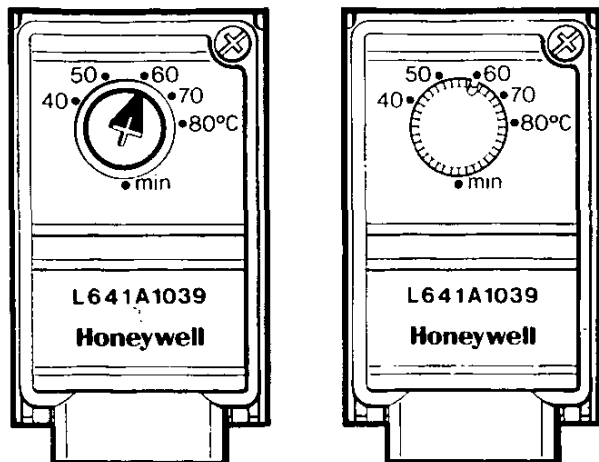


L641A - Cylinder Thermostat

40051

42007492-001 RS



With manual setting knob, see instruction 9.

APPLICATION

The L641 is a water temperature thermostat, designed for surface mounting on domestic hot water cylinders, it is supplied complete with mounting strap for rapid and easy installation. Draining of the system or tapping of the cylinder is not necessary.

FEATURES

- The S.P.D.T. switching action is accomplished by a snap-action Micro Switch* which is actuated by a temperature sensing element.
- The desired temperature control point is set by the clearly scaled temperature selector on the front cover.
- Wiring terminals are easily accessible.
- Tamperproof temperature setting.
- Optional manual setting knob supplied.

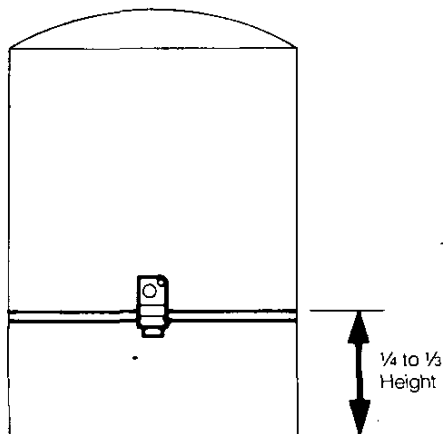
SPECIFICATION

Switch Action: SPDT, Type 1CL.
Switch Rating: 230V~ 4(2)A
Temperature Setting Range: 40°C...80°C
Differential: Approximately 10°C non-adjustable
Ambient Temperature Range: 0°C...55°C
Cylinder Surface Temperature Range: 0°C...95°C

*Trademark

1

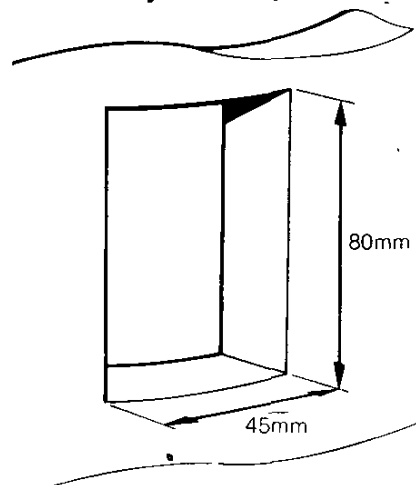
Mounting Position



The cylinder thermostat should be mounted 1/4 to 1/2 of the way from the bottom of the cylinder.

2

Pre-insulated Cylinder Preparation

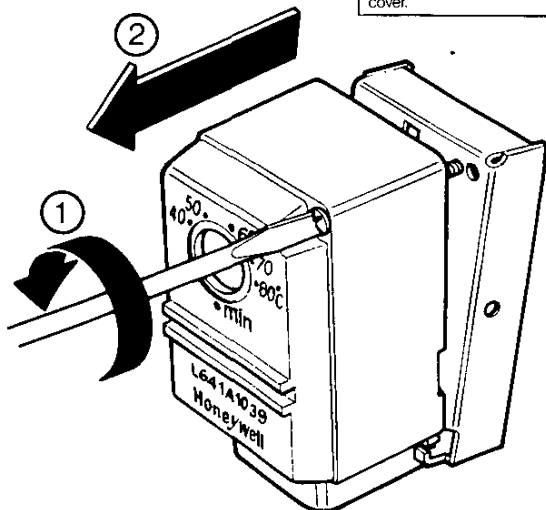


Remove a section of insulation as specified. Clean cylinder surface to ensure good surface contact.

3

Cover Removal

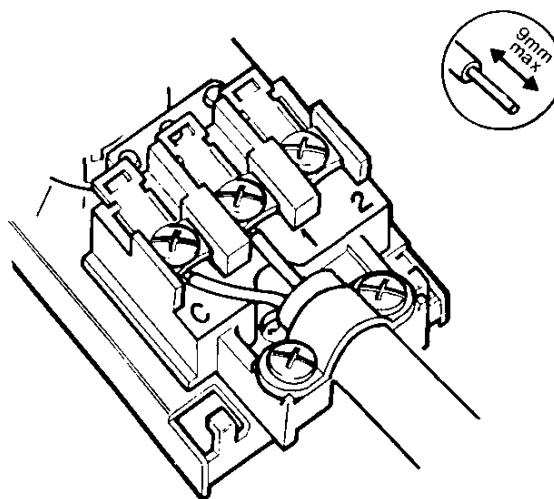
Caution: Disconnect system Power supply before removing cover.



Cover installation is the reverse of above

4

Wiring to Terminals



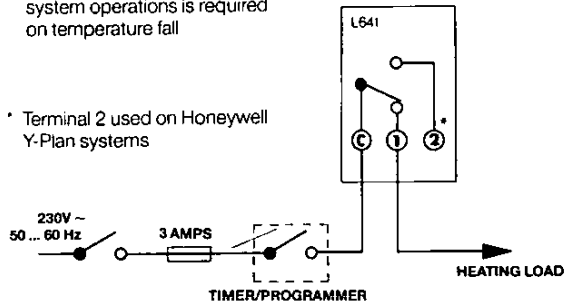
Installation Instructions

5

Wiring Diagram

Use connections C and 1 when system operations is required on temperature fall

* Terminal 2 used on Honeywell Y-Plan systems



Regulations

All wiring must be in accordance with IEE regulations.

Use heat resisting flexible cable rated at 85°C.

A class 'A' switch (having contact separation of at least 3mm in all poles) must be incorporated in the wiring as a means of disconnecting the mains supply.

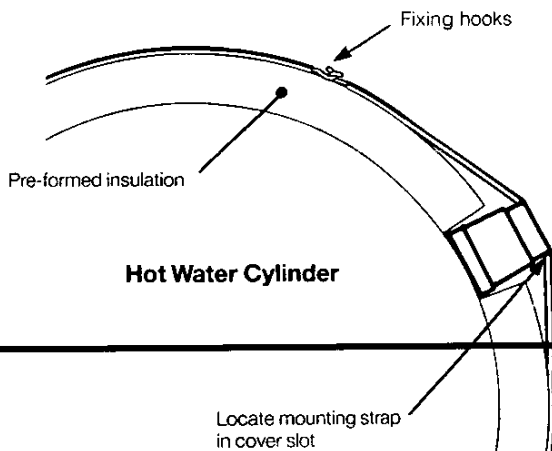
The thermostat is a class II (double insulated device) requiring no earth connection.

The heating system must be appropriately fused with a fuse rating of no higher than 3 amps.

For use in normal domestic environments.

6

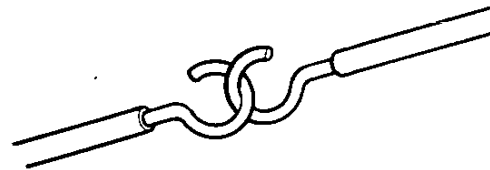
Mounting



7

Fixing Strap and Hooks

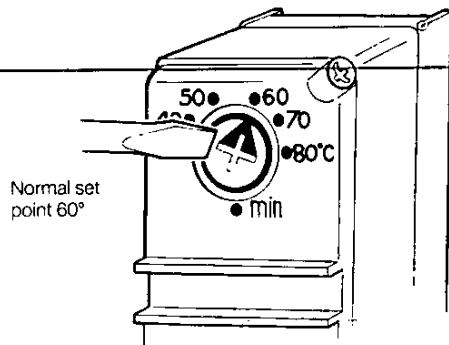
Cut strap to size (if required) to ensure thermostat is held firmly against cylinder.



Screw hooks into strap and link together.

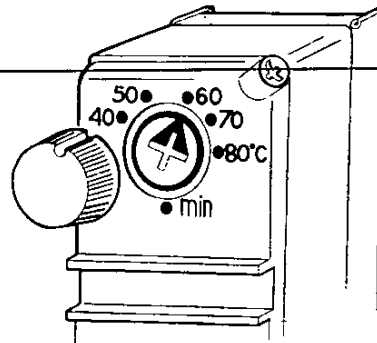
8

Temperature Setting



9

Optional Manual Setting Knob



IMPORTANT NOTE

Ensure slot in knob is aligned with arrow then push home firmly

Whilst Honeywell takes all reasonably practicable steps to design and manufacture its products to comply with the requirement of the Health and Safety at Work Act 1974, all products must be properly used and Purchasers are reminded that their obligations under the Act are to ensure that the installation and operation of such products at a place of work should be safe and without risk to them.

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The wiring diagrams and installation instructions in this publication are for guidance purposes on recognised standard systems only. Any application of this product not shown here, or any deviation from these instructions, is neither recommended nor advised. Any such application or deviation must be referred to Honeywell for technical assistance.

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