VOLTEC 2
INSTALLATION GUIDE

RADS 2 RAILS

READ THIS GUIDE BEFORE STARTING INSTALLATION

Safety Warnings

This product is not a toy and should not be used by children or persons with limited mobility without supervision. Children under 3 years of age must be kept away unless continuously supervised.

Children aged 3 to 8 years may only switch the appliance on/off if it has been placed in its intended normal operating position and they have been given supervision or instruction concerning safe use and understand the hazards involved. Children aged 3 to 8 years must not plug in, adjust, clean or perform user maintenance on the appliance.

CAUTION — Some parts of this product can become very hot and cause burns. Particular attention must be given where children and vulnerable persons are present.

This appliance may be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning safe use and understand the hazards involved. Children must not play with the appliance. Cleaning and user maintenance must not be carried out by children without supervision.

Do not use this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, as a fire risk exists if the heater is covered or positioned incorrectly.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard. Use of an extension lead is not recommended.

Disconnect from the mains when not in use or before cleaning. Do not handle the power cord or plug with wet hands. Do not misuse the cord or pull it to disconnect from the outlet. Instead, grasp the plug and pull to disconnect.

The heater becomes hot during use. To avoid burns, do not allow bare skin to touch hot surfaces. Do not immerse the cord, plug or any part of the appliance in water or any other liquid.

Do not use the heater in dusty environments or where flammable vapours are present (e.g. in a workshop or garage). Do not place the heater on or near any other source of heat.

Warning: To avoid overheating, do not cover the heater. A fire may occur if the heater is covered with or touches flammable material, including curtains, drapes or bedding when in operation. KEEP THE HEATER AWAY FROM SUCH MATERIALS.

The heater must not be located immediately below a socket outlet. Do not use this heater in the immediate surroundings of a bath, shower or swimming pool.

Do not allow the mains lead to hang over the edge of a table or work surface or touch hot surfaces. Do not place heavy objects on the power cord. Do not position the power cord at the air outlet, as this will damage the wire insulation. Ensure the power cord does not touch the front grille to avoid high temperatures damaging the cord.

For indoor use only. This appliance is intended for household use only. Do not use the appliance for anything other than its intended purpose.

Do not attempt to repair, disassemble or modify the appliance. There are no user-serviceable parts inside.

Do not insert or allow foreign objects to enter the ventilation or exhaust openings, as this may cause electric shock, fire or damage to the appliance. Do not insert wooden or metal objects or other thin items into the air inlet or outlet.

When the heater is turned on for the first time, it may release a slight, harmless odour. This is normal and is caused by the initial heating of internal elements. This should not occur again.

Do not place any objects on top of the product. Do not hang wet clothing above the heater.

To avoid accidents, switch off the unit when leaving the room. Do not use the product when children, pets or vulnerable persons are present without supervision.

Safety Warnings

If you do not intend to use the product for an extended period, disconnect the plug, place the product in its box and store in a dry, ventilated location.

When using the product, ensure the air outlet and inlet are not positioned next to walls or curtains to avoid obstructing airflow and reducing effectiveness. Keep air inlet and outlet unobstructed to avoid malfunction, distortion or discolouration. Do not use the product in direct sunlight. Do not direct the air outlet at babies for extended periods.

Flammable or explosive materials must not be placed near the heater. The product must not be used in environments containing flammable gases or dust.

The voltage and frequency of the power supply must comply with the technical specifications of the heater.

Do not knock or shake the unit whilst it is in operation.

Ensure no water or rain enters the unit to avoid electric shock, short circuit or fire. The plug must be protected from water sources, or fitted with a waterproof cover.

Clean the surface of the unit with a damp cloth (or mild detergent if required). Do not use corrosive detergents or solvents. Do not wash directly with water.

For installation instructions, please refer to the relevant section of the manual.

CAUTION: To avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

Do not use this heater if it has been dropped or if there are visible signs of damage to the heater.

Use this heater on a horizontal, stable surface, or mount it to the wall as applicable.

WARNING: Do not use this heater in small rooms when occupied by persons unable to leave the room independently, unless constant supervision is provided.

WARNING: To reduce the risk of fire, keep textiles, curtains or any other flammable materials a minimum distance of 1 metre from the air outlet.

This appliance is intended only for drying textiles washed in water.

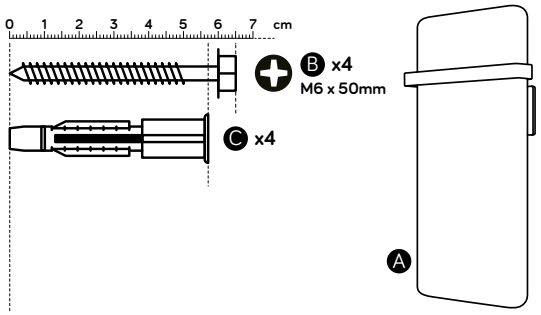
WARNING: To avoid a hazard for very young children, this appliance should be installed so that the lowest heated rail is at least 600 mm above the floor.

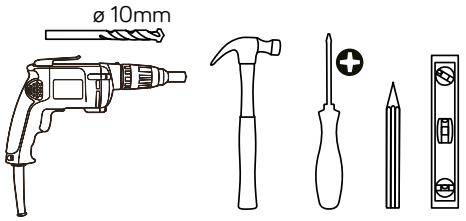
The heater must be installed so that switches and other controls cannot be touched by a person in the bath or shower.

VOLTEC 2
INSTALLATION GUIDE

RADS 2 RAILS

Before installation

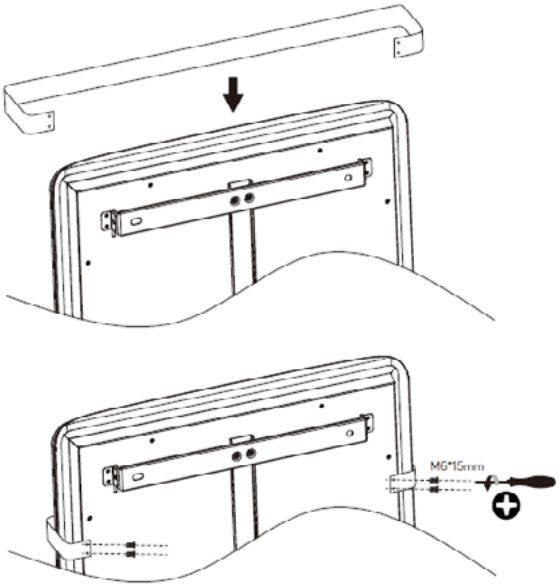




Tools needed (not provided)

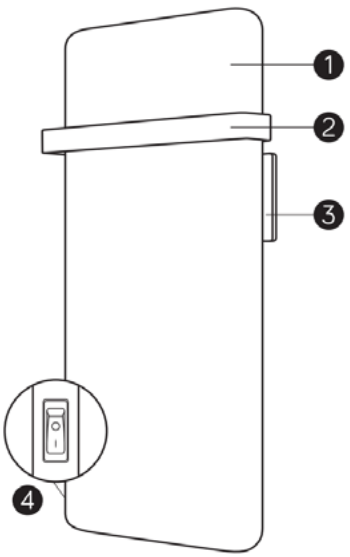
Installation of the Towel Bar

Turn the product around and install the towel rail from the top, then secure it with 4 screws on the rear cover.



Components

1. Front casing
2. Towel bar
3. Control panel
4. On/Off switch



VOLTEC 2
INSTALLATION GUIDE

Installation zones

For bathroom installation, safety is of utmost concern. For protection against electric shock, only products with a suitable IP rating may be used. The rating of a fitting will depend on its location in relation to a water source. Choose the mounting position carefully, ensuring sufficient space is left around the appliance. See the illustration showing in which zone(s) it is permissible to install this appliance.

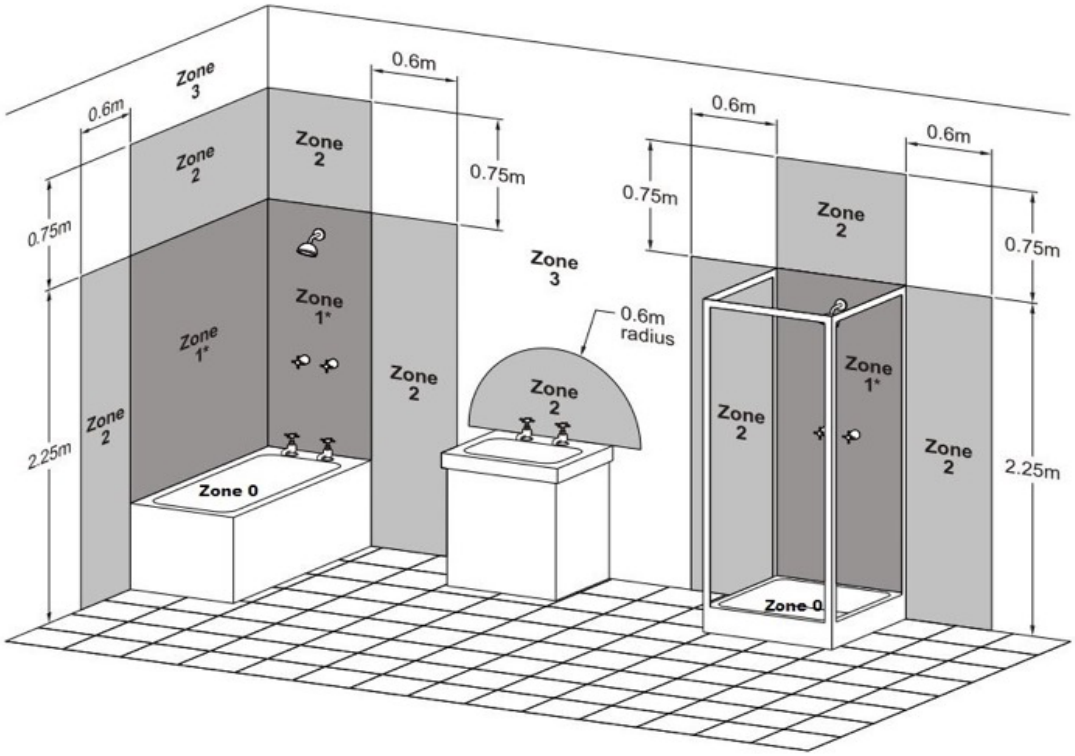
The Voltec 2 has an IPX4 rating, so it may be installed in Zone 2 or Zone 3.

Zone 0: Inside the bath or shower itself. Appliances used in this zone must be low voltage and completely immersion-proof, with a minimum rating of IPX7.

Zone 1: All circuits in this zone must be protected with a 30mA residual current device (RCD). It is good practice to use appliances rated IPX5 or higher in this zone.

Zone 2: Appliances in this area must have a minimum rating of IPX4.

Zone 3: This area must be outside of the water spray zones 0, 1 and 2. No special requirements are needed in this area.



Installation

Place the hanging bracket on the wall as a guide (ensure the holes are level), then use a marker pen to mark the hole positions.

Drill holes in the wall with a ø10mm drill bit and insert the plastic wall plugs.

Fasten the hanging bracket to the wall with the screws, ensuring the bracket is positioned in the correct direction.

Gently insert the bottom of the heater body onto the hanging bracket first, then push the heater body upwards until it is fully hooked onto the bracket.

Warning: Please choose the correct installation area and always check to ensure there is no wiring, pipework, etc. in the area to be drilled.

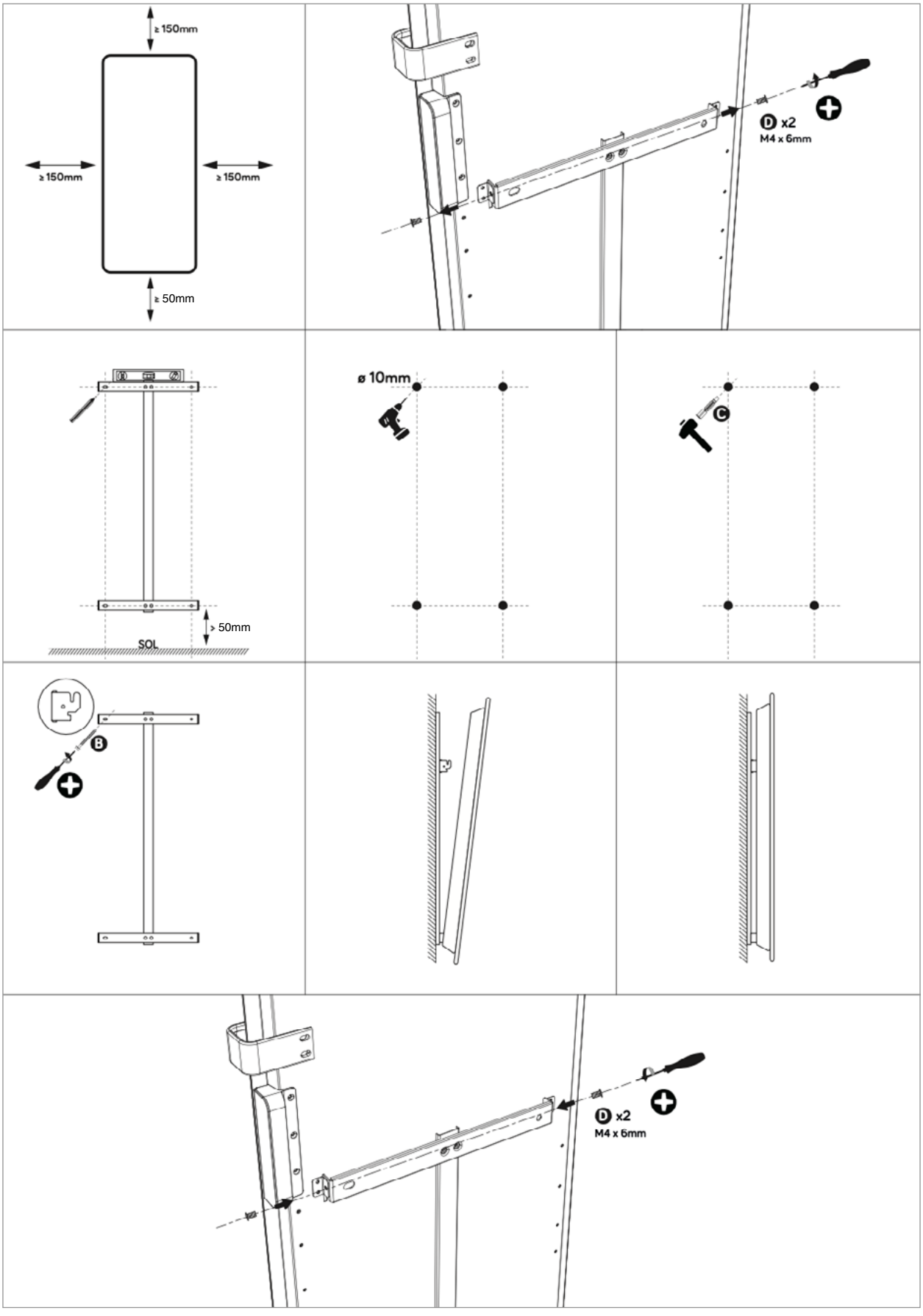
Warning: Before plugging in the unit, ensure the radiator is properly attached to the wall.

Continued on next page

VOLTEC 2
INSTALLATION GUIDE

RADS 2 RAILS

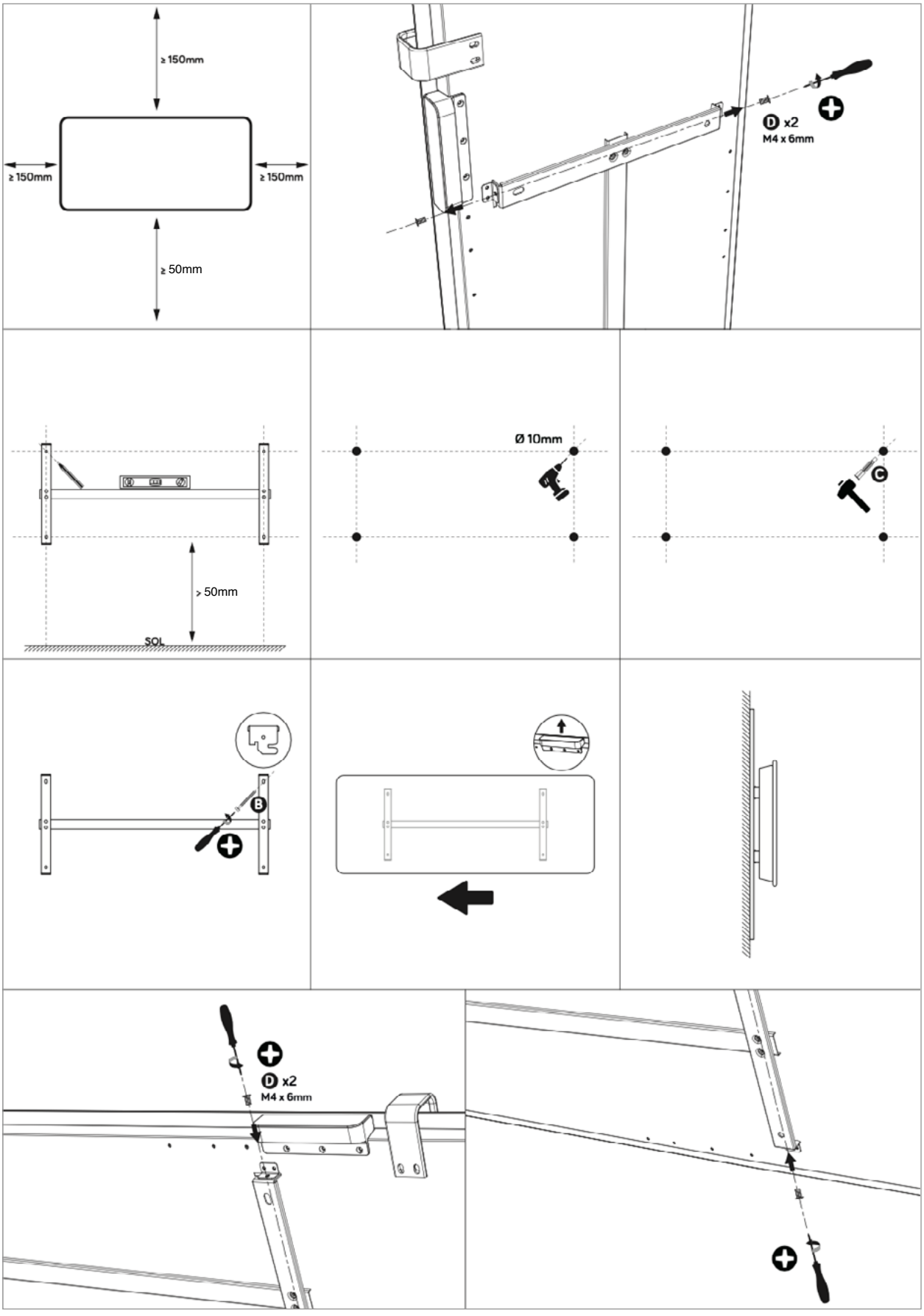
Vertical Installation



VOLTEC 2
INSTALLATION GUIDE

RADS 2 RAILS

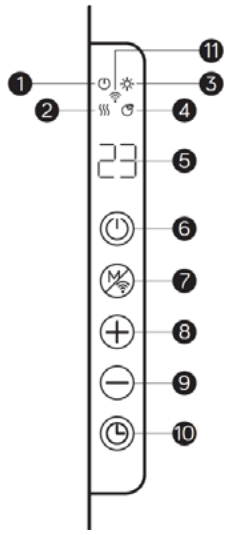
Horizontal Installation



VOLTEC 2
USER GUIDE

RADS 2 RAILS

Control panel



1. Standby indicator
2. Heating condition indicator
3. Comfort mode indicator
4. ECO mode indicator
5. LED display
6. Standby button
7. Mode/wifi button
8. Increase function button
9. Decrease function button
10. Timer button
11. WiFi indicator

How to use

Plug the appliance to AC 230-240V 50-60Hz socket, and press down on/off switch with a beep sound. The indicator light ⏻ is on.

Press ⏻ to turn on the heater

To stop the heater working, press ⏻ to turn off the heater,

Unplug the product when it's not in use.

For first use, the heater is set to default settings (shown below). If the default settings are different, this is because the unit has been quality tested after production.

Comfort mode
Target temperature setting: 22 °C
Day: 1(Monday), Time: 00:00 (Off)
Window open function: Off
Timer: Off

Clock and day of week setting

Press down 🕒 3 secs to enter clock and day of week setting

The screen will display "d", press ⊕ and ⊖ to select the day from 1-7.

1 Monday
2 Tuesday
3 Wednesday
4 Thursday
5 Friday
6 Saturday
7 Sunday

Press 🕒 to confirm day setting and enter the clock hour setting, the screen will display: H

Press ⊕ and ⊖ to set the current hour.

Press 🕒 to confirm hour setting and enter the minute setting, the screen will display: M

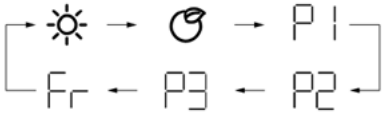
Press ⊕ and ⊖ to set the current minute

Press 🕒 to confirm all settings

Note: The clock and calendar will be reset to factory default if without power supply.

Heating mode

Press ⚙ to enter mode selection. By pressing ⚙, heating mode runs in a continuous cycle as below:



☼ Comfort mode: Press ⊕ and ⊖ to set the temperature from 5-35°C.

☾ ECO mode: Press ⊕ and ⊖ to set the temperature from 1-31°C.

Note: ECO mode = Comfort mode - 4°C

Anti-frost mode: the screen willdisplay Fr. The target temperature is 7°C. The temperature can't be adjusted.

P1/P2/P3: Pre-set heating program.

Note: Before entering the P1/P2/P3 program settings for the first time, please ensure that the clock and day settings are completed in advance.

P1: (Monday-Sunday) Unadjustable program



P2: (Monday-Friday) Unadjustable program



P2: (Saturday-Sunday) Unadjustable program



P3: (Monday-Friday) Adjustable program



P3: (Saturday-Sunday) Adjustable program



Continued on next page

P3 adjustable program setting

1. When under P3 mode, press over 3 secs to enter day setting.
2. The screen displays d1, press and to set from (Monday-Sunday). Press to confirm and enter hour setting
3. The screen displays 00, press and to set from 00-23). Press to choose heating mode for every hour (Comfort mode or ECO mode or No. 2 lights for Anti-frost mode)
4. Repeat the operation until you have completed the schedule of every hour and every day.

Note: After setting heating mode for hour 23, press to return to day setting.

Note: When screen displays d7, press to finish all setting with display of P3.

Wifi connection

Press for more than 3 seconds, the indicator will flash quickly, open the mobile app and follow the instruction to connect to the unit.

Timer off function

Press one time, the screen will display "0 h" and keep flashing. Press and to set timer from 0-9 hours in a cycle. Wait 3 seconds to confirm the setting. When the timer-off function is enabled, the display shows the remaining time. Set the timer to 0h to disable this function.

Timer quick setting: Press one time, the screen display "0 h", press one time again to select the timer from 2h, 4h, 8h in a continuous cycle.

Note: The timer off function is available in anti-frost (Fr) mode.

Open window function

Press and together, the screen will display F0, then will return to display the target temperature after 3 seconds (or remaining time if a timer is set). When the heater is operating and the detected room temperature drops rapidly by more than 2 degrees within 2 minutes, the open window function will be activated. The screen will display F0 and flash, and the heater will stop heating.

To stop the open window function, press to return to the previously set working mode (or wait 20 minutes and it will automatically revert back to previous mode.

To turn off open window function completely, press and buttons together, the screen will display FF.

Cleaning & maintenance

Switch off and unplug from the power supply before cleaning.

Using a soft, moist cloth, with or without a mild soap solution, carefully clean the exterior surface of the product.

CAUTION: Allow the product to completely cool before handling or cleaning it.

Do not allow water or other liquids to run into the interior of the product, as this could create a fire and/or electrical hazard.

We also recommend the periodic cleaning of this appliance by lightly running a vacuum cleaner nozzle over the guards to remove any dust or dirt that may have accumulated inside or on the unit.

CAUTION: Do not use harsh detergents, chemical cleaners or solvents as they may damage the surface finish of the plastic components.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

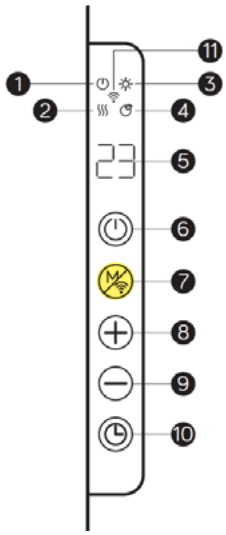
SMART LIFE APP

USER GUIDE

Download the Smart Life - Smart Living app from your device's app store, and create an account or log in.

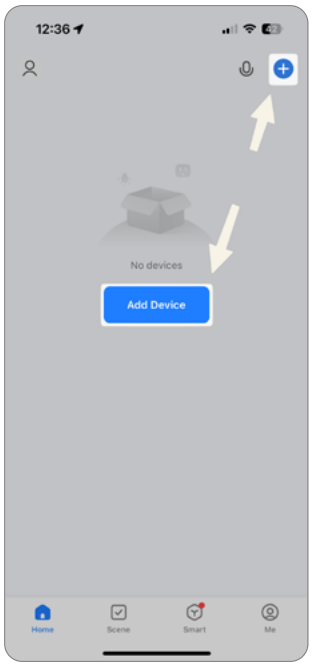
Ensure the Voltec 2 is turned on before proceeding.

Enter pairing mode

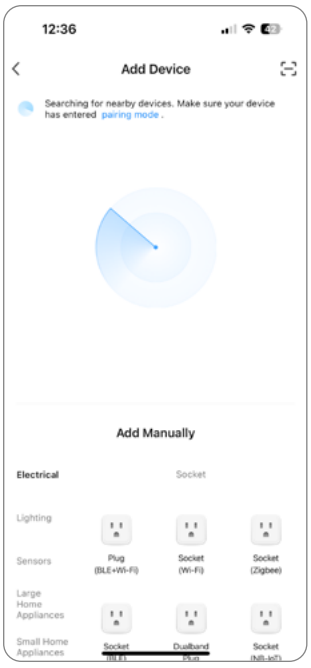


On the control panel - hold the WiFi button (highlighted), for 3 seconds, until the indicator light blinks rapidly. The unit is now in pairing mode.

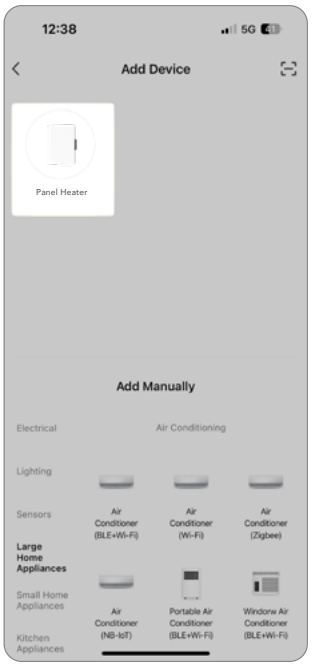
Add device



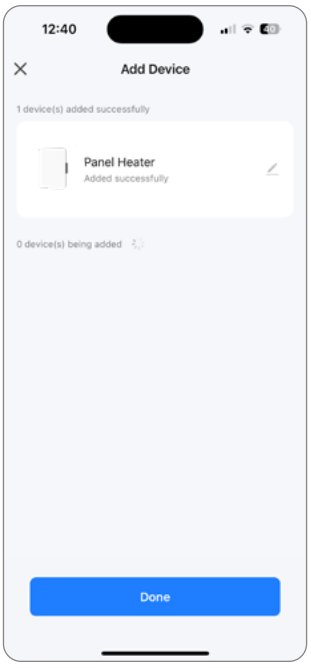
Click on either blue button highlighted to add a new device.



If the device is not already in pairing mode, do this now (see above).



The unit should appear in the devices list - click to continue.



Click 'Done' when the unit has been added.

MHS Radiators Limited, Unit 4 Genesis, Endeavour Drive, Basildon, SS14 3WF

Tel: 0345 521 5666 Fax: 01268 888260

RADS 2 RAILS®

(A division of MHS Radiators Ltd)

mhs@modularhg.co.uk | orders@modularhg.co.uk | aftersales@modularhg.co.uk

AFTERSALES - **01268 546775**

www.rads2rails.co.uk

CB030826