4iE® Programmable, Touch-Screen Thermostat

Smarten your Floors

Please visit www.warmup.com (US) and www.warmup.ca (CAN) for videos, specification sheets and complete wiring and mounting instructions.

Veuillez visiter www.warmup.com (États-Unis) ou www.warmup.ca (Canada) afin de trouver les vidéos d'installation, fiches techniques, guides de câblage complets et instructions de montage.

Por favor, visite www.warmup.com (Estados Unidos) o www.warmup.ca (Canadá) para los videos de instalación, hojas de datos, guías de cableado e instrucciones de instalación.

(1)   **Language -** Set your language preference

(2)   **Heater Type**
        Electric floor
        The power settings have to be entered. Voltage is defaulted to 120V and the power is the total wattage of
        the heaters which the 4iE is controlling. The wattage ratings of the heaters can be found in the heater
        manual or online at warmup.com or warmup.ca

        Hydronic floor
        The power settings have to be entered. If you do not know the efficiency percentage and kW rating of your
        hydronic system, please consult your installer

(3)   **Set time -** Set the current time

(4)   **Set date -** Set the current date

(5)   **Set daylight savings -** Set Europe, N.America, Australia or switch off

(6)   **Temperature format -** Set the format as degrees Celsius or Fahrenheit

(7)   **Home screen style -** Set your home screen style

(8)   **Background image -** Set your background style

(9)   **Display brightness -** Set the display and standby brightness

(10)   **Audio feedback -** To turn the touch sounds when making a selection ON/OFF

(11)   **Heating target -** Control the heating via air or floor sensor

(12)   **Heating limits -** Delicate floor coverings such as vinyl, carpet and laminate must be limited to 81°F. Tile
        floors can be set to a maximum of 104°F

(13)   **Tariff setting -** Select the tariff you are on with your energy provider and enter cost per kWh

(14)   **Program setting -** Select a preset program, set a fixed temperature or set your own custom program

(15)   **Setback temperature -** The setback temperature is the temperature you set for periods where you would
        like a lower temperature or no heating

<u>**NOTE**</u>: when the reset has been pressed, the time for reset will need 2 ~ 5 seconds.

SCHEDULING

With your 4iE, you can choose to set a custom heating schedule, fixed temperature or a preset program designed for different rooms.

To adjust the program, you must highlight the days that you want to program by pressing them, then press **Program**. You can select multiple days in any combination, such as weekdays only, to program separate weekday and weekend temperatures. To do this, program all the weekdays at once and then program the weekend when you're finished.

The programming works by setting Comfort Periods of warm temperatures, shown with a green line. Any time not covered by a Comfort Period will use a lower Setback temperature to save energy. The default setback temperature is 61˚F and you can change this once you've set up your program if needed.

You can add up to 5 Comfort Periods per day and when you've set what you want, just press **Done**. You'll see the summary of your program which you can edit by repeating the steps above, or just press **Accept** to set your program.

TECHNICAL SPECIFICATIONS

Supply Voltage	120-240V, AC +10% / -15%, 60Hz
Maximum Switch Load	15A Note: This product is not designed to be used with any inductive load
GFCI	Class A GFCI with 5mA trip level
Temperature Display Range	+32°F to 122°F (0°C to +50°C)
Operating Temperature	+32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to +60°C)
Dimensions	90 x 120 x 21.7mm (2-3/4" deep double gang box recommended)
Floor Senor Type	NTC (10K)

IMPORTANT NOTICES

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
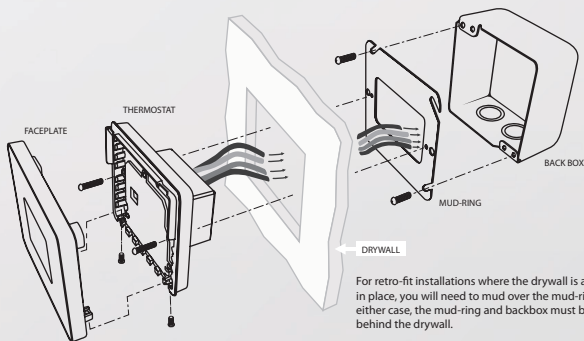
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- – Reorient or relocate the receiving antenna.
- – Increase the separation between the equipment and receiver.
- – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- – Consult the dealer or an experienced radio TV technician for help.

Caution: To maintain compliance with the RF exposure guidelines, place the unit at least 20cm from nearby persons.

INSTALLATION

FACEPLATE

THERMOSTAT

BACK BOX

MUD-RING

DRYWALL

For retro-fit installations where the drywall is already in place, you will need to mud over the mud-ring. In either case, the mud-ring and backbox must be installed behind the drywall.

ELECTRICAL WIRING

NOTE: All cables and connections must be carried out by a qualified electrician and must conform to the local electrical code. Conduits are only required where it is mandated by state or provincial code. Please refer to local electrical code for compliant applications.

LINE RED

LINE BLACK

LOAD RED

LOAD BLACK

BARE COPPER (ground)

WARMUP HEATER 15A MAX.

FLOOR SENSOR

L1-LOAD-L2

L1-LINE

3 EXT

SENSOR (NO POLARITY)

Caution: High Voltage Disconnect power supply before servicing.

AVERTISSEMENT: HAUTE TENSION

Do not use where exposed to water

Ne pas installer à proximité d'une source d'eau

L1-LOAD-L2

L1-LINE

1 2 3 EXT

SENSOR (NO POLARITY)