Heat Electric Radiators
Installation and Operating Instructions

INSTALLER PLEASE NOTE:
LEAVE INSTALLATION AND OPERATING INSTRUCTIONS WITH CUSTOMER

1.0   Contents

2.0 This manual covers the following models

Radio Frequency Enabled

The radio frequency enabled model contains a dial temperature setting, tamper proof cover and a hidden air sensing thermostat, allowing for simple to use heat control. The radiator can be used with an optional wireless Radio Frequency controller.

Timer

The timer model features a 24 hour segment timer to allow easy heat and time programming, a dial temperature setting, tamper proof cover and a hidden air sensing thermostat.

Radio Frequency Control Options

The Radio Frequency controllers are an optional extra for the radio frequency enabled model. They provide wireless, 7-day, 24 hour digital thermostat which ensure the maximum level of energy efficient heating. The controller also allows for six different temperature settings per day and can program several radiators as a group. Installing more than one controller within a home allows for zoned controllability. They can be wall mounted, are battery powered and display the current and target room temperatures.

RFC1   **RFC3**

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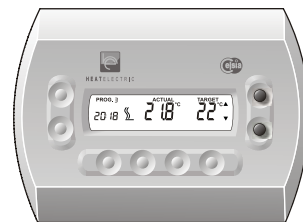
3.0   Important Health and Safety Information

In normal operation **SURFACES OF THE RADIATOR CAN BECOME HOT AND CONTACT WITH THESE AREAS SHOULD BE AVOIDED**. If young children, the aged, or infirm are likely to be left unsupervised in the vicinity of the radiator, we advise that adequate precautions should be taken. We recommend that a guard be used to ensure that contact with the radiator is not possible. An LST (Low Surface Temperature) cover is available to solve this problem.

Minimum Installation Requirements for Domestic Bathrooms		
ZONE	MINIMUM IP RATING	POWER SUPPLY
ZONE 0	IP67	LOW VOLTAGE
ZONE 1	IP44	LOW VOLTAGE
ZONE 2	IP44	LOW OR MAINS VOLTAGE
ZONE 3	NO IP RATING REQUIRED	LOW OR MAINS VOLTAGE
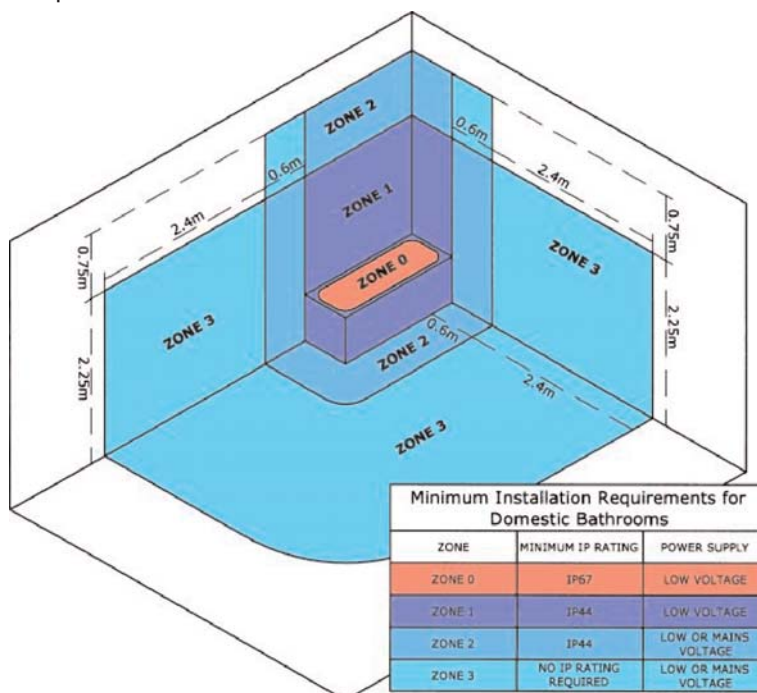
The RF controlled radiator is a "class I" IP44 device and it can be installed in bathrooms zone 2 and 3 provided that no electric control unit can be touched by people using the bath-tub or the shower. If the radiator is installed in zone 2 or zone 3 it must be wired into a fused spur located in the appropriate zone.

The timer radiator is IP20 compliant and can be fitted in Zone 3.

> ⚠️ **Warning**
> Both the RF controlled and timer radiators must not come in direct contact with water. This includes excessive humidity or using wet hands to operate the controls.

WARNING! – The radiator must not be located immediately below or in front of an electrical socket outlet.

WARNING! – The radiator must only be operated in the upright position and fitted to the wall with the fixing brackets supplied.

Ensure that the mains lead is properly secured to avoid trip hazards.

DO NOT operate the radiator with the mains lead overhanging the radiator.

DO NOT FULLY COVER THE RADIATOR or place material or garments on it. Do not obstruct the air circulation around the radiator, for example with curtains or furniture.

Supply Voltage – 230-240VAC 50Hz

WARNING – THIS APPLIANCE MUST BE EARTHED.

This radiator must be used on an AC supply only, and the voltage marked on the radiator must correspond with the supply voltage.

Installation must be in accordance with the requirements of the current edition of the IEE Wiring Regulations 16th Edition.

Supply

This radiator must be plugged into a switched socket or wired into a fused spur. If wiring into a fused spur remove the plug and dispose of safely. (If installing in France please ensure the radiator is wired into a fused spur only.)

Supply cord

This radiator is fitted with a moulded plug incorporating a 13 amp fuse. Any replacement fuses must be approved by BSI to BS 1363. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

4.0   Radiator Installation Instructions

During transit the fluids contained in this radiator may have moved from important sensing positions.

To ensure reliable operation, the radiator should be carefully stood on one of its cardboard endcaps, with the control panel facing down, for thirty minutes prior to installation.

4.1   Positioning

A suitable position for the radiator should be chosen, and the positions of the mounting brackets marked on the wall, using the dimensions given below.

For optimum output, the bottom of the radiator should be 150mm from the floor. Any shelf or substantial projection should be a recommended minimum of 150mm above the top of the radiator.

200mm recommended, 150mm min
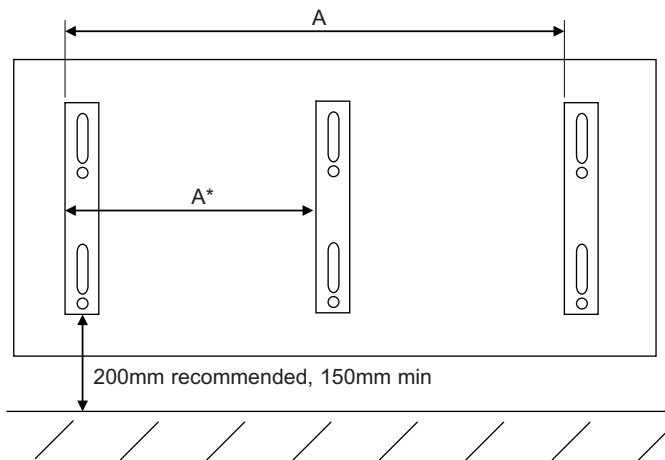
Note: * dimensions for additional bracket for radiators 2000mm long only.

Model	3100	3140	3160	3200	4100	4140	4160	4200
Bracket Width (mm)	800	1200	1400	1800	800	1200	1400	1800
A* (mm)	-	-	-	900	-	-	-	900
Weight (kg)	25	33	35	45	33	44	50	61

Model	6040	6060	6080	6100	6120	6140	6160
Bracket Width (mm)	200	400	600	800	1000	1200	1400
A* (mm)	-	-	-	-	-	-	-
Weight (kg)	25	29	40	50	58	65	70

4.1   Fitting

Ensure that the brackets are fitted towards the outside of the hangers on the radiator. This will prevent any lateral movement when the radiator is mounted.

To install the radiator at the recommended minimum height, the bottom of the wall fixing bracket should be approximately 200mm from the floor (see diagram and table above). To allow for other heights above the floor, note that the bottom of the fixing bracket is approximately 50mm above the bottom of the radiator.

For most efficient operation of the radiator, there should be a gap between the skirting board and the rear panel of the radiator to allow air flow behind the radiator. If the bottom of the radiator is below the top of the skirting board, it may be necessary to remove a section of skirting for this purpose.

Place the bracket vertically against the wall at the appropriate height, and to suit the length of the radiator. Mark the positions of the fixing holes on the wall.

> ⚠️ **Warning**
> When drilling wall, care must be taken to avoid existing wires and pipes.

> 👁 **Caution**
> Fix the brackets to the wall using fixings appropriate to the wall material and the weight of the radiator.
> The radiators are supplied with wall brackets and fixings.
> These fixings may not be suitable for the type of wall fixing.

Insert the plastic grommets (A) onto the brackets (these minimise expansion and contraction noise.) Pull down the spring loaded part of the bracket (B), and push it back to locate it in its lower position.

Hook the radiator lugs on to the tops of the brackets. Return the spring loaded part of the bracket (B) to its original position, thereby securing the bottom of the radiator in its final position.

A) Plastic Grommet
B) Catch in raised position

A) Plastic Grommet
B) Catch securing radiator
B) Catch in lowered position
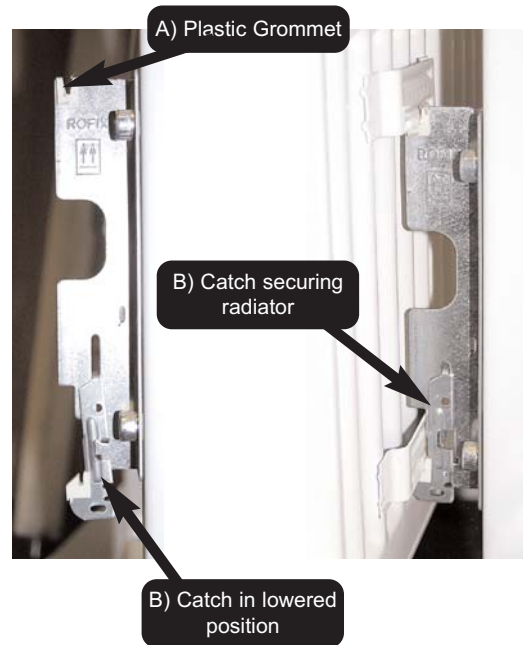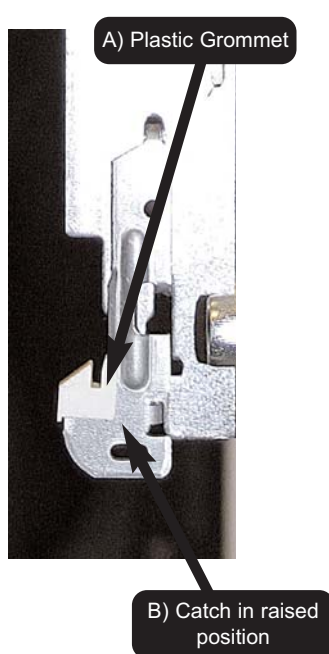
5.0   Operating Instructions

> **Note**
> This instruction manual should be read carefully and retained by the user. Particular attention must be made to the health and safety information at the beginning of this manual.

5.1   Before Switching On

Ensure that the radiator has been installed correctly and that all warnings and instructions have been read carefully and followed.

5.2   Switching On

When you are certain that you have completed the above, plug in and switch on at the wall socket. Switch the power ON, check the supply light is illuminated ORANGE for a short while then either GREEN or RED depending on the ambient temperature of the room. This light can be seen on the control panel.

> **Warning**
> DO NOT switch off the radiator at the wall socket when the radiator is warm.

> **Note**
> It is strongly recommended that radiators (all models) are run for ½ hour each month during the summer to ensure that the pump is fit for winter operation.

5.3 | Manual Operation

Turn the thermostat knob clockwise to start heating the radiator.

The supply light will show RED when heating up.

As the room thermostat reaches the target temperature the supply light turns ORANGE. When the ambient air exceeds the desired temperature the supply light turns GREEN.

The heat demand can be altered using the thermostatic knob. The first time the radiator is switched on you may hear a slight water rushing noise as the pump starts, this will only be for a short while, and from then on the radiator will operate very quietly.

24 Hour Timer

Supply Light

Thermostat Knob
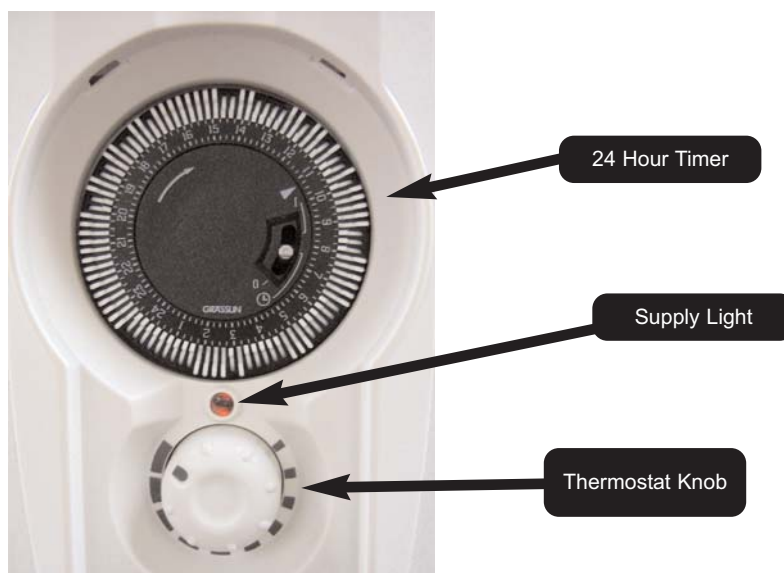
5.4 | 24 Hour Timer

Setting the Time

The outer dial should be set to the current time. Rotate the dial slowly in a clockwise direction, until the correct hour is aligned with the arrow printed on the dial.

Current Time
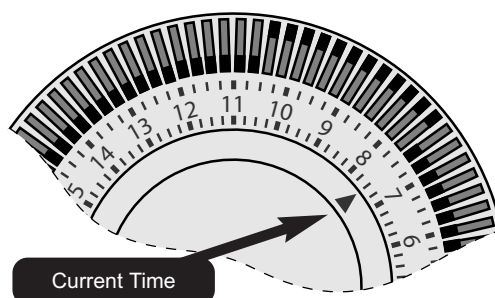
The outer dial is printed with the 24 hour clock:

8:00am = 8 on the dial

8:00pm = 20 on the dial

Do not attempt to rotate the dial in an anti-clockwise direction.

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5.5 | Setting the Heating Times

Set all tappets between the on and off times required, to the outer edge of the dial.

eg. To set on at 8:00 am – Off at 1:00 p.m. push the tappets between dial numbers 8 and 13 to the outer edge of the dial. Each tappet equates to 15 minutes. Set any other required switching times in a similar manner.

Tappets in OFF position

Tappets in ON position
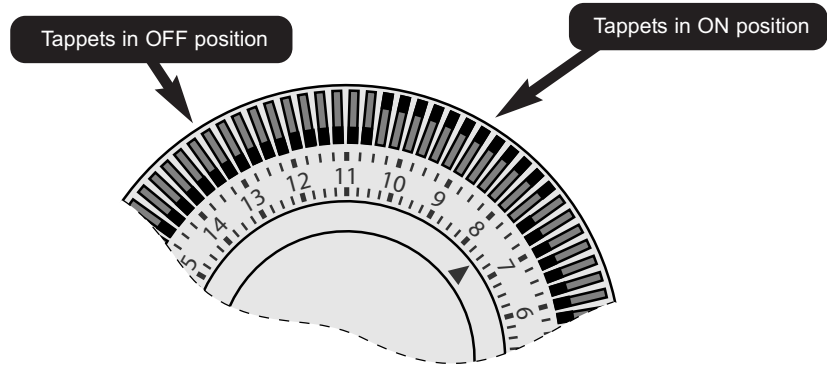
5.6 | Overriding the Timer

The manual switch will provide Permanently On / Timed / Permanently Off control , thereby allowing manual control of the output without disrupting the timed (tappet) settings.

Permanently ON

TIMED - Tappets
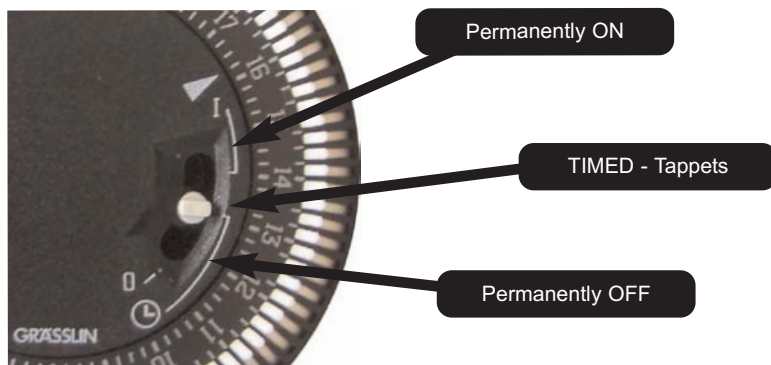
Permanently OFF

⚠ **Warning**
The Permanently ON setting should not be selected for more than 24 hours at any one time.

6.0 Radio Frequency Control Options (RFC1 and RFC3)

RFC1   **RFC3**

| Holiday Button | Boost Button | Set-Back Button | Advance Button | Quick Adjust Buttons |

Note: RFC3 uses Quick Adjust buttons to access all functions

Radio Frequency Controllers (RFC1 and RFC3) are wireless (433MHz) thermostats giving high precision room temperature control. They are also a seven day programmer with up to six temperature settings per day. Each RFC can control any number of radiators.
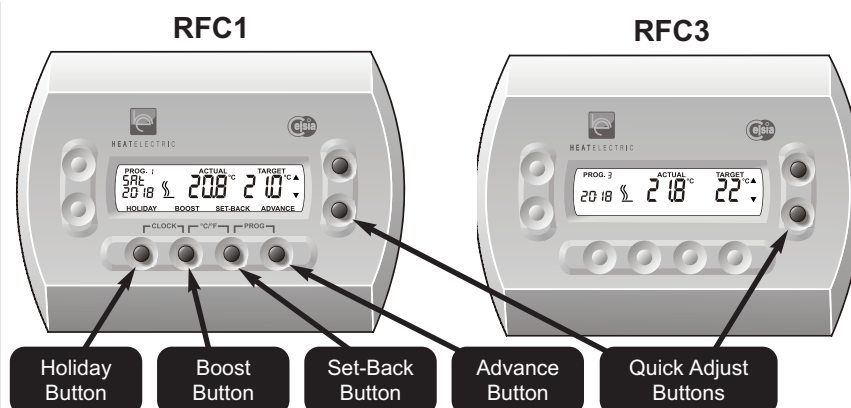
The temperature control is primarily set by the RFC. To allow the RFC to control your radiator fully; the thermostat knob must be turned fully clockwise. This will allow the RFC to run your radiator at full output if the need arises. You can however choose a lower radiator setting for systems where multiple radiators are operated by the same RFC by turning the thermostat knob anti-clockwise.

6.1 Batteries

Your radio frequency controller is supplied with two factory fitted AA size alkaline batteries, these should last around two years. The low battery symbol appears when it is time to replace them. If you don't replace them for two weeks the symbol will start to flash. You must reset the clock after changing the batteries, but all other settings are unaffected.

6.2 Connecting your Radiator to your Controller

For radio control to work, you first need to establish a radio connection between your radiator and your RFC. You may wish to follow this procedure if you add more radiators.

1. Turn the radiator thermostat knob fully clockwise.

2. Switch the radiator's mains supply off.

3. Switch the mains on for about 3 seconds then off again for 3 seconds.

4. Switch the mains on and the radiator supply light will flash.

5. Press the button on the back of the RFC. This will send the connection signal. The radiator supply light will give a final flash to show that it is connected.

6. Now that it is connected, you should never have to do this procedure again.

7. If the radiator sees no connection signal for 60 seconds it will return to normal operation with its connection unaffected.

6.3 Choosing a position in the room.

The RFC should be positioned in a place where its temperature will not be changed by local events. Avoid:

● Draughty places near windows, doors and vents.

● Places near the radiator or any other heat sources in the room.

● Places in direct sunlight.

● Places where it may get wet.

6.4 Range Test.

Having connected your radiator and chosen a position for the RFC you can test the wireless connection.

Place or hold your RFC in position. Press BOOST and ADVANCE together The RFC will transmit a special test signal every 5 seconds causing the radiators supply light to flash twice.

In the unlikely event that the radiator does not respond, check that you have connected to the radiator. If it still does not work try a different location.

Poor reception can be because :

● The RFC is too far from the radiator.

● There are metal objects (including parts of the building) obstructing the signal path. Metal objects can also cause reflections that can interfere with signal strength.

● There are other 433Hz transmissions nearby. This should not be a problem as all such devices may transmit occasionally and for short periods of time.

● The range test lasts for 10 minutes or until you press CLEAR.

6.5 Fixing the RFC to the Wall.

Remove the wall plate from the rear of the RFC. Mark wall through the screw holes (60mm centres). Use the correct type of fitting for the wall and mount the wall using no. 6 or 8 screws. Clip the RFC onto the wall plate.

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6.6   Reverting your Radiator to Manual Control.

If for any reason you want to use your radiator without the RFC, you can revert to Manual Control.

● If the radiator is on, switch the mains supply off and turn the thermostat knob to maximum.

● Switch it on for 3 seconds then switch it off again.

● Repeat this process another 5 times.

● The supply light will flash for 50 seconds and your radiator will be back to manual control.

Note

If the radiator does not heat up when the RF controller is on a low setting, this is normally because the room is warmer than the temperature selected on the controller, and is not due to a fault in the radiator. If the room temperature falls below that selected on the thermostat knob, the radiator will then warm up to bring the room temperature to the selected level.

6.7   Choosing a new ID

Every RFC has an identifying code . When you connect a radiator you are teaching the radiator to listen for the RFC's code. If your radiator switches on and off when it should not, it may be that another RFC in the vicinity has the same code. This is very unlikely since there are many thousands of possible codes.

To make the RFC pick a new random code, hold the button on the back of the controller on for 5 seconds until the display says "rE5 id" , then press OK to confirm within 5 seconds. If you don't confirm no action is taken.

After selecting a new ID you must re-connect your radiator(s).

6.8   Frost Protection

If used with the RF controller, the controller can be used to set the radiator to the frost protection mode. Ensure the thermostat knob is not turned off.

6.9 Cleaning

> **Warning**
> Always disconnect from the power supply and allow the radiator to cool before cleaning.

Do not use detergents, abrasive cleaners, or polish on the radiator as these may damage the finish.

Wipe the radiator with a dry cloth to remove dust and marks.

> **Note**
> Only external cleaning is permitted.

7.0 Your RFC1 Unit.

Time, Day and Program

Here you can see the current time and day of the week. **PROG** shows which setting the controller is currently on.

Power Level

25%   50%   75%   100%

As your room reaches the target temperature the power of your radiator is reduced from 100% to 0% when no bars are shown.

Actual / Target Temp

ACTUAL   **TARGET**
20.8°C   **21.0**°C

Actual is a thermometer showing the actual room temperature. **Target** is the temperature you would like. It is set manually or by the program and can be **- - -** when no heating is needed.

Quick Adjust

TARGET
21.0°C

During normal operation you can use ▲ and ▼ to alter the temperature. The effect is temporary; it reverts to normal temperature on the next prog or when you press other buttons. You can set it to **- - -** (no heating), 4°C (frost protection) or anything from 4°C to 30°C. The ▲ and ▼ buttons are used to adjust other things when you are setting the program or the clock.

Transmit Symbol

You will see the transmit symbol whenever the RFC1 transmits to your radiator. This happens about once a minute.

Holiday (No Program)

Pressing **HOLIDAY** switches heating to 4°C to 12°C (frost protection) or it remains at 'no heating' if it was previously showing **- - -**. It stays like this until you press **CLEAR**.

Boost (Full Power)

Press **BOOST** to turn the radiator on full power for an hour. If you press **BOOST** again it adds another hour up to a maximum of 4 hours. You can use ▲ and ▼ to adjust the minutes. Boost ends when the timer runs out or you can cancel it by pressing **CLEAR**.

Set-Back (Economy)

For economy press **SET-BACK**. The 7 day program continues to run but all temperatures (except frost) are lowered by 5°C. Set-Back continues until you press **CLEAR**.

Advance (Early Bird)

Press **ADVANCE** if you wish to bring forward the next program;for instance if you arrive in or leave a room earlier than normal. The program stays advanced until the program's normal time or until you press **CLEAR**.

7.1 Setting the Time and Day.
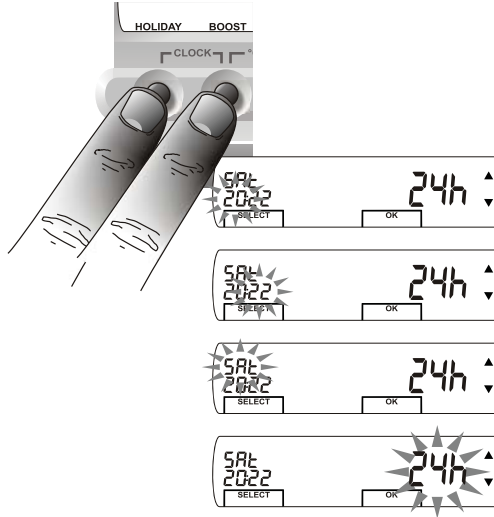
To set the clock press **HOLIDAY** and **BOOST** together. The hours will start to flash and you can adjust them with ▲ and ▼.

Using **SELECT** you can adjust minutes, day of week or change from 24 hour clock to 12 hour clock. When finished press OK.

7.2 Factory set Program.

	Mon to Fri		Sat and Sun	
1	06:30	21.0°C	08:00	21.0°C
2	08:30	4.0°C	23:00	4.0°C
3	16:30	21.0°C	--:--	--.-°C
4	23:00	4.0°C	--:--	--.-°C
5	--:--	--.-°C	--:--	--.-°C
6	--:--	--.-°C	--:--	--.-°C

On each weekday the target temperature is 21°C from 6:30am to 8:30am, then 4°C (frost protection) until 4:30pm, then it is 21°C until 11:00pm and finally 4°C until **PROG.1** the next day.

Press ▲ and ▼ together from Setting the 7 day program to restore this program.

7.3 Frost Protection 4°C.

For frost protection set the Target temperature to 4°C. There is no frost protection if you set it to **- - -**.The snowflake symbol appears if the actual temperature ever falls below 4°C.

7.4 Celsius or Fahrenheit
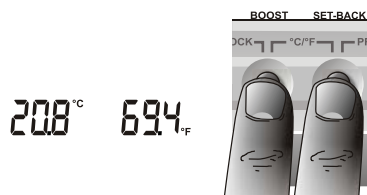
Pressing **BOOST** and **SET-BACK** together changes Actual and Target temperature between Celsius and Fahrenheit.
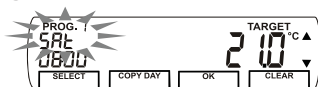
| 7.5 | **Setting the 7 day program** |

To set the program press **SET-BACK** and **ADVANCE** together. This will take you to stage 1 below. You can program the RFC1 with up to 6 temperature levels per day.

Program times cannot overlap, for example if **PROG.3** Mon is 16:30 then **PROG.3** Mon can only be set to times before 16:30.

Stage 1

The program number and day will flash. You can change it with ▲ and ▼. **SELECT** takes you to stage 2.

Stage 2

The time flashes . You can adjust it with ▲ and ▼. **SELECT** takes you to stage 3.

Stage 3
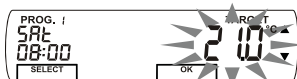
The temperature flashes . You can adjust it with ▲ and ▼ for room temperature, 4°C (frost protection) or --- (no heating). **SELECT** takes you to stage 1.

Stage 4

When you have finished setting the program press **OK** to return to normal operation.

Clearing a Program
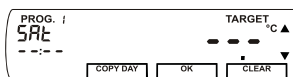
If you clear a prog it displays as --:--,--.-- °C and the program is ignored.

From Stage 1 press **CLEAR** to clear a prog and press it again to un-clear it.

Copy Day

| SAt | to | Sun |
| COPY DAY | | CLEAR |

Use this to copy all 6 programs from the day you were adjusting to another day. Press **COPY DAY** to actually do the copy. **CLEAR** returns to stage 1

Manual Operation

If you clear all 6 programs in all 7 days, there is no program at all.

The temperature control is done entirely by Quick Adjust.

8.0 Your RFC3 Unit.

Time, Day and Program

Here you can see the current time and day of the week. **PROG** shows which setting the controller is currently on.

Power Level

25%   50%   75%   100%

As your room reaches the target temperature the power of your radiator is reduced from 100% to 0% when no bars are shown.

Actual / Target Temp

ACTUAL °C   TARGET °C
20.8   21.0

Actual is a thermometer showing the actual room temperature. **Target** is the temperature you would like. It is set manually or by the program and can be **- - -** when no heating is needed.

Quick Adjust

During normal operation you can use ▲ and ▼ to alter the temperature.

TARGET °C ▲
21.0 ▼

The effect is temporary; it reverts to program temperature on the next PROG. You can set it to **- - -** (no heating), anything from 16°C to 28°C, **BOOST** or **HOLIDAY** (4°C frost protection).

Transmit Symbol

You will see the transmit symbol whenever the RFC3 transmits to your radiator. This happens about once a minute.

| 8.1 | ### Setting the Time and Day. |

When you insert the batteries the RFC3 automatically sets its clock from the MSF signal transmitted from the Anthorn Radio Station in Cumbria. The RFC3 also re-synchronises the clock at 2:05am each morning so that it stays accurate and is updated automatically when the clocks change.

The displayed clock flashes before it is set. Digits stop flashing from left to right as the signal is successfully received until the clock is set.

00:00   10:00   01:00   00:30   20:18

If it has not succeeded after 3 minutes it stops trying but will retry each hour until the clock is set. You can force a retry by removing and reinserting the battery. If that does not succeed:

- Leave the RFC3 alone. Moving or handling it can interfere with the signal. The signal is stronger at night.

- Try a different location. Objects such as televisions, electric motors and fluorescent lights can interface with the signal.

- Large metal objects such as steel-framed or reinforced concrete buildings, metallic window frames, pylons, scaffolding and overhead power cables can reduce the signal.

- Try rotating it. The reception quality may depend on how the RFC3's aerial is aligned with Anthorn.

- The MSF signal is taken off-air a few times a year for maintenance purposes, so try again later.

If you cannot get a signal you can always set the clock manually.

Setting the time manually
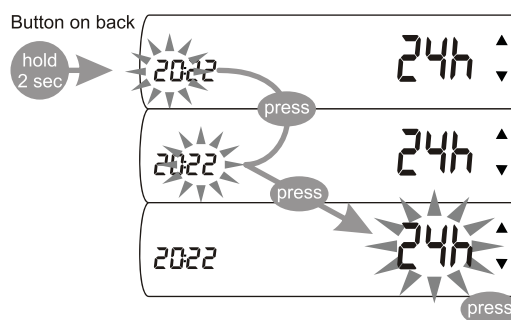
To set the time manually press and hold the button on the back of the RFC3 for two seconds. Now use the ▲ and ▼ to adjust the hours. When hours are set press the back button to proceed to the minutes and again to proceed to 24hr/12hr clock.

Press the button on the back of the RFC3 unit once more to return to normal operation.

8.2 **Factory Set Program.**

PROG.1	06:30	to	08:30	21.0°C
PROG.2	08:30	to	16:30	--°C
PROG.3	16:30	to	23:00	21.0°C
PROG.4	23:00	to	23:00	--°C*
PROG.5	23:00	to	23:00	--°C*
PROG.6	23:00	to	06:30	--°C

On each weekday the target temperature is 21°C from 6:30am to 8:30am, then 4°C (frost protection) until 4:30pm, then it is 21°C until 11:00pm and finally 4°C until **PROG.1** the next day.

8.3 Altering the Factory Set Program

To set the program; first enter Manual Time Set by holding the button on the back of RFC3 Unit for 2 seconds then, after releasing it, press and hold for a further 2 seconds.

You can now adjust **PROG.1**'s start-time using ▲ and ▼.

Proceed to **PROG.1**'s temperature by pressing the back button and adjust it using ▲ and ▼. Pressing the back button again takes you to the start-time and then temperature of **PROG.2**, **PROG.3**, **PROG.4**, **PROG.5** and **PROG.6**.
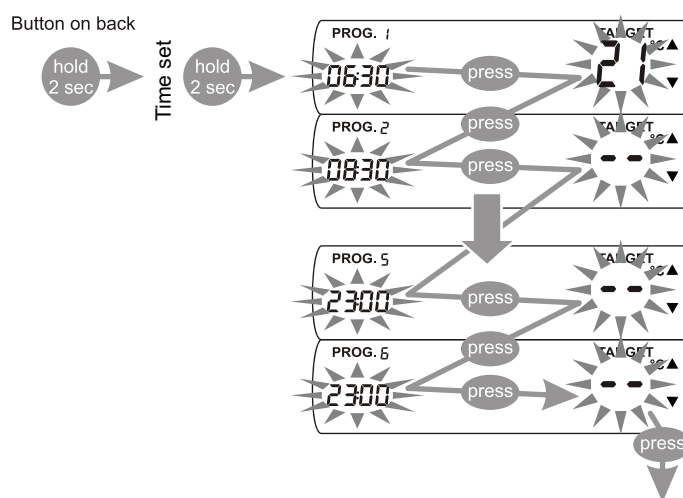

Once you have adjusted the temperature of **PROG.6**, press the back button once more to return to normal operation.

To ensure that the program runs in sequential order, you will find that you cannot, for example, set **PROG.2**'s start-time to earlier than **PROG.1**'s.

If you do not need all six programs, you set start-times to the same value. *For example see **PROG.4** and **PROG.5** of the Factory Set Programs.*

8.4 User Adjustment (Boost and Frost Protection)
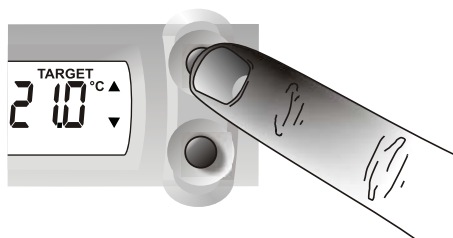
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The effect is temporary; it reverts to program temperature on the next **PROG.** You can set it to **- - -** (no heating), anything from 16°C to 28°C, **BOOST** or **HOLIDAY** (4°C frost protection).

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BOOST
full power

```
         ACTUAL °C
2032 ☰  23.8° 0:47 ▲
                      ▼
        ☀ BOOST ☀
```

Controlled
to Target
temperature

```
PROG.   ACTUAL °C   TARGET °C ▲
20 18 ☰  21.8°      28° ▼
          1°C steps
```

```
PROG.   ACTUAL °C   TARGET °C ▲
20 18    21.8°      16° ▼
```

```
PROG.   ACTUAL °C   TARGET °C ▲
20 18    21.8°      - - ▼
```

HOLIDAY
frost protection

```
       ACTUAL °C
2032   17.5°       ▲
HOLIDAY
```
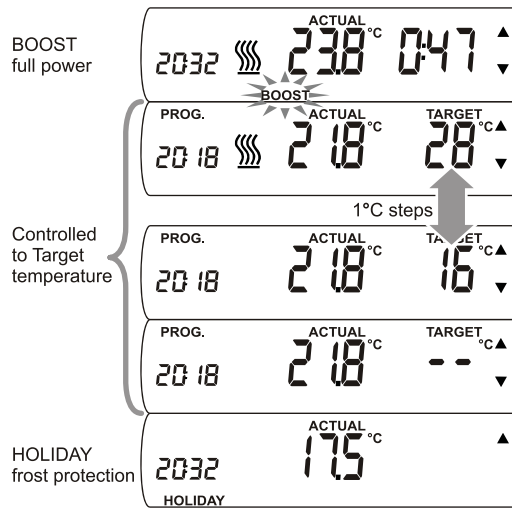
Pressing ▲ from 28°C takes you to **BOOST**. The heating goes to full power for 1 hour.

Pressing ▲ again will increase the **BOOST** time by an hour up to 4 hours. You will see the remaining minutes counting down on the display screen.

After the hour or pressing ▼, it reverts to the program temperature.

Pressing ▼ from **- - -** takes you to **HOLIDAY** (room not occupied) and heating is set to 4°C frost protection. The program is suspended until you press ▲.

9.0   Trouble Shooting Guide

Symptom	Possible cause	Remedy
Radiator makes "gurgling" or "swishing" sound on first switching on.	This is normal, and the noise will go away after a short period. It is due to the initial movement of a small amount of air which is left in the radiator to allow for expansion.	If the sound is still present on constant running after a day or so, contact your installer.
Radiator does not heat up.	No electricity supply to radiator.	Check radiator is switched on at the mains, and on the appliance. Check fuse in plug or fused spur. Check the supply light is on.
	Temperature of room is higher than the temperature selected on the thermostat knob.(the supply light shows Green or Orange)	If you require the room to be warmer, turn the thermostat knob to a higher setting. The radiator should then warm up. (the supply shows Red)
	One of the fail-safe safety devices has operated. (the supply light is off)	Contact your supplier.
Supply light is Green and stays on	Tuned to factory controller	Follow instructions 6.2
Supply light Is alternating red-green flashing.	One of the fail-safe safety devices has operated.	Follow instructions 4.0

10.0 After Sales Service

Radiators manufactured by Heat Electric Ltd are covered by a two year warranty from date of purchase. We will repair or exchange within this period any part found to be defective due to a manufacturing fault.

Should you experience any problems with your radiator do not try to rectify it yourself as this will invalidate the warranty.

Please contact Heat Electric Ltd quoting the model and serial number of the radiator (this can be found on the lower left-hand side of the radiator)

Warranty repairs made during the warranty period are warrantied for the remainder of the original warranty.

The warranty does not cover:

a)	Damage from physical abuse such as dropping the unit or impact from hard objects.

b)	Damage resulting from any other use other than what it was intended for

c)	Any unit that has been repaired or had an attempted repair to it made by unauthorized personnel.

d)	Damage due to incorrect connection, connection to faulty equipment or connection to faulty or incorrect power supplies.

e)	Damage in transit as a result of inadequate packaging or protection.

If goods are returned without prior written authorisation, an administration charge may be raised.

Carriage is chargeable on all non-warranty work and on warranty work that has been returned as a result of incorrect operation.

All quotations and charges are subject to VAT at the current rate.

Non-Warranty Repair

For service or repair to products outside the two year warranty period, please contact Heat Electric UK Ltd. If required, a quotation for non-warranty repair is available prior to any work commencing.

Payment for non-warranty service can be made by cash on the day of completion or by credit card in advance.

Non-warranty parts and labour are warrantied for 6 months.

Repair Warranty Policy

All Heat Electric repairs carry a limited warranty against defects in materials and workmanship. This warranty pertains only to the specific repair and any new and different defect in materials or workmanship will be treated as a new incident. Parts and products provided as a result of warranty service may be other than new but will be in good working order. All defective materials that are replaced become the property of Heat Electric UK Ltd.

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Installer Notes

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