



PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE
We recommend this device is installed by a qualified Electrician

IMPORTANT SAFEGUARDS

Before use, please read and follow these instructions carefully, even if you feel you are familiar with the device. They contain important information concerning the operation, safety and maintenance when using the device. Please retain these instructions for future use and reference.



CAUTION Before commencing any installation or maintenance work, make sure the mains power supply is isolated.

IMPORTANT This device must be installed in accordance with the IEE wiring regulations and current building regulations. If in doubt consult a qualified electrician.

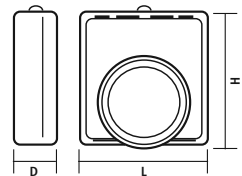
- Device must not be mounted on a flammable surface.
- Ensure the device does not come in contact with any combustible materials.
- Ensure the device is level and securely fixed to the wall using minimum 35mm back box.
- The device should have a minimum air space of 300mm on all sides.
- Before installation or maintenance, ensure the mains supply is switched off.
- Check that the total load on the circuit including when this device is fitted does not exceed the rating of the circuit cable and circuit breaker.
- Only install the device if the voltage indicated on the device corresponds with the mains voltage.

TECHNICAL SPECIFICATIONS

- Sensing Type: Gas Bellows/Membrane
- Temperature Setting Range: 10°C to 30°C
- Temperature Heating Range: 0.6°C to 4°C/hour
- Operating Temperature Range: 0°C to 40°C
- Terminal Differential: Approx 4°C
- Current Rating: 16(4)Amp (Voltage free)
- Switch Type: S.P.S.T
- Plastic: Thermoplastic, flame retardant
- Protection Rating: IP30
- Complies: EN60730-1 EN 60730-2.7,
EMC Directive 2004/108/EC,
LVD Directive 2006/95/EC

FEATURES

- Volt free contacts
- Audible click when dial is turned past current temperature and system is turned on/off
- Surface mounted
- Large, clear adjustable dial
- Fits on industry standard backplate
- Easy to use and quick to install



Product Ref	Description	Length (mm)	Width (mm)	Depth (mm)
F4PHCMSTAT	Mechanical Room Thermostat	85	85	35

230V~50/60Hz



WARNING: Interference with sealed parts renders the guarantee void. Always isolate the AC mains supply before removing or fitting the product. This accessory must be fitted by a competent person, and installation must comply with the guidance provided in the current editions of BS7671 (IEE wiring regulations) and part 'P' of the building regulations.

INSTALLATION

- The unit must be installed by a suitably qualified person in accordance with the latest IEE Wiring Regulations.
Isolate mains supply before commencing installation. Please read all instructions before proceeding.
- Ensure that the fixed wiring connections to the mains supply is via a fuse rated at not more than 6 amps and class 'A' switch having a contact separation of a minimum of 3mm in all poles. The recommended cable sizes are 1.0mm sq or 1.5mm sq.
- No earth connection is required as the product is double insulated but ensure continuity of earth throughout the system.
- If the unit is fitted to a metal surface, IT IS ESSENTIAL that the metal be earthed. DO NOT use a surface mounting box.

When fitting batteries, do not mix old and new batteries together. Do not use rechargeable batteries.

This product complies with the essential requirements of the following EC Directives:

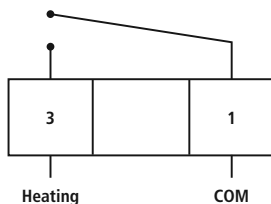
- Electro-Magnetic Compatibility Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- EC Marking Directive 93/68/EEC
- R&TTE Directive 1999/05/EC

MAINTENANCE

Always isolate the mains supply before commencing any work, servicing or maintenance on the system. And please read all instructions before proceeding.

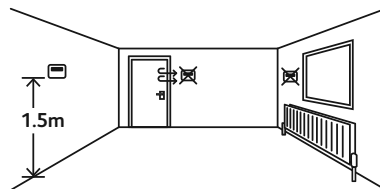
Arrange for an annual maintenance and inspection schedule to be carried out by a qualified person on every part of the heating and hot water system.

WIRING DIAGRAM



FITTING THE MECHANICAL ROOM THERMOSTAT

The ideal position to locate the Mechanical Room Thermostat is about 1.5m above floor level, in a location where the thermostat is accessible, reasonably lit and free from extremes of temperature and draughts. Do not position the thermostat near sources of heat, such as radiators, lights, TV, direct sunlight or on an outside wall.



Installation

- Remove the front cover using a flat screwdriver and separate from back plate.
- Fix the back plate directly onto the wall using suitable wall plugs and screws or mount over existing wall box.
- Complete the connections in accordance with the wiring diagram on page 5.
- Replace the thermostat onto the back plate. The Mechanical Room Thermostat is now installed.

NOTE: In the interests of continuous product improvement we reserve the right to alter designs, specifications and materials without prior notice and cannot accept liability for errors.

LIMITED WARRANTY

This product has been made under strictest quality control procedures to ensure good performance and reliability. This product has a warranty against defects in materials and workmanship for 3 years from the date of purchase.

PROVIDED:

1. Reasonable evidence is supplied to prove the product has been purchased within 3 years prior to the date of claim.
2. The defect is not due to misuse, neglect, accidental damage or repair by unqualified engineers.

This warranty does not cover any claims for consequential loss or damage.

These statements do not affect your statutory rights as a customer.

CARE & CLEANING

1. The unit should be cleaned regularly.
2. Isolate electricity supply, wipe with a soft damp cloth.
Do not use detergent or abrasives.
3. Do not scrape the surfaces.
4. Do not immerse in water or any other liquid.

DISPOSAL

In accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE), please return any electrical equipment that you will no longer use to the collection points provided for their disposal.



This symbol indicates that the appliance cannot be treated as normal domestic waste, but must be handed to a collection point for where electric and electronic appliances are recycled.

Information concerning where the equipment can be disposed of can be obtained from your local authority.



MECHANICAL ROOM THERMOSTAT
Fitting & User Instructions
F4PHCMSTAT