CENTER

Installation Guide
for EHE0200159 Cylinder Thermostat

Cylinder Thermostat Application

The EHE0200159 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.

Specification

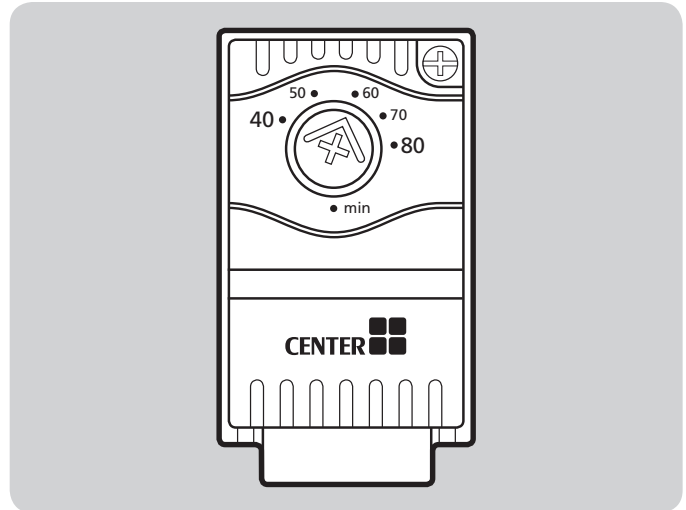Switch Action: SPDT, Type 1 CL.
Switch Rating: 230V~ 4(2)A 50...60Hz
Temperature Setting Range: 40...80°C
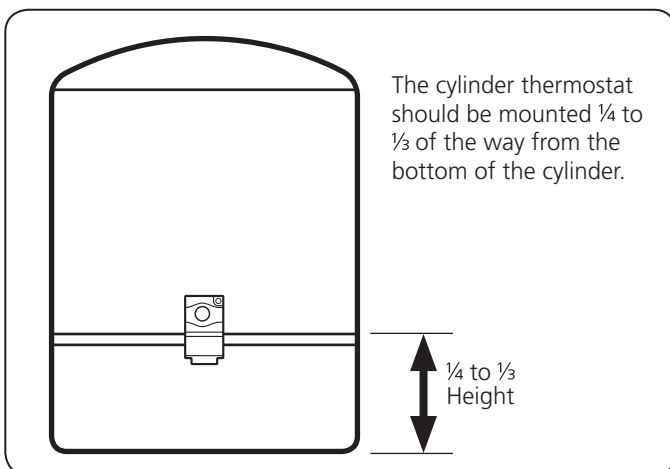Differential: Approximately 10°C non-adjustable
Ambient Temperature Range: 0...55°C
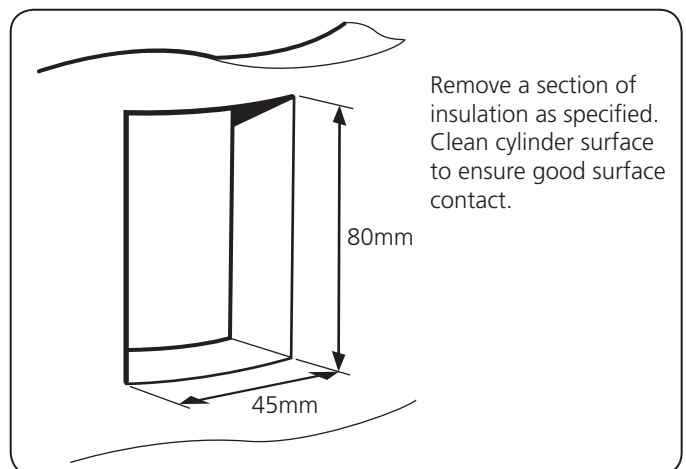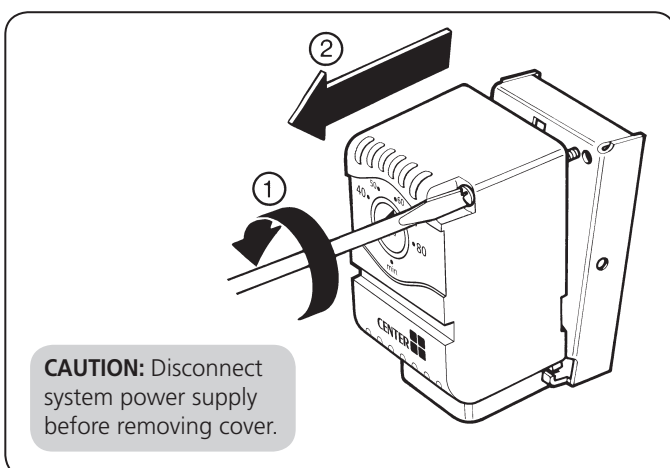Cylinder Surface Temperature Range: 0...95°C

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1. Mounting position

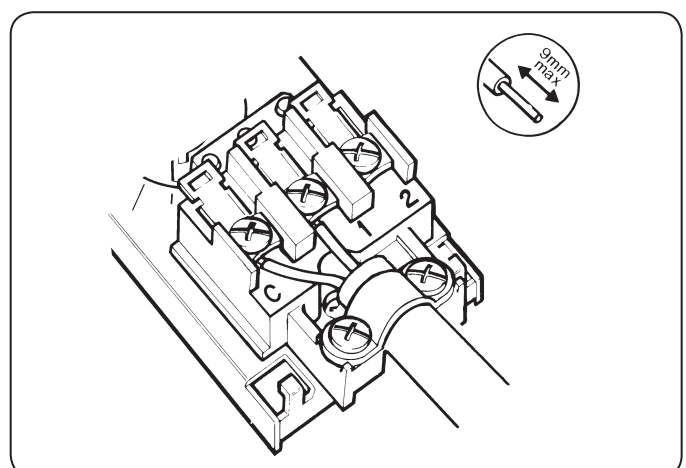The cylinder thermostat should be mounted ¼ to ⅓ of the way from the bottom of the cylinder.

¼ to ⅓ Height

2. Pre-insulated cylinder preparation

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

80mm

45mm

3. Remove the cover from the backplate

CAUTION: Disconnect system power supply before removing cover.
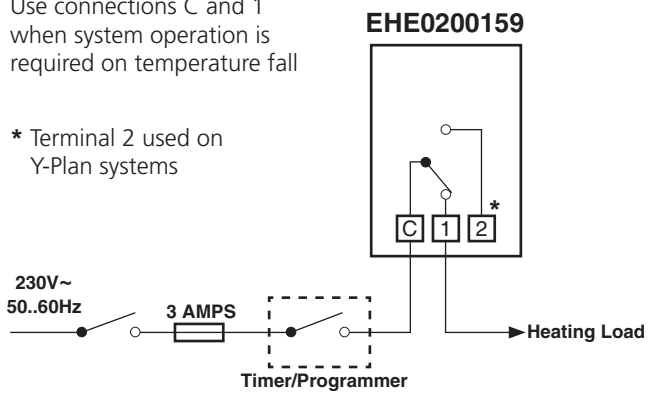
4. Connect the wiring correctly

9mm max

5. Wiring diagram

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

* Terminal 2 used on Y-Plan systems

EHE0200159

C 1 2 *

230V~ 50..60Hz

3 AMPS

Timer/Programmer

→ Heating Load

All wiring must be in accordance with I.E.E. regulations.

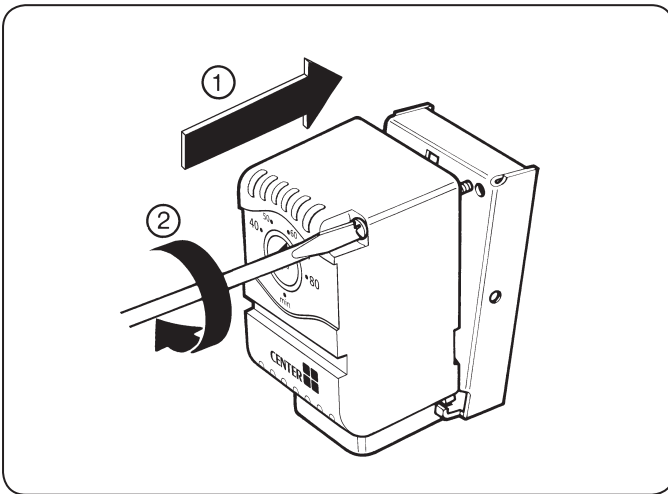Use heat resisting flexible cable rated at 85°C.

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.

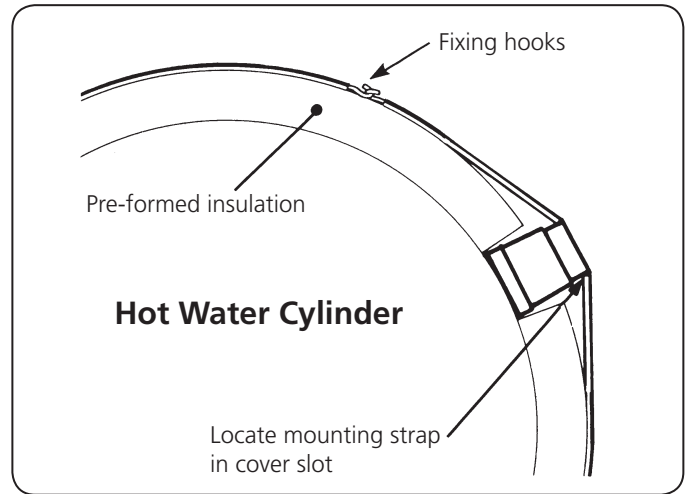The thermostat is a class II (double insulated device) requiring no earth connection.

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

For use in normal domestic environments.
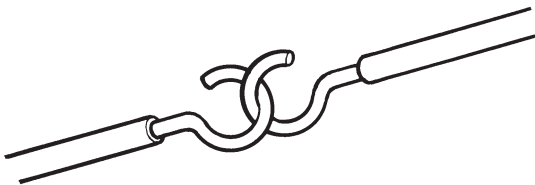
6. Attach the cover to the backplate

① ②

7. Mounting to the cylinder

Fixing hooks

Pre-formed insulation

Hot Water Cylinder

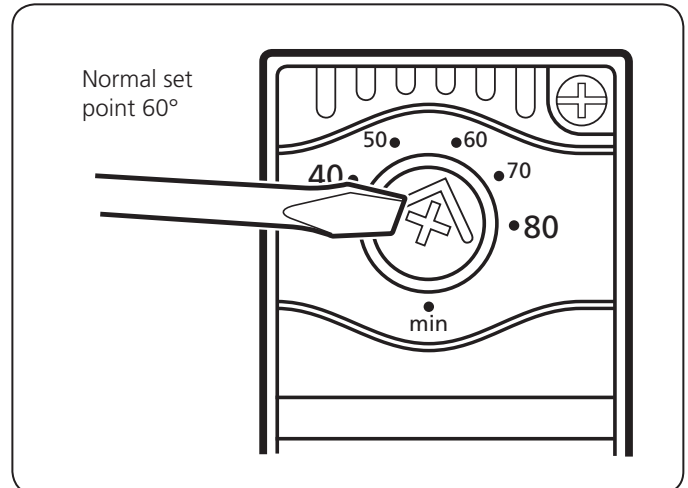Locate mounting strap in cover slot

8. 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.

9. Setting the temperature

Normal set point 60°

50 60
40 70
      •80
min