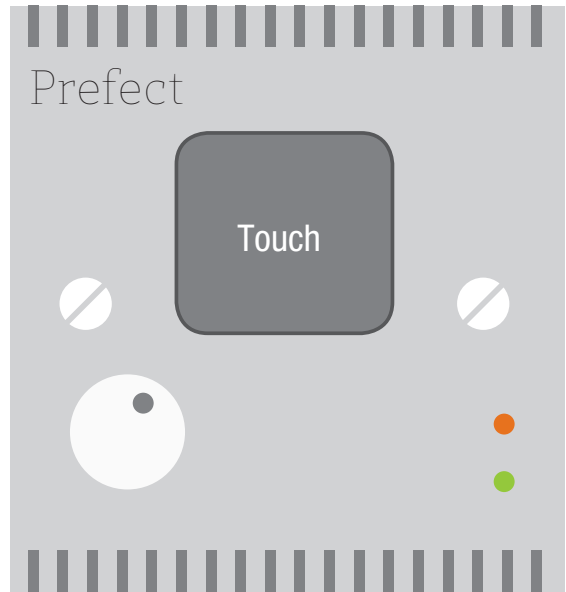


PRE500I Touch Thermostat with User Adjust



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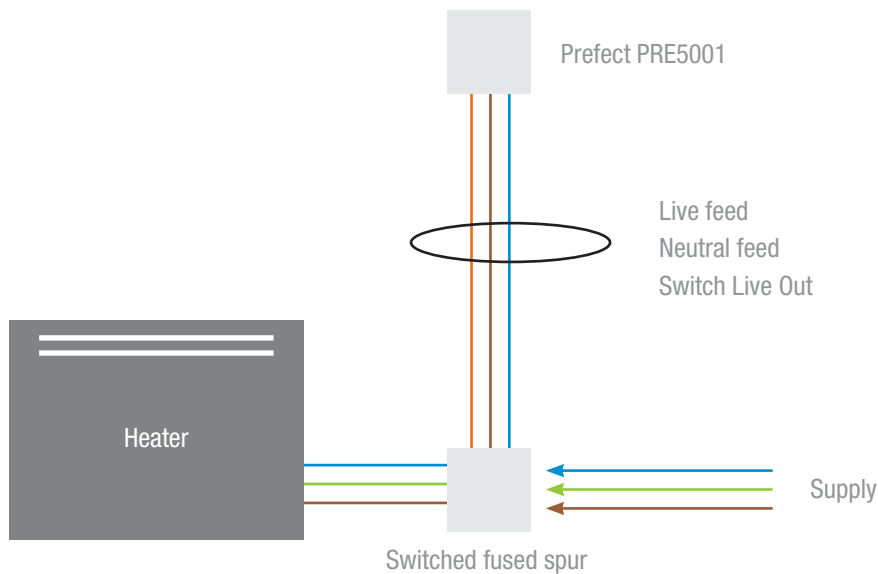
Specification:

SIZE: Standard 1 gang. Requires minimum 35mm back box 45mm recommended if practical)
TEMPERATURE RANGE: Setback temperature adjustable from 5°C to 20°C Comfort temperature adjustable from 10°C to 30°C
TIMING RANGE: Comfort period adjustable from 5 to 240 minutes
ADJUSTMENT METHOD: Adjustment wheel
ELECTRICAL SPEC: 220-240VAC 50 Hz
LOAD: 16A resistive

CONNECTIONS: Live in, swd. live out, Neutral
INDICATORS: Green LED- Boost Active. Red LED- Heating
CONFORMANCE: EMC- 89/336/EEC, LVD - 73/23/EEC, CE approved
POSITIONING: Ideally chest height. Can be positioned higher or lower, however temperature setting must be biased accordingly.

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PRE500I Touch Switch schematic wiring diagram



Unit description:

The Prefect PRE5001 Touch Thermostat will maintain a room at a customer pre-set heat level. When the front of the unit is touched, the unit allows the room temperature to boost to the customers pre-set comfort heat level for a time period - also

pre-set. Once the time period has expired the unit switches back to maintaining the setback heat level. The user adjustment control on the fascia of the unit allows the occupant to adjust room temperature between the Pre-set Settings only.

Installation Instructions:

1. Isolate the circuit supplying the heating points, which are to be connected to the PRE5001. This should be undertaken at the distribution board.
2. The PRE5001 should be positioned where operation will not be affected by local heat sources such as lighting or the heater itself, by limited airflow or cold drafts for example. The unit should be mounted ideally at chest height.
3. Carry out any adjustments to the heating circuits to allow for the correct operation of the system. Adjust the circuit wiring to allow for the following connections:
 - Terminals 'L' & 'N' - connect a 240V 24-hour supply.
 - Terminal 'LIVE OUT' - connect to the heater or contactor coil.
 - Any CPC or earthing conductor should be connected ONLY to the mounting box.
4. We recommend this product is installed by a competent person to IEE regulations in force at the time.

Setting & Commissioning Information:

THIS UNIT SHOULD ONLY BE ADJUSTED WHILST ISOLATED FROM ITS SUPPLY.

The following are guidance notes for the commissioning of the unit.

Set the three adjustment wheels to the desired setting.

- “Boost” The temperature that you want the thermostat to maintain when room is occupied.
- “Set-Back” The temperature that you want the thermostat to maintain when the room is Un –Occupied.
- “Time” The Time that you wish the thermostat to run for at the “boost” themperture.

Once set:

Mount the unit in it’s box and energise the supply circuit and allow 30 seconds for the unit to stabilise. When the green LED is lit, this indicates the unit is maintaining the setback heat level. When the fascia is touched, the red LED will illuminate to indicate the unit has switched to maintaining the boost heat level.

N.B. Due to variations in room size, heater efficiency, airflow, mounting position and drafts etc., the temperature settings on the dials should be used as guidance only. In some instances it may be necessary to adjust the unit to different settings in order to achieve the required temperatures.

Back view of PRE5001

