

Commissioning

The two setting marks outside the temperature scale on the HTS3 provide positive ON and OFF positions to assist with commissioning or checking the system operation. Rotate the setting arrow fully clockwise for ON, and anticlockwise for OFF.

Setting

With a screwdriver, position the setting arrow at the desired nominal hot water temperature. A popular setting is 60°C but if this is not exactly suitable, simply adjust up or down as appropriate.

WARNING

Disconnect mains supply before fitting or removing the cover.

A switch having contact separation of at least 3mm in all poles must be incorporated in the fixed wiring as a means of providing full disconnection of the mains supply.

Technical Data

Setting Range	50° – 80°C with positive ON and OFF positions.
Differential	8°C approx.
Switch rating	3 (1) A 230v AC
Switch type	SPDT
Earth	Double insulated – not required
Connections	C – common 1 – call 2 – satisfied
Fixing	Plastic-coated spring wire with hook and eyelet.

Conforms to the essential requirements of the following directives:

89/336/EEC – Electromagnetic compatibility

73/23/EEC – Low Voltage Directive



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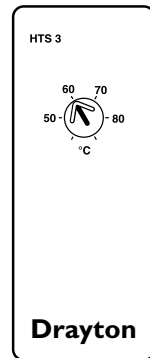
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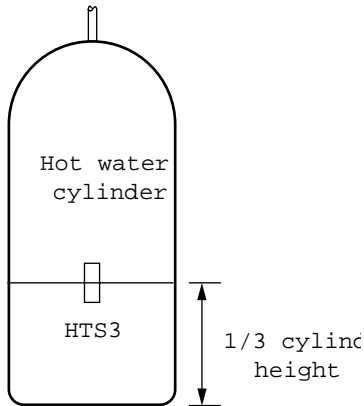
HTS3 Cylinder Thermostat

Installation instructions



Positioning the HTS3

The HTS3 should be installed approximately one third of the way up the hot water cylinder; and at the front for ease of access. With pre-insulated cylinders, mark the position and size, and remove just enough insulation to allow the HTS3 to fit against the metal of the cylinder in the recess formed.

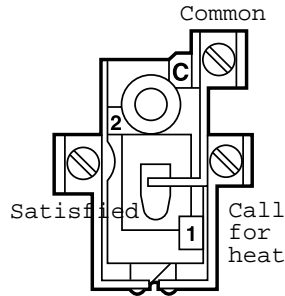


Wiring Connections

From the wiring centre or junction box, run sufficient 3-core electrical connecting cable to reach the HTS3 installation position without being under tension.

Remove the HTS3 cover by undoing the central retaining screw. Make wiring connections in accordance with the above diagram and the manufacturers instructions for associated equipment such as motorised valves, boiler; programmers etc. Replace and secure the cover.

The HTS3 is double insulated and no Earth connection is necessary. The circuit should be protected with a 3A fuse.



Fixing to the Cylinder

The base of the HTS3 should be held in good contact with the metal of the hot water cylinder.

The plastic covered spring fixing cable should be cut to an unstretched length of approximately 2 1/2" – 3" less than the circumference of the cylinder and the hook and eyelet screwed into the ends. Stretch the cable round the cylinder; above the insulation, and position it in the groove across the front of the HTS3. Engage the hook and eyelet.

