# iRad ELECTRIC RADIATORS

# User Guide

**PLEASE READ BEFORE USE AND KEEP FOR FUTURE REFERENCE.**

iRad electric radiators from Feature Radiators are radiant panel heaters specifically designed to give you comfortable, controllable warmth when and where you need it.

**IMPORTANT SAFETY ADVICE FOR iRADs**

1. iRad electric radiators should only be installed by a qualified electrician in strict accordance with current IEE Wiring Regulations and all relevant Building Regulations.
2. This heater is for use as an indoor only fixed appliance and is not for portable use. DO NOT USE OUTDOORS.
3. It is important to use the nylon spacer when attaching the radiator to the wall, to provide an adequate gap between the back of the radiator and the wall. When mounting the radiator onto plaster it is important to ensure the plaster has thoroughly dried out. Failing to do so could result in scorching and cracking of the wall surface, due to the radiant heat being produced at the rear of the product. We are not liable to cover the costs of rectifying any such damage. This is standard with this kind of product.
4. **DO NOT** use where flammable gases or liquids are stored.
5. **DO NOT** operate the radiator with wet hands.
6. The surface of the radiator will be hot when in use (Circa 70°C). To avoid risk of burning, do not touch the surface with bare skin for more than a few seconds.
7. **DO NOT** let children play with the radiator.
8. **DO NOT** obstruct the air circulation around the heater or allow curtains, clothes or furniture to touch or cover any part of the casing.
9. For iRad towel radiators – hang towels loosely on towel bar. **DO NOT** place towels over the top of the radiator.
10. **DO NOT** USE the iRad **i**f the flexible mains lead gets damaged. In the unlikely event that such damage occurs, the radiator should only be removed by a qualified electrician. Please contact Feature Radiators to arrange for a replacement lead to be fitted.
11. **All iRad electric radiators are fitted with a thermal safety fuse. If the radiator severely overheats then the thermal fuse will fail. If this occurs, the radiator will not operate and the radiator must be returned to the factory for repair. Please contact Feature Radiators to organise this.**

**WARRANTY AND AFTER-SALES SERVICE**

iRad electric radiators are sold with a 2 year manufacturer's warranty. Whilst under warranty, Feature Radiators will arrange for repair or exchange of any faulty product, without charge, provided it has been handled, installed and operated in accordance the instructions provided and has not otherwise been misused or handled. Outside the warranty period, please contact Feature Radiators for an estimate of repair and associated costs.

The power supply cord/flex of this appliance can only be replaced by opening the sealed panel. Accordingly any repair involving the cord/flex, should only be carried out by the manufacturer, otherwise the manufacturer's warranty will be invalidated.

There are no user serviceable parts inside the iRad electric radiators.

For after-sales service or repairs contact:

**Feature Radiators' technical helpline directly on 01274 567789.**

It would assist us when taking your call if you can have available your reference number (this can be found on the top right hand corner of your receipt) and details of the fault.

Please do not return a product you consider faulty without obtaining the prior approval of Feature Radiators. Your rights under this warranty do not affect your statutory rights.

# Installation guide

**IMPORTANT SAFETY INFORMATION**

**THIS APPLIANCE MUST BE EARTHED**
**THIS APPLIANCE IS AN INDOOR ONLY USE FIXED APPLIANCE. DO NOT USE OUTDOORS**
**THE RADIATORS ARE IP44 RATED**
**THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS APPLIANCE**
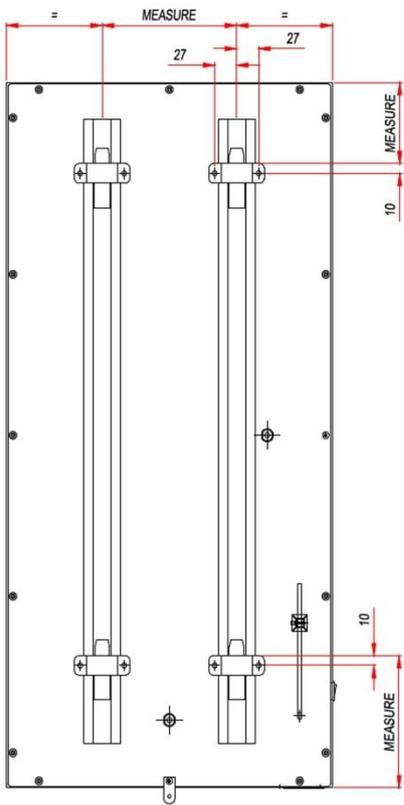**DO NOT INSTALL IF THE POWER CABLE IS DAMAGED**

**FIXING KIT CONTENTS**

| Standard size radiators | Larger sizes |
|---|---|
| 2 x "T" brackets | 4 x "T" brackets |
| 4 x No 10 screws | 8 x No 10 screws |
| 4 x Brown Rawlplugs | 8 x Brown Rawlplugs |
| 1 x No 6 screw | 2 x No 6 screws |
| 1 x Red Rawlplug | 2 x Red Rawlplugs |
| 1 x Nylon spacer | 2 x Nylon spacers |

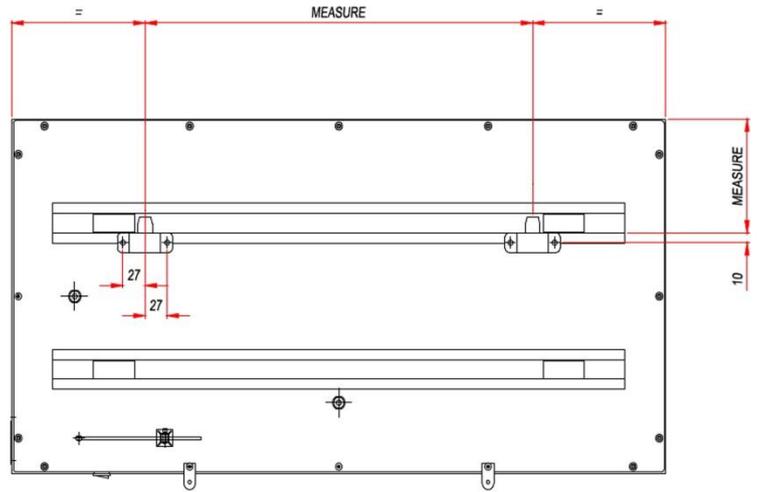**POSITIONING AND FIXING THE iRAD ELECTRIC RADIATOR**

**THE RADIATOR MUST NOT BE FIXED IMMEDIATELY BELOW A SOCKET OUTLET.**

1. Select the required location which should be near a 13amp power supply, and with sufficient space to enable the warmed air to circulate freely in the room/area being heated.
2. When positioning the radiator, ensure that the power switch is easily accessible.
3. Measure the radiator's mounting centres by referring to the illustrations overleaf *(see fig. a).*
4. Mark positions to drill holes on the wall, using the mounting "T" brackets as a template. Double check against the mounting centres referred to above.
5. Drill holes and fit the Brown Rawlplugs.
6. Fix wall brackets into position then mount the radiator onto the brackets.
7. All iRads have a security tag along the bottom edge *(see fig. b)*, (larger iRads may have 2 tags). Rotate the security securing tag(s) down to the fixing position, which will allow the drilling point to be marked. Rotate the tag clear to drill the hole (6mm x 40mm) for the red Rawlplug. (As a precaution and to prevent accidental damage to the radiator, you may wish to dismount the radiator from the wall before you drill the hole.)
8. Take 1 x No 6 screw, a red Rawlplug and Nylon Spacer (which goes between the security tag and the wall) from the fixing kit. *(see fig. b)*
9. Fix security tag(s) once the radiator is placed on the wall mountings *(See fig. b)* Insert the red Rawlplug, rotate the security tag back over the red Rawlplug, insert the spacer between the tag and the wall and insert the No 6 long screw through tag and spacer – screw in until tight. The top brackets are the primary support fixing for the radiator. The lower brackets are a secondary support and are not always required on smaller radiators. In all cases the security tag must be used to prevent the radiator accidentally being knocked off the brackets.

MEASURE
27
27
MEASURE
10
10
MEASURE

VERTICAL MOUNTING

*fig. a*



MEASURE
MEASURE
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27
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HORIZONTAL MOUNTING

*fig. a*





Fit additional
10mm Nylon
spacers



NYLON
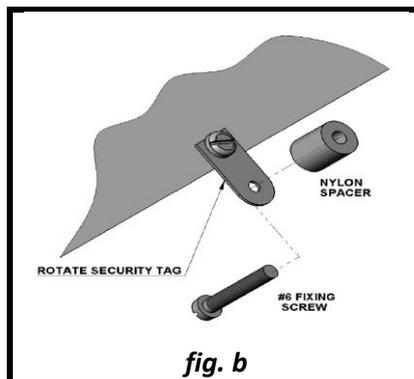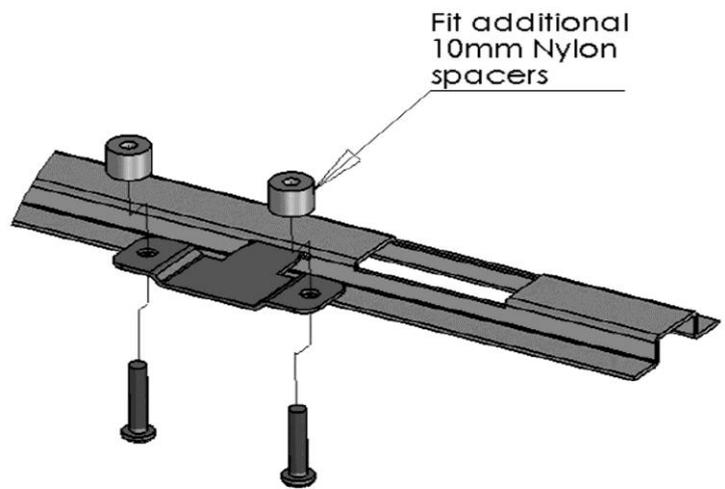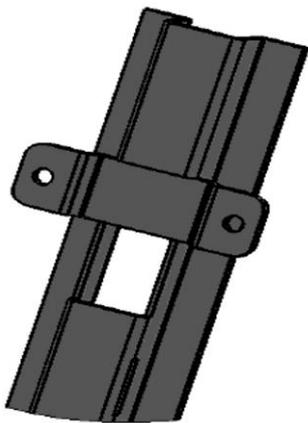SPACER

ROTATE SECURITY TAG

#6 FIXING
SCREW

*fig. b*

V2

## CONNECTING THE iRad ELECTRIC RADIATOR

iRads are supplied with a mains cord length which should be sufficient to allow connection to a 13A fused spur, or socket outlet via a 13 amp plug.

The specifications for standard powder-coated white, silver, black and glass fronted (including mirror) radiators are set out in the table below.

All iRad electric radiators are IP44 rated.

| Model | Finish | Element size (Watts) | Heat Output (Watts) | Current @ 230V (Amps) |
|---|---|---|---|---|
| iRad 2000mm x 500mm | White, Silver, Black & Picture | 2000 | 1600 | 8.69 |
| iRad 1500mm x 500mm | White, Silver, Black & Picture | 1500 | 1200 | 6.52 |
| iRad 1000mm x 500mm | White, Silver, Black & Picture | 1000 | 800 | 4.35 |
| iRad 750mm x 500mm | White, Silver, Black & Picture | 750 | 600 | 3.26 |
| iRad 500mm x 500mm | White, Silver, Black & Picture | 500 | 400 | 2.17 |
| iRad 2000mm x 250mm | White, Silver, Black & Picture | 1000 | 800 | 4.35 |
| iRad 1500mm x 250mm | White, Silver, Black & Picture | 750 | 600 | 3.26 |
| iRad 1000mm x 250mm | White, Silver, Black & Picture | 500 | 400 | 2.17 |
| iRad 2000mm x 500mm | Glass fronted (including mirror) | 2000 | 1300 | 8.69 |
| iRad1500mm x 500mm | Glass fronted (including mirror) | 1500 | 900 | 6.52 |
| iRad 1000mm x 500mm | Glass fronted (including mirror) | 1000 | 600 | 4.35 |
| iRad 750mm x 500mm | Glass fronted (including mirror) | 750 | 450 | 3.26 |
| iRad 500mm x 500mm | Glass fronted (including mirror) | 500 | 300 | 2.17 |
| iRad 2000mm x 250mm | Glass fronted (including mirror) | 1000 | 600 | 8.69 |
| iRad 1500mm x 250mm | Glass fronted (including mirror) | 750 | 450 | 6.52 |
| iRad 1000mm x 250mm | Glass fronted (including mirror) | 500 | 300 | 4.35 |
| iRad Templo 2000mm x 500mm | White | 1500 | 1400 | 6.52 |
| iRad Templo 1500mm x 500mm | White | 1100 | 1000 | 4.78 |
| iRad Templo 1000mm x 500mm | White | 700 | 600 | 3.04 |
| iRad Templo 2000mm x 250mm | White | 750 | 700 | 3.26 |
| iRad Templo 1500mm x 250mm | White | 550 | 500 | 2.39 |
| iRad Templo 1000mm x 250mm | White | 350 | 300 | 1.52 |

When the heater is securely fitted to the wall and connected to a suitable power supply point, the power can then be switched on.

## OPERATING THE iRAD ELECTRIC RADIATOR
### USING IN MANUAL ON/OFF MODE
### (when using without an iRad Wireless Controller)

"Manual control" allows you to switch the radiator on or off manually, by flicking the switch on the radiator or spur on the wall.

An iRad Wireless Controller is available should you wish to automatically control room temperature or set times. Please ask for details.

The small LED light, (next to the power switch on the iRad) illuminates to show that the radiator is receiving power.  If the LED light does not illuminate,  check that the wall connection is switched on and check the power switch on the iRad itself.  If the LED is still not illuminated, this indicates that the radiator is not receiving power [in which case please call aftersales helpline above].

In manual mode, the LED light changes colour as follows:

RED – radiator is warming up.

GREEN – radiator has reached factory pre-set temperature. The surface of the radiator should be hot when in use (Circa 70°C).   If the green light is on but the radiator is not hot, then it needs to be reset.  To reset your iRad radiator, follow the procedure below:

Ensure iRad is switched off.  Switch on for about three seconds then switch it off again.  Do this 5 times in succession.  Your radiator should then be back to manual control mode.  If the iRad doesn't revert to manual mode after following the above instructions, call Feature Radiators' technical helpline.

## USING WITH AN iRAD WIRELESS CONTROLLER

For wireless operation, please refer to the instructions provided with the iRad Wireless Controller and programmable thermostat.

## NO MAINTENANCE

iRad electric radiators do not require maintenance, as it has no user serviceable parts.

## CLEANING ADVICE

To clean, simply wipe with a soft, damp cloth.  Brushed stainless steel heaters often clean well when wiped with a soft cloth and a little baby oil.  DO NOT use any abrasive materials or chemicals as these will damage the finish of the radiator.

Ensure that the heater is switched off when cleaning.