

ESI CIRRUS

Programmable Room Thermostat

ESRTP8

Installation Instructions



Warning: Always isolate the AC mains supply before installing. This product 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

Please ensure you register your thermostat for extended warranty within 30 days of purchase

Installation

Installation Safety Instructions

The ESi CIRRUS must be installed by a suitably qualified person in accordance with the latest IEE Wiring Regulations. Isolate the mains supply before starting installation. Please read all instructions before proceeding.

Ensure the fixed wiring connections to the mains supply are via a fuse rated at not more than 3 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 this product is double insulated but ensure continuity of earth throughout the system.

General Safety Instructions

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

- Electromagnetic Compatibility Regulations 2016
- Electrical Equipment (Safety) Regulations 2016
- Low Voltage Directive 2014/35/EU
- EC Marking Directive 2014/30/EU

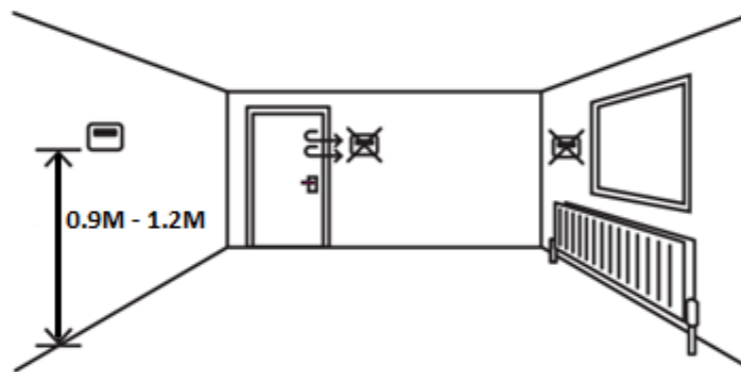
Please leave all instructions with the end user for future reference.

Maintenance

Always isolate the mains supply before commencing any work, servicing, or maintenance on the system. Please read all instructions before proceeding. Arrange for an annual maintenance and inspection schedule to be conducted by a qualified person on every part of the heating and hot water system.

Installing Your ESi CIRRUS

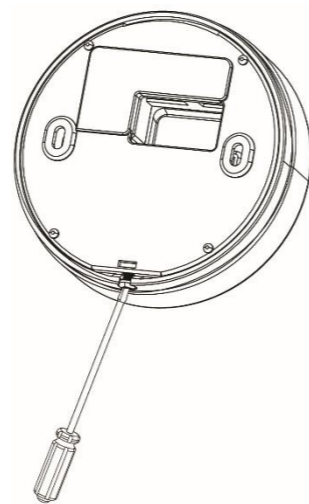
The latest legislation for installing room thermostats states the thermostat must be positioned between 0.9m & 1.2m above floor level. It should be installed in a location where it is accessible, reasonably lit and free from extremes of temperature & draughts. Do not position your ESi CIRRUS near sources of heat such as radiators, lights, TV, direct sunlight or on an outside wall.



Required During Installation

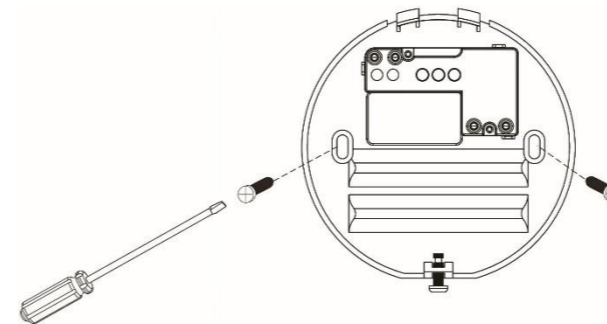
- Permanent 230V power supply to RF receiver.
- 2 x AA batteries (supplied)

Loosen the small screw at the bottom edge of your ESi CIRRUS and remove the rear cover.



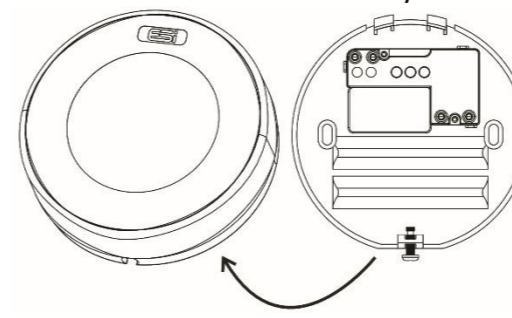
If you would like to wall mount your thermostat, use the rear cover as a guide for your drill holes, then attach the rear cover to the wall.

Return your ESi CIRRUS to the rear cover and tighten the screw.



Installing/Changing Batteries

The battery compartment is situated on the back of your room thermostat. You must ensure the 2 x AA batteries are inserted the correct way around.

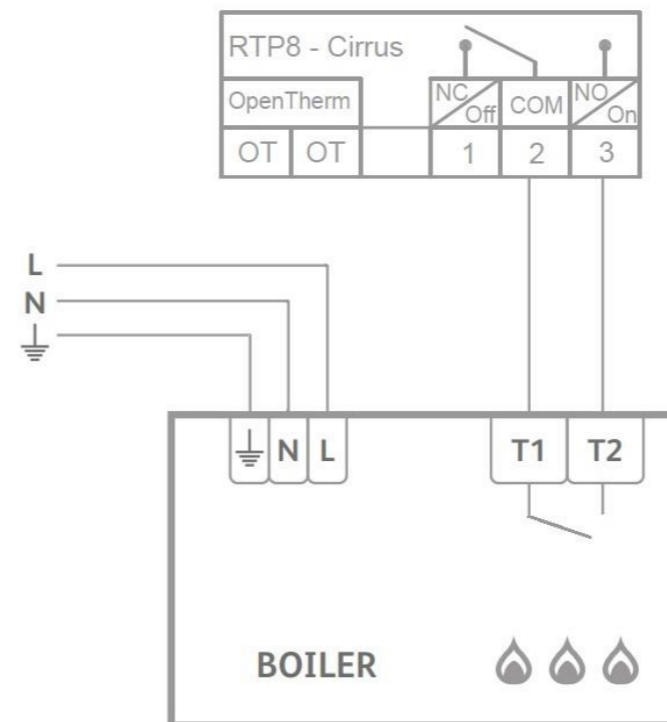


When you have inserted the batteries, re-attach the rear cover and tighten the screw.

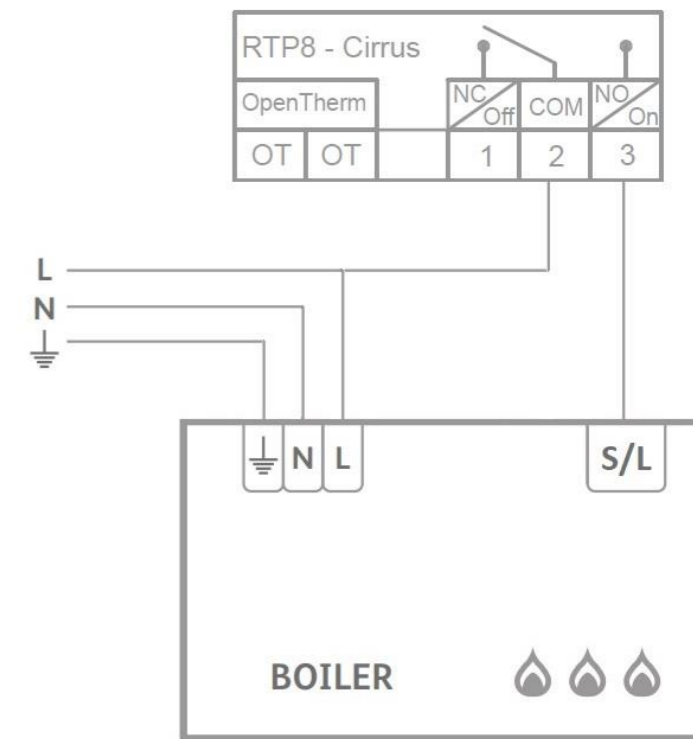
Wiring Diagrams

To ensure the most economic use of gas, OpenTherm should be used wherever possible.

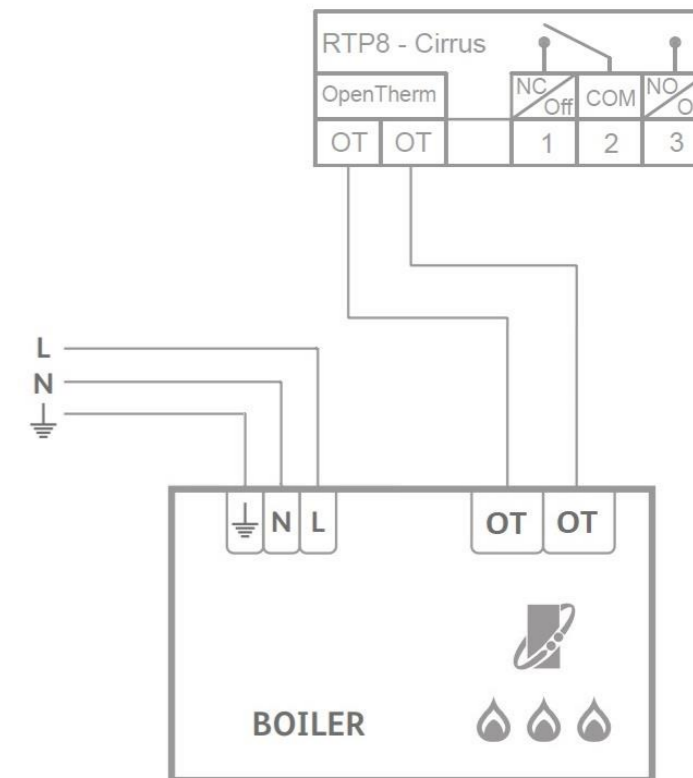
Volt Free Wiring



Switched Live Wiring



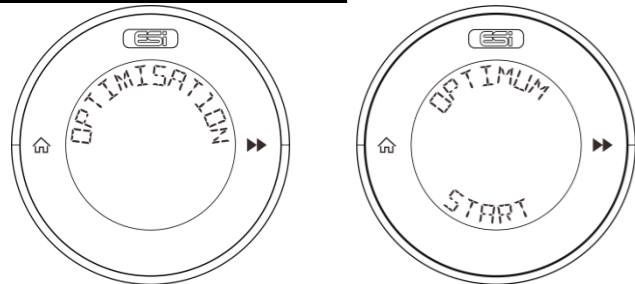
OpenTherm Wiring



Advanced Settings

To enter the Advanced Settings Menu, hold the ►► button until you can see RF SETUP on the display

Optimum And Delayed Start



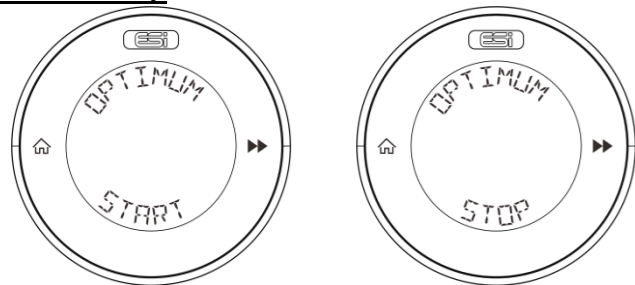
Enter the **Advanced Settings Menu** as above. Turn the **DIAL** clockwise until you can see OPTIMISATION. Press ►► & you will see OPTIMUM START. Use the **DIAL** to choose between:

- **OPTIMISATION OFF** – Delayed & Optimum Start will both be switched off
- **DELAY START ON** – Your thermostat can delay switching on your heating by up to 45 minutes, depending on the current room temperature and the SET temperature.
- **OPTIMUM START ON** – Your thermostat will bring your heating on early so the room temperature reaches your SET point at your program time.

Optimum and Delayed start cannot both be on at the same time.

Tap ►► to save your setting. Tap the **HOME** button to exit the menu.

Optimum Stop

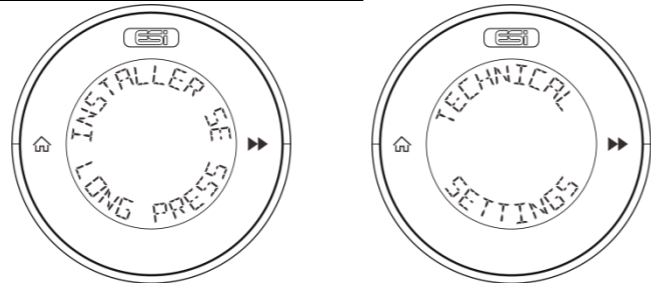


Enter the **Advanced Settings Menu** as above. Turn the **DIAL** clockwise & you will see OPTIMISATION. Press ►► & you will see OPTIMUM START. Turn the **DIAL** clockwise to see OPTIMUM STOP. Press ►► to enter Optimum Stop menu. Use the **DIAL** to choose between ON & OFF.

Tap ►► to save your setting. Tap the **HOME** button to exit the menu.

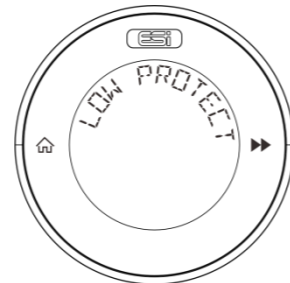
Technical Settings

Low Temperature Protection

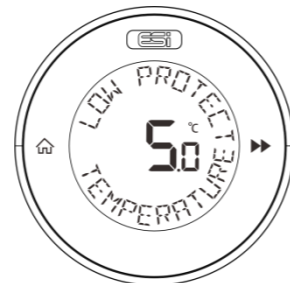


Enter the **Advanced Settings Menu** as above. Use the **DIAL** to navigate to INSTALLER SETTINGS. LONG PRESS

Hold ►► until the display shows TECHNICAL SETTINGS

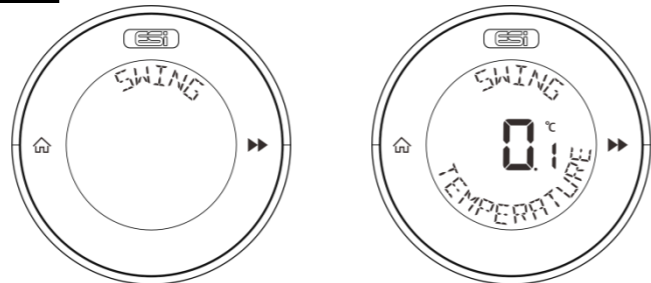


Press ►►, the display will show LOW PROTECT This is the **Technical Menu**



Press ►►, the display will show LOW PROTECT TEMPERATURE and 5.0°C in the centre of the screen. Use the **DIAL** to select a temperature which you would like as a frost protection temperature setting (between 0.5°C and 20.0°C) Tap ►► to save your setting. Tap the **HOME** button until you get back to your home screen.

Swing



Enter the **Technical Menu** as above. Use the **DIAL** to navigate to SWING. Tap ►►

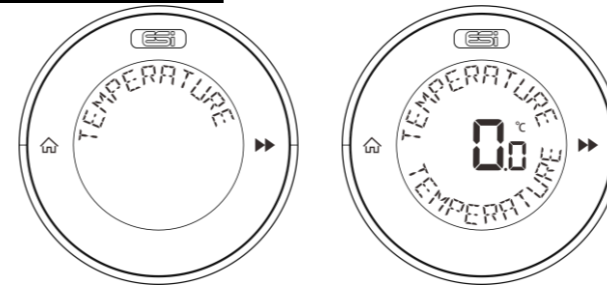
The display will show SWING TEMPERATURE with 0.1°C in the centre of the display.



Use the **DIAL** to adjust the **SWING** setting (0.1°C to 3.0°C).

Tap ►► to save your setting. Tap the **HOME** button until you get back to your home screen.

Manual Calibration



Navigate to the **Technical Menu** as above. Use the **DIAL** to select TEMPERATURE CALIBRATION

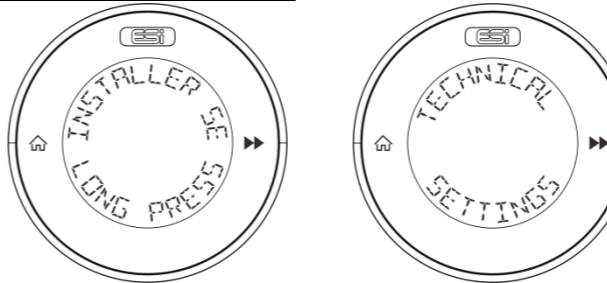
Press ►►, the display will show TEMPERATURE CALIBRATION at the top of the screen and 0.0°C flashing in the centre of the screen.



Use the **DIAL** to adjust the number in the centre of the screen (-3.0°C to +3.0°C).

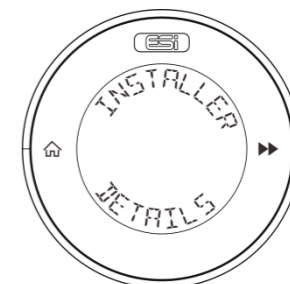
Tap ►► to save your setting. Tap the **HOME** button until you get back to your home screen.

Entering Installer Details

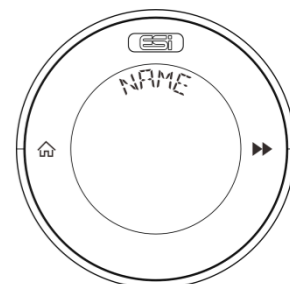


Enter the **Advanced Settings Menu** as described earlier. Use the **DIAL** to navigate to INSTALLER SETTINGS LONG PRESS

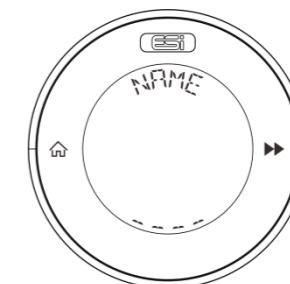
Hold ►► until the display shows. TECHNICAL SETTINGS



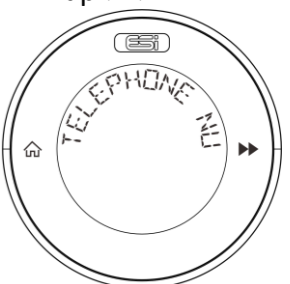
Use the **DIAL** to scroll to INSTALLER DETAILS Tap ►►



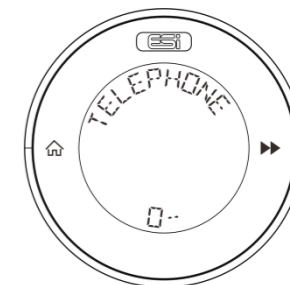
NAME will appear at the top of the screen. Tap ►►



You will see - - - - - at the bottom of the display. Use the **DIAL** to scroll through letters and use ►► to move onto the next character (up to 12 characters)



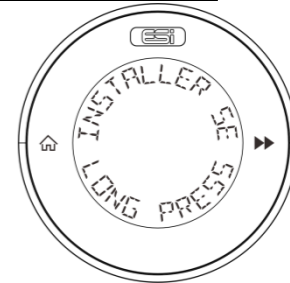
When you have finished entering your name, tap ►►, you will see TELEPHONE NUMBER on the display. Press ►►



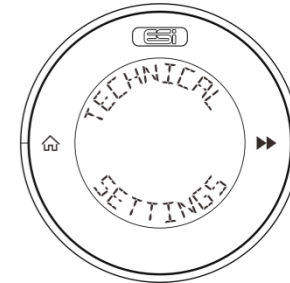
The display will show TELEPHONE at the top of the display and - - at the bottom of the display. Use the **DIAL** to scroll through the numbers and use ►► to move to the next number.

When you have finished, tap ►► to save your setting. Tap the **HOME** button until you get back to your home screen.

Landlord Settings



Enter the **Advanced Settings Menu** as described earlier. Use the **DIAL** to navigate to INSTALLER SETTINGS LONG PRESS

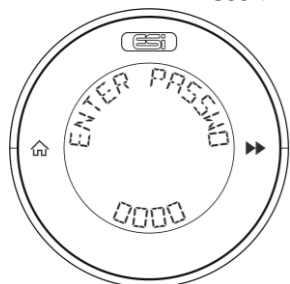


Hold ►► until the display shows. TECHNICAL SETTINGS

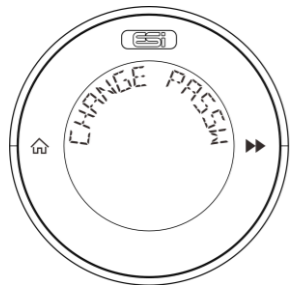


Use the **DIAL** to select LANDLORD SETTINGS
Press ►►

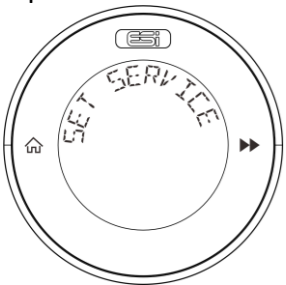
The display will show SERVICE INTERVAL SETTINGS.
Press ►►



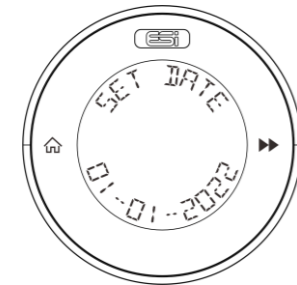
The display will show ENTER PASSWORD (PIN) at the top of the screen and 0000 at the bottom of the screen. Use the **DIAL** to scroll through the numbers and use ►► to move to the next number. The default PIN is 0000. When you have entered the PIN, tap ►►



The display will show CHANGE PASSWORD. If you don't want to change the PIN, use the **DIAL** to enter the Landlord Settings and move onto the next step below. To change the PIN, tap ►► and use the **DIAL** to scroll through the numbers and use ►► to move to the next number. When you have entered a new PIN press ►►



The display will show SET SERVICE DUE DATE
Tap ►►

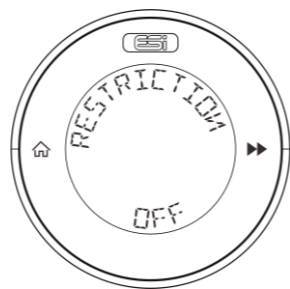


The display will show SET DATE at the top of the screen & a date at the bottom of the screen.

Use the **DIAL** to scroll through the numbers and use ►► to move to the next number.



Tap ►► The display will show RESTRICTION LEVEL
Tap ►►



The display will now show RESTRICTION LEVEL at the top of the screen and OFF at the bottom of the screen

Use the **DIAL** to adjust the RESTRICTION LEVEL, see below for a guide to the different Levels

OFF – Landlord settings are switched off.

Level 1 – Installer details will be displayed on the screen.

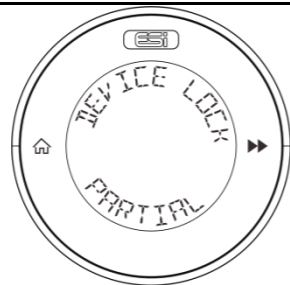
Level 2 – Installer details will be displayed on the screen. Your ESi CIRRUS will only provide heat for 45 minutes per hour after the due date.

Level 3 – Installer details will be displayed on the screen. Your ESi CIRRUS will only provide heat for 30 minutes per hour after the due date.

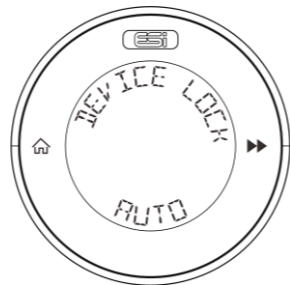
Level 4 - Installer details will be displayed on the screen. Your ESi CIRRUS will only provide heat for 15 minutes per hour after the due date.

Tap ►► to save your setting. Tap the **HOME** button until you get back to your home screen.

Device Lock - Partial Lock

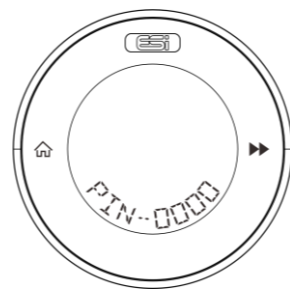


Tap ►► and use the **DIAL** to navigate to DEVICE LOCK. Tap ►►. You will see PARTIAL at the bottom of the screen.

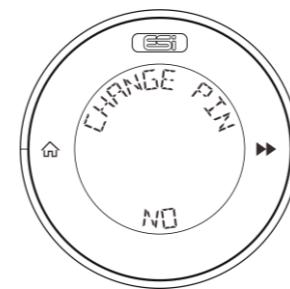


Tap ►► and use the **DIAL** to select AUTO or MANUAL. Tap ►► to confirm.

Choosing **AUTO** will lock your thermostat to your program settings. Choosing **MANUAL** will lock your thermostat without running any programs.

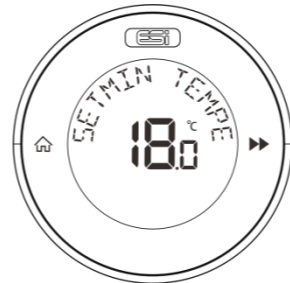


The bottom of the display will show PIN 0000. Use the **DIAL** to scroll through the digits and ►► to move to the next digit. When you have entered your PIN, Tap ►►

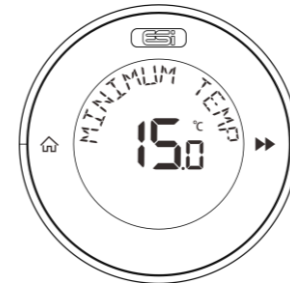


You will see CHANGE PIN at the top of the display and NO at the bottom of the screen Use the **DIAL** to select between YES & NO

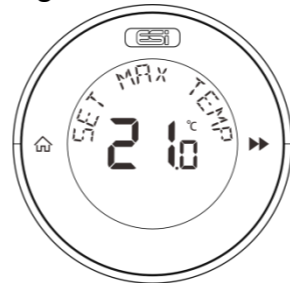
If you would like to change your PIN now, select YES and Tap ►►. Use the **DIAL** to select the digit & ►► to move to the next digit and save.



SET MIN TEMPERATURE will show at the top of the display & a temperature in the centre of the display e.g. 18.0°C.



Use the **DIAL** to set a MINIMUM TEMPERATURE, e.g. 15.0°C. Tap ►►.



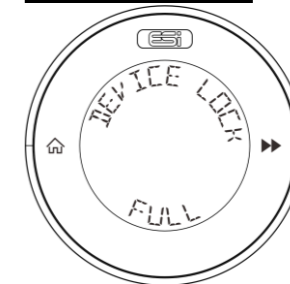
SET MAX TEMPERATURE will show at the top of the screen & a temperature in the centre of the screen e.g. 21.0°C.



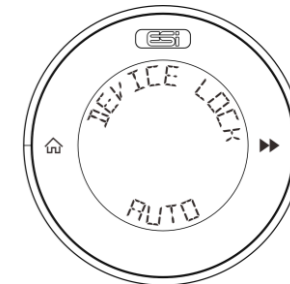
Use the **DIAL** to set a MAXIMUM TEMPERATURE e.g. 22.0°C. Tap ►► The display will return to your HOME screen.

Pressing any of the buttons will show DEVICE LOCK at the top of the screen. You will be able to change the SET temperature using the **DIAL** between the minimum & maximum temperatures set above. To disable Partial Lock, press the **MODE BUTTON** and enter the PIN using the **DIAL** to select numbers and ►► to confirm.

Device Lock - Full



Tap ►► and use the **DIAL** to navigate to DEVICE LOCK. Tap ►► & you will see FULL at the bottom of the screen.



Tap ►► and use the **DIAL** to select AUTO or MANUAL. Tap ►► to confirm.

Choosing **AUTO** will lock your thermostat to your program settings. Choosing **MANUAL** will lock your thermostat without running any programs.

Your ESi CIRRUS will return to your HOME screen Pressing any of the buttons will show DEVICE LOCK at the top of the screen. You will not be able to change the SET temperature using the **DIAL** To disable Full Lock, press the **MODE BUTTON**, and enter the PIN using the **DIAL** to select numbers and ►► to confirm.

Upgrade To Smart Control

To enable Smart Control of your heating, your ESi CIRRUS must be paired with the ESWIFIHUB (Sold Separately)

Pair ESi CIRRUS With ESWIFIHUB

On your ESWIFIHUB, hold the right button (Wi-Fi) until the left button (RF) flashes green. On your ESi CIRRUS, hold the ►► button until the display shows RF SETUP Tap ►►, the display will show RF PAIR PAIRING with a number counting upwards. When your ESi CIRRUS & ESWIFIHUB are paired, you will see SAVING at the bottom of the screen.

When your CIRRUS & ESWIFIHUB are paired, download the ESi Centro app & follow the instructions on Centro to pair your ESWIFIHUB with your home network.

When connected to the ESi Centro app, this thermostat is compatible with Alexa ©

Technical Data

	Thermostat
Temperature Control Class	ErP Class V Product (3%)
Energy Efficiency Technology	Optimum Start Optimum Stop Delayed Start OpenTherm
Programming	7 Day, 5/2 Day or 24 Hour
Power Supply	2 x AA batteries
Temperature Adjustment Range	5°C to 35°C
Total Switch Rating	3(1)A
Heating Contact Type	SPDT (voltage free changeover contacts)
Temperature Sensor Type	Multi-thermistor with intelligent compensation
Temperature Accuracy	+/- 1°C @ 20°C
Enclosure Material	Flame retardant thermoplastic
Ingress Protection Class	IP30
Dimensions (<i>main unit, excluding connections</i>)	D = 65mm W = 92mm H = 110mm
Program Events	Selectable 4 or 6 programs
Clock	Crystal controlled; automatic time change between BST/GMT
Standard Compliance	EN60730-1 EN60730 2.7, EN55014 1:2006+A1:2009+A2:2011, EN61000-3-2:2014, EN61000-3-3:2013, EN55014-2: 2015, EN60730- 1:2011, EMC Directive 2014/30/EU, LVD Directive 2014/35/EU

Warning: Interference with sealed parts renders the warranty void.

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.



Energy Saving Innovative Controls Limited

www.esicontrols.co.uk