

Contact Details

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Please use the following details if you need to contact us:

Telephone: 0844 879 3588

Email: customer.services@gdcgroup.co.uk

The Help Centre section of this website also features a wide range of information which may be of use to you and is available 24 hours a day. It includes:

- Operating and installation instructions downloads
- Request a repair
- Where to buy our products
- Literature downloads
- Heating requirement calculator

www.credaheating.co.uk/help-centre

TPR III E Electronic Panel Heaters

INCPUKP5EL Issue 1

Dimensions

(millimetres)

Model(s)	Watt	A	B
TPR III 500E	0.5kW	450	108
TPR III 750E	0.75kW	620	108
TPR III 1000E	1.0kW	620	108
TPR III 1250E	1.25kW	688	108
TPR III 1500E	1.5kW	688	108
TPR III 2000E	2.0kW	860	108

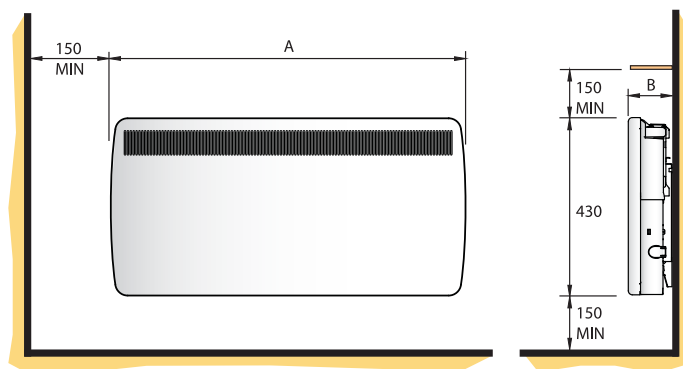


Fig. 1

IMPORTANT: THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE

Important Safety Advice

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

IMPORTANT – The wall brackets supplied with the appliance must be used.

WARNING - DO NOT USE THIS HEATER IN THE IMMEDIATE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL.

IMPORTANT – If the heater is installed in a room containing a bath or shower, it must be so installed that switches and other controls cannot be touched by a person using a bath or shower.

Do not use outdoors.

Do not locate the heater immediately below a fixed socket outlet or connection box.

Do not cover the heater. Do not place material or garments on the heater, or obstruct the air circulation around the heater, for instance by curtains or furniture, as this could cause overheating and a fire risk.

NEVER cover or obstruct in any way the heat outlet slots at the top of the heater or the air inlet slots in the base of the heater.

WARNING – THE SURFACES OF THIS HEATER CAN BE HOT. Momentary contact with any part of the heater should not cause injury. However, aged or infirm persons or young children should not be left unsupervised in the vicinity of the heater unless a suitable guard is fitted.

This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

Note that due care and consideration must be taken when using this heater in series with a thermal control, a program controller, a timer or any other device that switches on the heat automatically, since a fire risk exists when the heater is accidentally covered or displaced.

If the supply cord is damaged it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard.

Electrical

WARNING – THIS APPLIANCE MUST BE EARTHED

The electrical installation must be carried out by a competent electrician, and be in strict accordance with the current I.E.E. regulations for Electrical Equipment in Buildings.

The wires in this mains lead are coloured in accordance with the following code :

GREEN AND YELLOW : EARTH

BLUE : NEUTRAL

BROWN : LIVE

BLACK : PILOT WIRE

- see also 'Pilot Wire Connection'.

The heater is fitted with a length of flexible cable type H05VV-F size 4 x 1.0mm² for connection to the fixed wiring of the premises through a suitable connection box positioned adjacent to the heater.

The supply circuit to the heater must incorporate a double pole isolating switch having a contact separation of at least 3mm.

Pilot Wire Connection

The BLACK control wire is designed to carry a signal from slot in or wall mounted Creda programmers. If, however a programmer is not being used, the pilot wire should be isolated in accordance with the current IEE Wiring Regulations.

IMPORTANT - DO NOT connect the BLACK pilot wire to earth. Care should be taken with the installation of the pilot wire(s) as when switching to background (set back) they become energised at 240V although only at a current of less than 100mA. In every case a suitable means of isolation must be provided for the pilot wire and marked to indicate that two sources of supply may be present at the heater.

Where pilot wires are installed separately from the heater final sub-circuit they should be protected, double insulated and carry their own integral earth continuity conductor.

Supplementary Earth Bonding

Should Equipotential Earth Bonding be required the earthing conductor in the supply cord is deemed to provide the supplementary bonding connection (see Regulation 701, 17th Edition I.E.E. Wiring regulations).

General

The TPR III E Electronic panel heater is designed for wall mounting on the wall brackets supplied. It should only be operated when in the upright position as shown.

All models are splashproof to IP24 standard.

Before connecting the heater check that the supply voltage is the same as that stated on the heater.

Wall Mounting

IMPORTANT – The wall brackets supplied with the appliance must be used. The heater should be positioned observing the minimum clearances stated around the heater - see Fig. 1.

DO NOT locate the heater immediately below a fixed socket outlet or connection box.

1. Remove wall mounting bracket from the back of the heater by depressing the spring latch at the top of each bracket - see Fig. 2.
2. Fix the wall bracket securely to the wall through the four screw holes provided.
3. Present the heater to the wall bracket, and engage lower slots in the back with bracket.
4. Raise the heater to upright position and push the heater onto brackets to engage top latch.

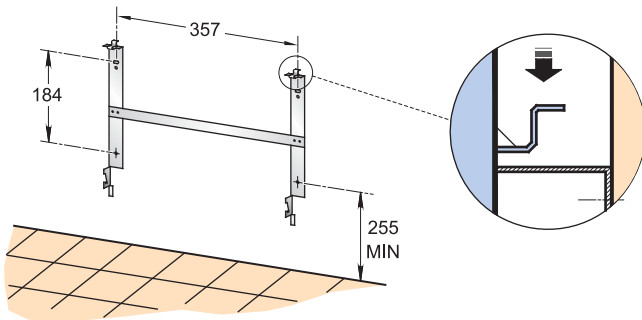




Fig. 2

Operation

Switching On the Heater (see Fig. 3)

The button marked  controls the electricity supply to the electronic thermostat. An indicator beside the  button shows when the unit is powered 'ON'.

Setting Desired Temperature (see Fig. 3)

The heater is fitted with an adjustable thermostat enabling the room temperature to be controlled by adjusting the rotary knob accordingly. The 'MIN' setting represents a room temperature of approximately 5°C and may be used for protection against frost. The 'MAX' setting represents a room temperature of approximately 30°C. The '''' symbol glows when the elements are actually heating.

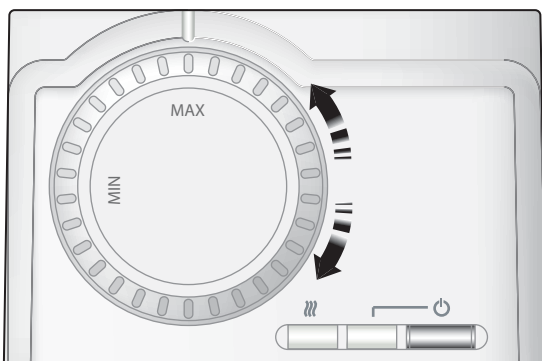



Fig. 3

Turn on the heater using the  button and rotate the thermostat knob to the desired position. When the room temperature has reached the desired level, the power to the elements will be reduced, the heater will then maintain the room temperature at the chosen level.

NOTE - Should your heater fail to come on when the thermostat knob is at a low setting, this may be due to the room temperature being higher than the thermostat setting.

Background Temperature

When used in conjunction with a remote programming device supporting a background/setback setting, the heater will automatically operate at a room temperature setting of 5°C less than the thermostat setting when the programme is in background/setback mode.

Limiting the thermostat setting

The installer may wish to limit the heat selection knob movement for the operator. This may be achieved by unclipping the plastic knob cap and removing the two plastic pins (see Fig.4) using pliers and inserting them in the preferred holes to limit the knob movement. Replace the plastic cap.

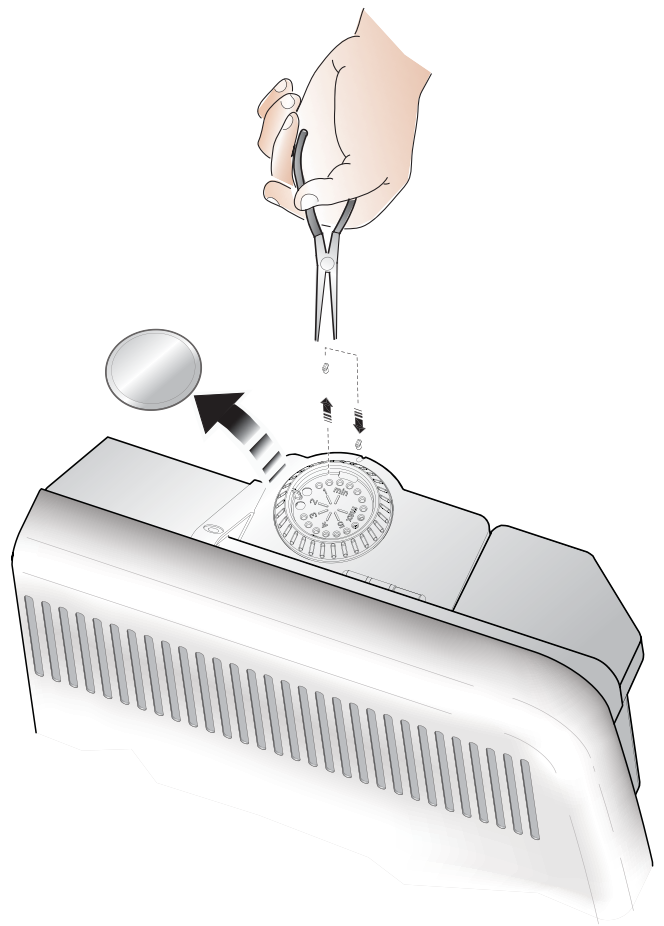




Fig. 4

Notes to the Installer

Test Mode

When the TPR III E Panel Heater is connected via a pilot wire system, the test mode allows the installer to check whether the heater is responding correctly to the incoming pilot wire signal.

Before switching the heater on at the mains, place the thermostat knob in the 'MAX' position, then press and hold the  button whilst switching on the mains.

The unit will now enter a test state for 4 mins. During this test state the  neon will indicate the pilot wire status:

NEON

PILOT WIRE CONTROLLER MODE

Neon on -	ON
Neon off -	OFF
Neon flashing fast approx every 0.1sec -	FROST
Neon flashing slow approx every 0.5 sec -	SETBACK

Timer Modules

Optional timer modules are available for use with the TPR III E range of panel heaters - see separate User Instructions for details on the operation of each timer module.

Before fitting a control module switch the heater off at the mains supply.

To insert a module, the plug-in protective cover on the right hand side of the thermostat unit at the back of the heater must first be removed.

Insert a flat-head screwdriver into the side of the cover and prise away from the heater - see **Fig. 5**.

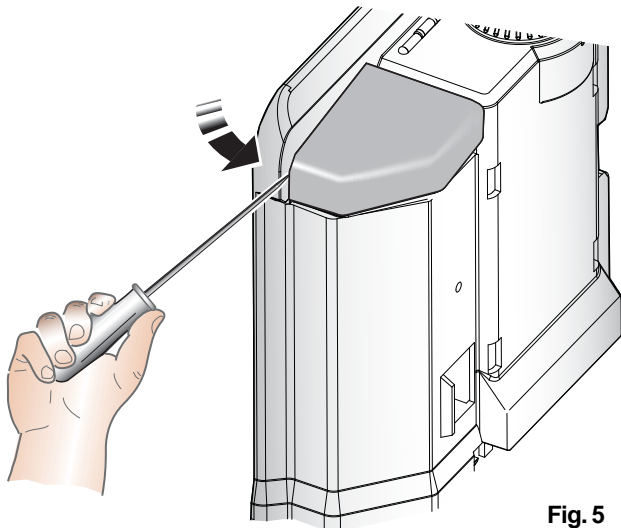


Fig. 5

Lift the cover away from the heater (see **Fig. 6**) to reveal the slide in compartment.

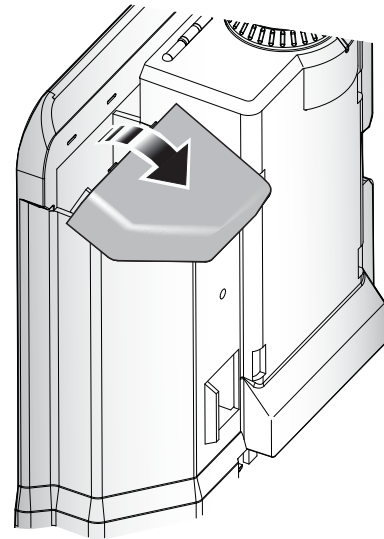


Fig. 6

Insert the timer module into the slot ensuring it is positively located in position - see **Fig. 7**.

Switch the heater on at the mains supply.

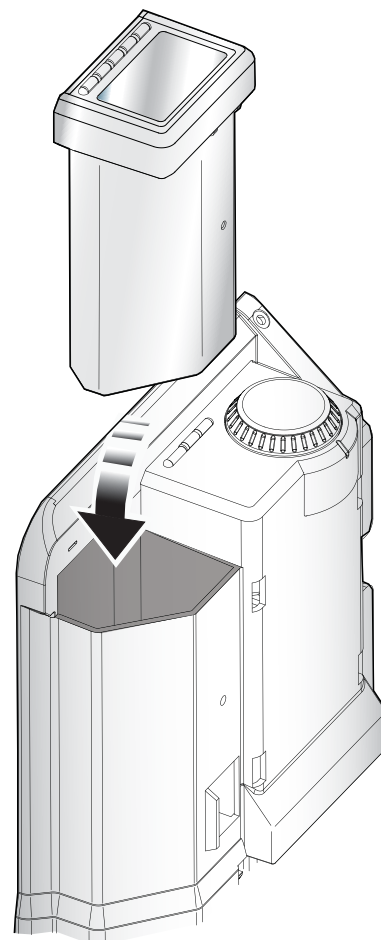


Fig. 7

Safety - Overheat protection

For your safety this appliance is fitted with a thermal cut-out. In the event that the product overheats for some reason, the cut-out prevents excessive temperatures on the product by cutting the power to the heater. Once the heater has cooled down, it will reset automatically, it will continue to cycle on and off automatically until the reason for overheating is removed.

Cleaning

WARNING – ALWAYS DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING THE HEATER.

Before commencing cleaning, unplug the heater and allow it to cool. Disconnect the electricity supply to the appliance.

The outside can be cleaned by wiping it over with a soft damp cloth and then dried. Do not use abrasive cleaning powders or furniture polish, as this can damage the surface finish.

To release heater from the wall bracket for cleaning or redecoration, depress latch on both brackets (see **Fig. 2**) and hinge forward.

After Sales Service

Your product is guaranteed for one year from the date of purchase.

Within this period, we undertake to repair or exchange this product free of charge provided it has been installed and operated in accordance with these instructions.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Should you require after sales service you should contact our customer services help desk on 0845 604 2399. It would assist us if you can quote the model number, series, date of purchase, and nature of the fault at the time of your call. The customer services help desk will also be able to advise you should you need to purchase any spares.

Please do not return a faulty product to us in the first instance as this may result in loss or damage and delay in providing you with a satisfactory service.

Please retain your receipt as proof of purchase.



The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2, EN60555-3. These cover the essential requirements of EEC Directives 2006/95/EC and 2004/108/EC.

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