously when heating is called for (in demand) and will not flash when the heating is no longer required (Satisfied)..

Ambient Room Temperature

Heating Indicator

