

The Visage DSR TFT Electric Panel Heaters

INSTALLATION & OPERATING INSTRUCTIONS



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1. General Information;

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance;

EHC Visage, Elegance and Visage Glass Electric Radiators have been designed using the latest technology to create an elegant solution for all hard to heat situations.

They can be installed in almost any location apart from the safety restrictions noted in this manual. The range has been developed to provide a flexible solution for electric heating in Domestic Properties, Conservatories, Holiday homes, Offices and any other heating situation.

Our unique EHC Visage, Elegance and Visage Glass Electric Radiators all have a high quality aluminium heating element providing the heat source for your new radiator. This high quality heating element has a large surface area that warms up quickly and distributes the heat in an effective and efficient way.

As safety is of paramount importance to EHC, all Electric Radiators have an in-built automatic twin overheat protection safety function.

The EHC Visage and Visage Glass Radiators also come with a patented 'Magmatic' heating tablet providing partial heat retention. Whilst the radiator is classed as a 100% efficient Direct Acting appliance, the heating tablets provide partial storage to prolong your heating comfort and to help reduce running costs.

The EHC Visage Glass Electric Radiators have the same internal components as the EHC Visage Radiator but have an ultra-modern streamlined toughened glass front. This clean, minimal contemporary styling allows these slimline heaters to blend into any room in your home.

The EHC Visage, Elegance and Visage Glass radiators can be simply plugged in to a Standard Socket or Hard Wired to an existing spur connection. The Visage and Elegance has the flexibility of being wall mounted or free standing on Castors or Feet.

All Visage heaters are supplied as standard with an in-built TDI digital time and temperature thermostat. This type of control allows you to set Comfort, Night Setback & Frost temperatures 24 hours a day / 7 days a week.

The EHC Visage Glass range of Electric Radiators are operated by Radio Signals and come supplied with a TPod programmer.

All EHC Electric Radiators are manufactured to the highest safety and quality Standards. Each radiator is CE Marked and carries all the necessary European Approvals. Each radiator is fully checked and tested prior to leaving the factory and as such is packed with full Quality Certification.



Please read all instructions before using this appliance and ensure these are stored in safe place for future reference.

2. Safety Information;

Electrical Connections.

IMPORTANT

The wires within the mains cable supplied with this heater are coloured as follows:

GREEN-YELLOW:	EARTH
BLUE:	NEUTRAL
BROWN:	LIVE



WARNING – THIS APPLIANCE MUST BE EARTHED

The radiator is fitted with a standard UK 3 pin plug that can be directly connected to an electrical socket. Care must be taken when connecting radiators in this way not to overload the ring main circuit. **If you are unsure contact a qualified electrician.**

Alternatively, the mains cable can be cut to length by a Qualified Electrician and connected to a suitable 13A DP Switched Fuse Connection unit adjacent to the radiator. This connection unit should comply with BS 1364-4 having a contact separation of at least 3mm . Please ensure that the electricity supply is disconnected prior to using this installation method.

The installation of this appliance in this way must be carried out by a competent electrician in accordance with I.E.E. Regulations for Electrical Equipment.



Please read all instructions before using this appliance and ensure these are stored in safe place for future reference.

2.1. Safety Information



- WARNING: In order to avoid overheating, do not cover this appliance.
- The appliance must not be located immediately below a socket outlet.
- To avoid burns, do not touch the hot surface of the appliance when it is in use.
- Do not run the power cord under carpets, rugs or runners and ensure it is away from a traffic area to avoid slips trips and falls.
- Connect the appliance to a properly grounded power outlets only.
- Use the appliance only as described in this manual as any other use which is not covered in this manual may cause fire, electric shock, injury to persons.
- If the supply cord is damaged it must be replaced by an authorised service agent, or an approved competent person in order to avoid an electric shock hazard.
- Please do not place clothes or towels on the radiator as this will result in the radiator over heating.
- Always use the appliance in an upright position, make sure the appliance is on a dry even surface.
- Do not insert or allow foreign objects to enter any ventilation openings as this may cause an electric shock, fire and/or damage to the appliance.
- Do not use the appliance for any other purpose than its intended use.
- Do not position the appliances in close proximity to curtains other combustible materials or explosive objects, or objects which can be easily deformed or damaged
- Keep combustible material such as furniture, cushions, soft furnishing, paper, clothes at least 1.0m away from the appliance.
- Do not operate in areas where paints or flammable liquids are used or stored.
- The appliance is not suitable for outside use
- Do not use this heater in the immediate surroundings of a bath, shower or swimming pool.
- If this heater is to be installed in a room containing a bath or shower, it must be installed in such a way that any that none of the controls or switches can be touched when using the bath or shower.

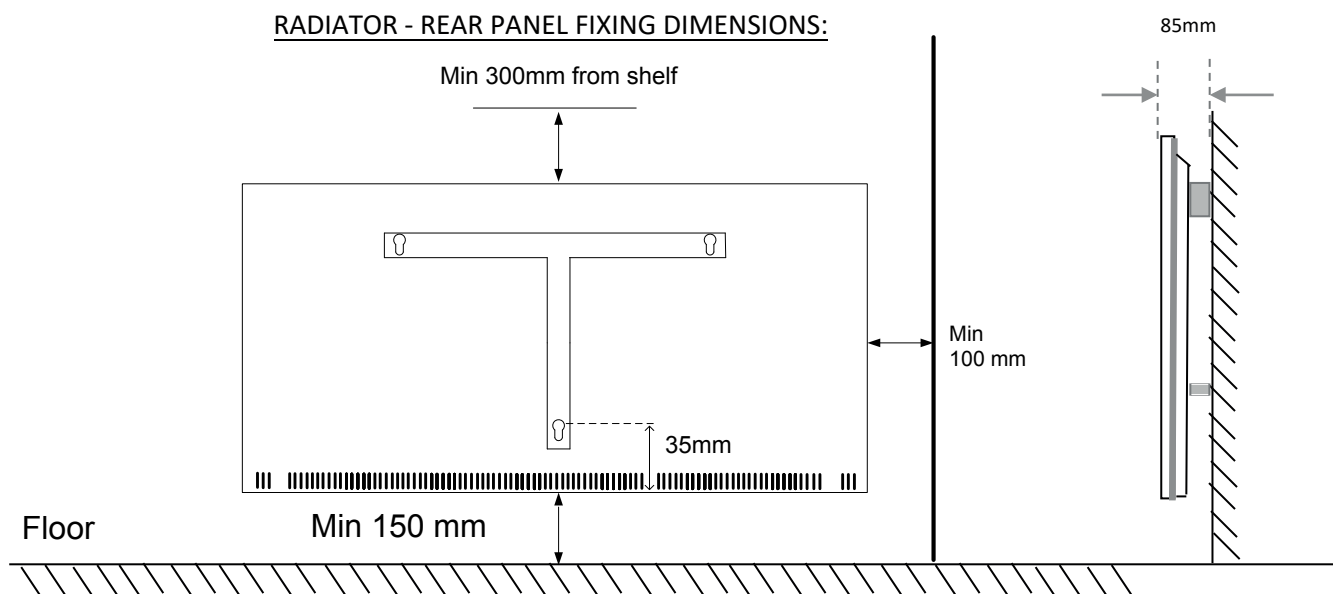
3. Installation;

Wall fixing information.

When installing the appliance, the minimum safety distances detailed below must be maintained to ensure combustible objects cannot catch fire. Secure the heater to an upright wall that is resistant to a minimum temperature of 90°C.

Ensure there is a minimum distance of 150mm to the floor and a minimum space of 100 mm between the appliance and any other objects. Any window sills, roof slopes, brackets etc. must be located at least 300mm away from the hot air vents of the heater,

If this heater is to be installed in a room containing a bath or shower, it must be installed in such a way that none of the controls or switches can be touched when using the bath or shower.



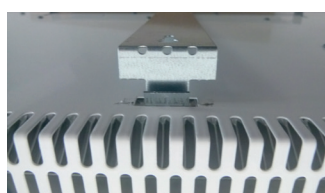
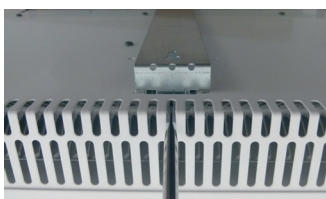
Wall fixing information;

1. Measure 185 mm (min) from the floor to the bottom of the wall bracket, level the bracket and mark your drilling positions.
2. Drill 3 x holes using a 5.5mm bit fixing the bracket to the wall using the screws and plugs supplied.

3. Now hang the heater onto the brackets as shown into place.



4. To remove the heater insert a small screwdriver through the slots at the bottom of the unit, push upwards to release the clip.



3. Installation;

Wall Types;

Note: The appropriate fixings must be used depending on the wall types the heaters are to be fixed onto.



Solid brick/High density block walls:

Use the rawlplugs and screws provided with the heater. The correct size of drill (5.5mm) should be used and the hole should be drilled to a depth of 8mm greater than the length of the Rawlplug so that the fixing is made below the plaster layer.

Low density block walls:

A special fixing, such as Unifix LB70 should be employed, following closely the manufacturers instructions.

Panelled internal walls:

It is preferable to locate the timber studding and use the screws provided. Where it is not possible to locate the studding use a recommended plasterboard fixing that is capable of withstanding the full weight of the heater.

Note: The wall fixing manufacturer should be consulted to make sure the correct fittings are used for the wall type.



Optional Radiator Feet;

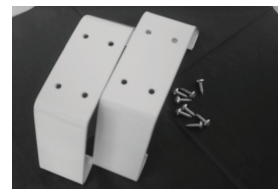
Visage & Eligance heaters (Excluding Glass) can be mounted with free standing feet.

The appliance must be located in such way that any potentially combustible objects or materials do not come in contact with the heater to prevent damage or fire.

How to install the feet;

1. Place the heater on a flat desk or work surface.
2. Match the holes on the bottom of the unit to the 4 holes on both feet (fig. 1)
3. Fasten the feet to the unit by fixing with the screws provided.

(fig. 1)



4. Electrical Installation

Electrical installation



- The appliance has been designed to be connected to 230 V (nominal) alternating current (AC); 50Hz supply and comes with a standard UK 13A 3 pin plug that can be directly connected to an electrical socket.
- All electrical installation work, in particular protective measures, must be carried out in compliance with the BS7671 regulations, statutory provisions and 'best industry practice' of the respective utilities provider.
- The electrical installation may only be carried out in compliance with the installation instructions and by a competent suitably qualified electrical engineer.

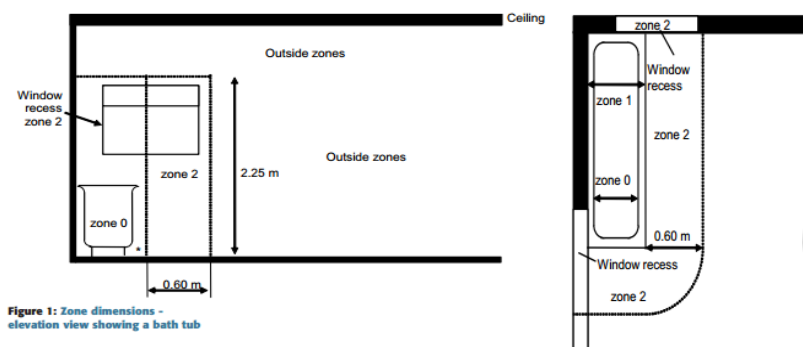
WARNING - THIS APPLIANCE MUST BE EARTHED

- For each supply, a means for disconnection must be incorporated in the fixed wiring by a double pole switch with a contact separation of a minimum of 3mm and in accordance with the current IEE Wiring Regulations.
- The heater must not be installed immediately below a fixed socket outlet or any combustible object.
- If multiple heaters are to be installed and plugged into the domestic socket ring circuit then considerations should be made in regards to the total circuit loading.

Bathroom Zones

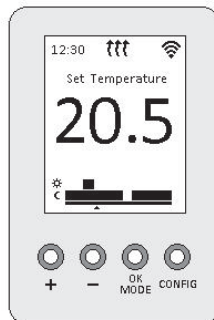
Note: The **Visage & Elegance** range of radiators are suitable for installation in bathrooms and are therefore rated to IPX4 which allows for the heater to be installed within Zone 2 as per regulation 701.32.4. Regulation 701.411.3.3 of BS7671 means that all circuits within a location containing a bath or shower will require RCD protection not exceeding 30 mA and have the characteristics specified in regulation 415.1. Local isolation should be provided for the heater however the isolation device must be installed out with all zones and in compliance with regulation 701.512.3 and Section 53 of BS7671.

'Bathroom Zones for Radiator installation' Zone 2



5. Operating Instructions DSR TFT

Manual Smart Thermostat DSR 2.0



4. on function

The device has four buttons:

- Increase temperature, navigate up.
- Decrease temperature, navigate down.
- Ok / mode, confirm or change operating mode.
- Config.

4.1.1 Screen icons

Heating active icon.



True radiant functionality active icon.



Heating + true radiant icon.



Open window functionality active.



Away functionality active.



Device link, if icon blinking device lost.



If there is any active error.

ErrX

4.2 Operation modes

The device has different operating modes: OFF, Manual, Auto and Modified Auto.

After starting the device appears a splash screen, then it goes to mode off. To change the mode the user has to press the OK/MODE button.

Alternatively, it is available the Boost Mode for temporary changes. In order to start Boost mode, the user has to press CONFIG button.

4.2.1 OFF mode

In OFF mode the device is switched off.

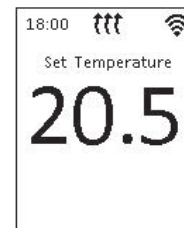


5. Operating Instructions DSR TFT

Manual Smart Thermostat DSR 2.0

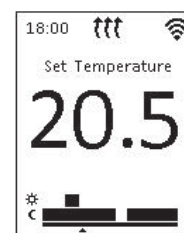
4.2.2 Manual mode

In manual mode the device is working with a fixed temperature selected by the user. The set temperature can be increased or decreased with UP or DOWN buttons.



4.2.3 Auto Mode - Modified Auto Mode

In Auto mode the device follows a programming schedule. The programming schedule has four different options: anti-frost, eco, comfort or off. The device can be configured both in full hours and in half hours. In the following sections will be explained how to program the device.



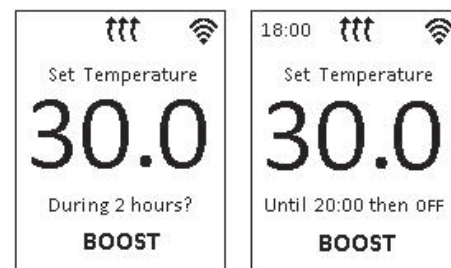
If the user wants to modify the slot temperature of the device in auto mode, without exiting this mode, press UP or DOWN buttons and it will change to Modified auto mode. Modified auto mode allows to set a temperature different from the set temperature of the current period, which will be maintained until there is a change in the programming period.



4.2.4 Boost Mode

For establishing Boost mode, the user has to pressed PROG button in any of the previous modes.

In Boost mode, the device will apply a temporary setting temperature change during a specified time.



Both temperature and time are configurable.

In order to change boost temperature, press UP or DOWN buttons, the device will change to set boost temperature screen. Press OK/MODE button to confirm this temperature change and it will change to set boost time screen. Boost time is configurable from 1 to 24 hours. Press OK/MODE button to confirm both, temperature and time. To exit Boost mode and return to the previous operating mode, simply press CONFIG button.

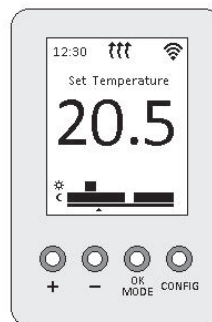
5. Operation Instructions DSR TFT

Manual Smart Thermostat DSR 2.0

4.3 Device Linking

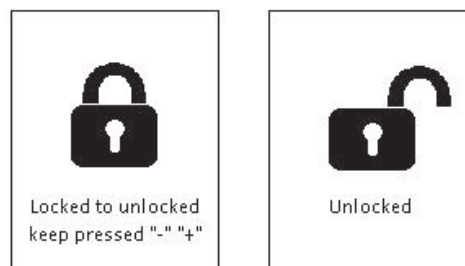
To link the device with your gateway, go to the App and navigate to Add Device, then click on heater.

On the device, you should press the OK/MODE button during 3s, you shall see a WiFi symbol begin to flash on the top right corner of the screen when connection is established with the gateway.



4.4 Keyboard Lock

To lock the device locally press UP and DOWN buttons during 5s at the same time. Do the same to unlocked it.



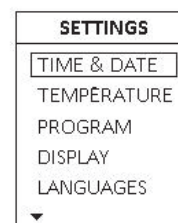
4.5 Device Settings

To configure the device settings press the CONFIG button during 5s. The navigation process in the different menus is the same:

- Navigate through the menus with the UP or DOWN buttons.
- Select or confirm with the OK/MODE button.
- Go back with the CONFIG Button.

The available settings options are:

- Time and date settings.
- Temperature settings.
- Program settings.
- Display settings.
- Language settings.
- Advanced settings.
- Link settings.



5. Operation Instructions DSR TFT

Manual Smart Thermostat DSR 2.0

4.5.1 Time & Date settings

In Time&Date settings menu you can define: Time, Date, Time format (12h/24h) and Date Format (dd.mm.yyyy/mm.dd.yyyy). This menu will not be available if the device is linked to the App.

TIME & DATE	TIME	DATE
TIME DATE FORMAT	22:55	dd.mm.yyyy 01.05.2018
FORMAT	TIME FORMAT	DATE FORMAT
TIME FORMAT DATE FORMAT	24 h ✓ 12 h	dd.mm.yyyy ✓ mm.dd.yyyy

4.5.2 Temperature settings

In temperature settings menu define Comfort, Eco and Anti-Frost temperatures. Each temperature can be defined from 5°C to 35°C, taking into account that Comfort > Eco > Anti-Frost. The default values are:

- Comfort temperature: 19.0°C.
- Eco temperature: 17.0°C.
- Antifrost temperature: 5.0°C.

TEMPERATURE	☀ COMFORT	🌙 ECO	❄ ANTI-FROST
COMFORT ECO ANTI-FROST	19.0	17.0	5.0

5. Operation Instructions DSR TFT

Manual Smart Thermostat DSR 2.0

4.5.3 Program Schedule settings

In Program setting menu the user can edit program schedule or select program resolution.

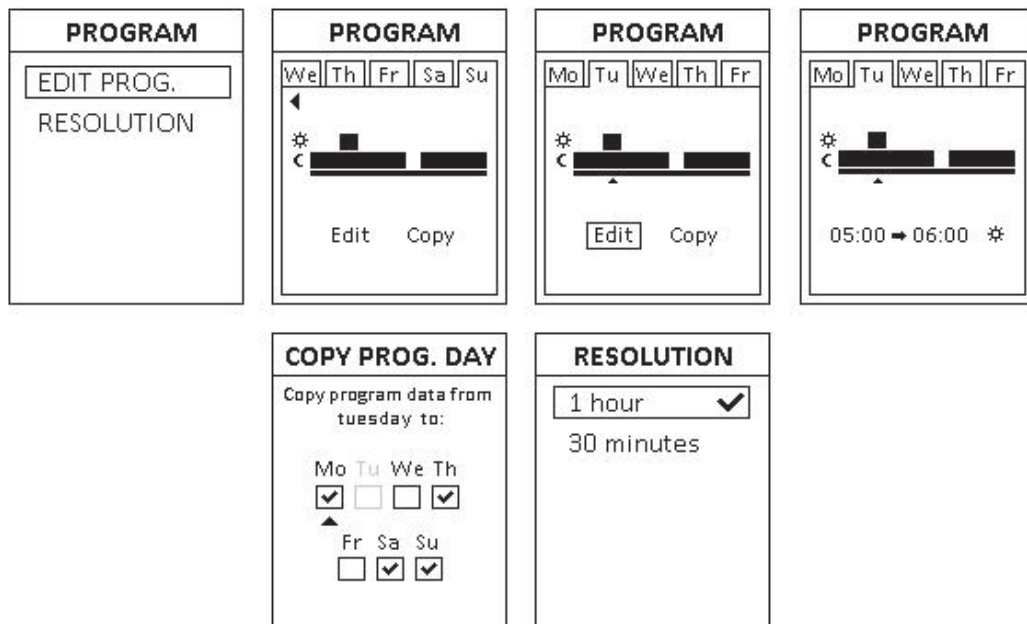
Navigation in edit program schedule view is described below:

- Select the programming day with UP or DOWN buttons and confirm with MODE button.
- Choose between Edit or Copy, to change program schedule or to copy the schedule to another day.
- If Edit option is selected, move current slot with UP or DOWN buttons, and change the temperature, between comfort, eco, antifrost or off, with OK/MODE button.

Confirm the changes with CONFIG button.

- If Copy option is selected, navigate through the days and select them pressing OK/MODE button. Confirm changes with CONFIG button.
- To change to previous option/screen press CONFIG button.

The schedule resolution menu allows to change the schedule resolution between full hours or half hours.



5. Operation Instructions DSR TFT

Manual Smart Thermostat DSR 2.0

4.5.4 Display settings

In Display settings you can configure:

- Time On: the time that backlight is active after a button press, by default 10 seconds.
- Brightness ON: brightness level when backlight is enabled, by default is 100%.
- Brightness OFF: brightness level when backlight is disabled, by default is OFF.
- Style: can be white background (default value), black background or colour.

DISPLAY	TIME ON	BRIGHTNESS ON
TIME ON	10 s ✓	100 % ✓
BRIGHT. ON	20 s	75 %
BRIGHT. OFF	30 s	50 %
STYLE	ALWAYS	25 %

BRIGHTNESS OFF	STYLE
OFF ✓	WHITE ✓
3 %	BLACK
10 %	COLOR
20 %	

4.5.5 Language settings

This device can be configured in four different languages: English, Deutsch, Spanish or French. In Language settings menu the user can select the wanted language. The default value is English.

LANGUAGES
ENGLISH ✓
DEUTSCH
SPANISH
FRENCH

4.5.6 Advanced Settings

The advanced settings menu allows to change some heater settings and check device state. The available options are:

- Units.
- Control type.
- Open Window.
- Smart start.
- Offset.
- Version.
- Wifi.
- Reset.

ADVANCED
UNITS
CONTROL TYPE
OPEN WINDOW
SMART START
OFFSET
▼

5. Operation Instructions DSR TFT

Manual Smart Thermostat DSR 2.0

4.5.6.6 Duty Limit

Duty limit is the function to reduce the load activation to achieve lower average power. The available values are:

- OFF (default), no limit is applied.
- LST means Low Surface Temperature and sets a 70% duty limit.
- Baby care sets a 50% duty limit.
- Value, where you can select between 70%, 80% or 90%.

DUTY LIMIT	
OFF	✓
LST	
BABY CARE	
VALUE	

4.5.6.7 Version

Version menu displays device's firmware version.

VERSION
FW version 1.0

4.5.6.9 Reset

In Reset menu, there are three reset possibilities:

- Reset Settings: only reset heater settings, keeping WiFi settings.
- Reset WiFi settings: reset only WiFi settings, keeping heater settings.
- Reset All: reset the device completely.

RESET		
RESET SETTINGS		
RESET WIFI		
RESET ALL		

RESET SETTINGS
CANCEL
CONFIRM

RESET WIFI
CANCEL
CONFIRM

RESET ALL
CANCEL
CONFIRM

4.5.7 Link menu

In Link menu, there is the possibility to carry out the provisioning process by selecting the way in which you want to connect the device: using AP mode or using BLE mode.

LINK
AP MODE
BLE MODE

4.6 Device initialization

When the device is switched on there is a welcome screen with the brand logo. In addition, if it is the first time the user initializes the equipment there is a screen to set the language.

LANGUAGES
ENGLISH ✓
DEUTSCH
SPANISH
FRENCH

5. Operation Instructions DSR Wifi

5.8.1 Account Registration

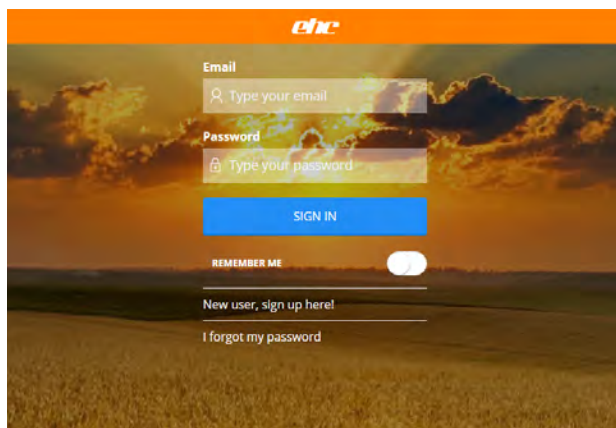
To create an account and activate your gateway go to: www.electric-heatingcompany.co.uk/download/dsr

Click on, "**New user,sign up here** " Follow the Online instructions to create your account.



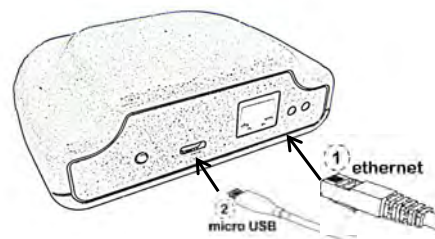
Note:

Once registered, you will be sent a Confirmation email. Click on the link to confirm the email to activate your account then sign in. (If you don't receive an email, check your Spam folder) You can also setup an account using the free App's that are downloadable from The Apple App Store & Google Play.



5.8.2 Setting Up DSR Gateway

1. Attach the Gateway to your internet router using the Ethernet cable provided.
2. Connect the power supply to the gateway using the micro USB cable.
3. When energised the Gateways LED's will begin to flash, Orange ON alternating Green every 5seconds means you are connected.



Note: If this doesn't happen check LED sequence list below.

Gateway LEDs Status

Green off, Orange flashing one second: discovery status (device pairing).

Orange on, Green flashing 0.2 seconds: the router has not assigned an IP address to the gateway.

Orange on, Green flashing briefly every 5 seconds: the router has assigned an IP address to the gateway correctly, but there is no communication with the server.

Orange on, alternating with green flashing briefly every 5 seconds: the Gateway has connected to the router correctly and has internet connection.



Note: It is preferable to register your account and gateway before installing it. If it is registered after installation it may take a few minutes to become accessible via the web, if you do not want to wait, disconnect and reconnect the power supply to the gateway to reset.

5. Operation Instructions DSR Wifi

5.8.3 Pairing

Once the DSR Gateway is connected to the Internet and fully registered, you can now pair it with your Heaters.

There are 2 ways to put the DSR Gateway into pairing mode.

Option 1.

You can simply press button on the gateway as shown below, the gateway will now begin searching for external devices.



Option 2.



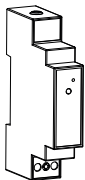
On your Computer, Smart Phone, or Tablet, select the **+ install** icon at the bottom of the screen, then select the device you want to install. This will put the DSR Gateway into pairing mode. An Orange LED will start to flash on the Gateway, you have 1 minute to add a device at this stage. For each additional new device that is added the available time increases as you go through the pairing process.



Pairing a Heater with the Gateway

When the Gateway is in pairing mode. Simply press and hold the OK  button on the heater for 3 seconds until the Link symbol appears:  your heater is now connected and ready to program through the App.

5.9 Optional Power Meter.



Note:

Installation of this device must be carried out by a competent electrician in accordance with I.E.E. Regulations for Electrical Equipment. BS:7671

Power Meter

The Power Meter is a device that monitors and helps to protect the main power supply to the property. From a Computer, Smart phone or Tablet you are able to access and view your total home or heating systems electrical consumption at any given time.

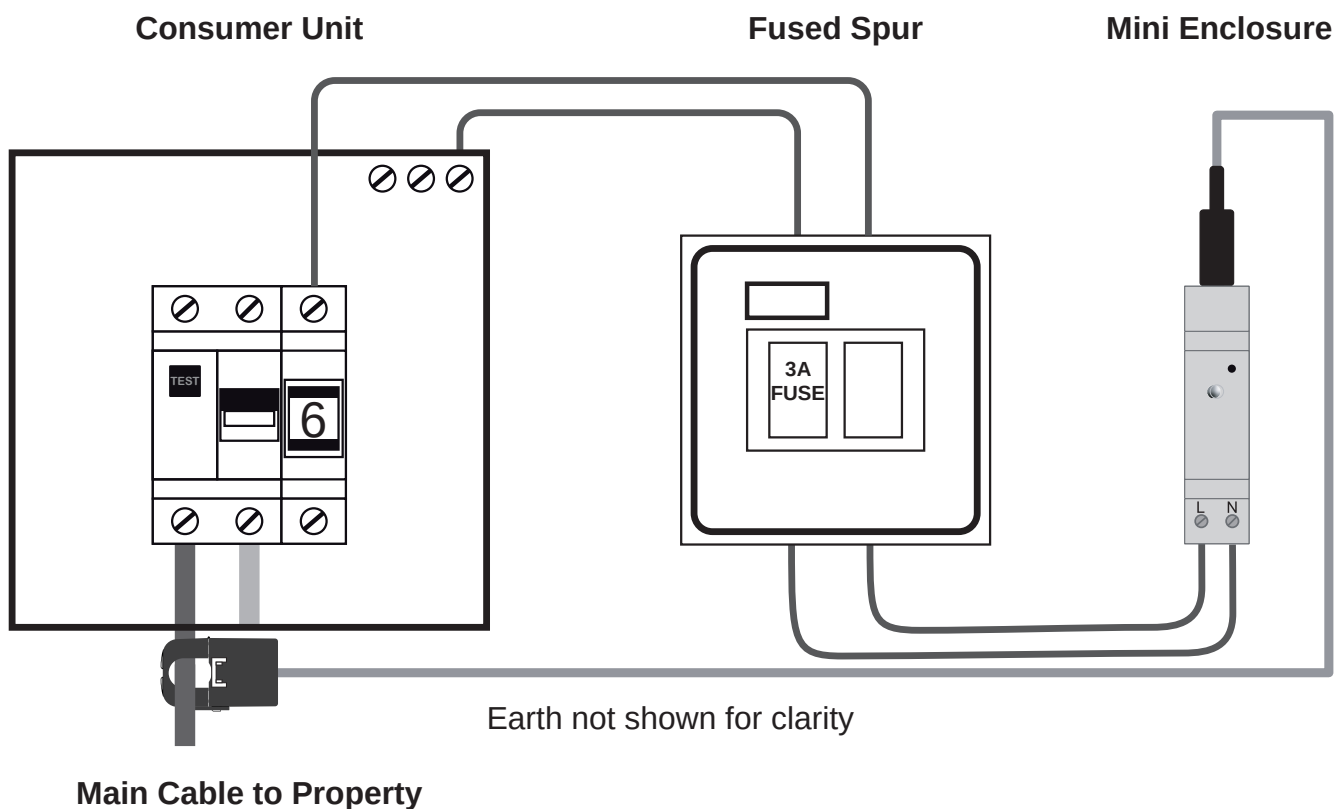
5. Operation Instructions DSR Wifi

Installation of Power Meter

The power meter should be connected to a spare 6 amp Mcb or Rcbo within the properties Consumer Unit. This supply should then be taken and connected to a fused switched spur with a minimum contact of 3mm and fuse rated to 3amps. From the fused spur take a supply cable to the Power Meter that should be mounted within a mini enclosure. Live and Neutral connections are clearly marked at the bottom of the device.

(Take care not to damage the Terminals when connecting the power cable to the Meter)

Typical Layout:



Pairing the Power Meter

You can simply pair the power meter in the same way as you would a heater by putting the gateway into Pairing Mode. Once the Gateway has been activated and is in the Pairing Mode, press the small button on the front of the power meter for 3 seconds  until it can be seen in the App.

The power meter will now begin recording the total amount of electricity used in the property, you can also set the maximum usable power available to protect the incoming supply preventing overloading of the system.

5. DSR Technical

Radiator Controller

- LCD STN with backlight
- 4 buttons
- RF 868Mhz
- 1PCB for control, 1PCB for Power
- 3 temperatures
 - Comfort
 - Economy
 - Frost
- Measured temperature resolution: 0.1°C
- Setting temperature resolution: 0.5°C
- Measured temperature range: 0-45°C
- Setting temperature range: 5-35°C
- Schedule programming resolution 1h
- PCB operating temperature <80°C
- External NTC probe
- Electric self consumption metering <3%error
- Transformer less power stage
- Max power: (16A)

Gateway

- External Power Supply Voltage, 5V 500mA
- Consumption 300mA
- Connector Type RJ45 Ethernet connector
- LED indicator conditions
- 868Mhz RF, integrated PCB antenna
- Micro USB Adaptor included
- Ethernet 0,5m cable included

Power Meter

- DIN Rail Mount mini enclosure required.
- External current sensor, 3.5 mm jack connector for easy installation.
- Supply 200-260V, 50Hz –no batteries-
- Consumption 0.65 – 0.9W
- RF 868Mhz integrated antenna
- Calculates active power & energy
- Direct measurement of voltage
- 100A/80A current sensor
- Error <3%

Dimensions.

Visage Models	Heating Output [Watts]	Width [mm]	Height [mm]	Depth Inc Brackets [mm]	Depth Exc Brackets [mm]	Weight [kg]
VIS1000.750.450 VISGB1000.750.450 VISGW1000.750.450	1000	750	450	87	68	11.5 17,0 17,0
VIS1200.750.450 VISGB1200.750.450 VISGW1200.750.450	1200	750	450	87	68	11.5 17,0 17,0
VIS1500.1050.450 VISGB1500.1050.450 VISGW1500.1050.450	1500	1050	450	87	68	15.0 22,0 22,0
VIS2000.1050.450 VISGB2000.1050.450 VISGW2000.1050.450	2000	1050	450	87	68	15.0 22,0 22,0
Elegance Models						
ELE1000.750.450	1000	750	450	87	68	8.2
ELE1200.750.450	1200	750	450	87	68	8.2
ELE1500.1050.450	1500	1050	450	87	68	10.3
ELE2000.1050.450	2000	1050	450	87	68	10.3

Guarantee.

Conditions of Guarantee EHC Electric Radiators

We are pleased to offer a 5 year guarantee on the recent purchase of your EHC Electric Radiator. The 5 year guarantee applies to the heating elements and body of the radiator.

The period of guarantee commences from the day of delivery. If within the guarantee period the radiator is defective due to faulty components we undertake to repair the radiator free of charge.

The guarantee shall not apply to damages caused by natural wear and tear, intentional misuse, non-observance of the operational instructions, connection to incorrect supply voltage, damages caused by corrosion or rust or use of aggressive cleaning agents.

The purchaser shall not be entitled to any rights and/or remedies under this guarantee if the radiator has been repaired, or attempted to be repaired, without written authorisation from us or if a part or parts not supplied by us have been used in a repair.

Any claims for compensation of damages beyond the scope of this guarantee are excluded.

The period of guarantee shall not be renewed or extended by repair or substitute radiator.

The guarantee is not be transferable.

All guarantee claims must be accompanied by a relevant test certificate which is supplied with every EHC Electric Radiator

6. Information required in accordance with Regulation 2024/1103

Contact details:				The Electric Heating Company Ltd, Unit 40 Block 5, Third Road, Blantyre, G72 0UP	
Model identifiers with DSM/DSR Thermostat					
Specification	Symbol	Value	Unit	Specification	Unit
Heat output				Type of room temperature controller (select one option)	
Nominal heat output	P _{nom}	0,750 - 2,000	kW	Single-stage heat output, no room temperature control	no
Minimum heat output	P _{min}	0,750 - 2,000	kW	Two or more manual levels, no room temperature control	no
Max. continuous heat output	P _{max,c}	0,750 - 2,000	kW	Room thermostat with mechanical thermostat	no
Power consumption				With electronic room thermostat	no
In the off state	P _o	0,50	Watt	Electronic room thermostat with time-of-day control	no
In standby mode	P _{sm}	0,50	Watt	Electronic room thermostat with weekly time control	yes
In idle state	P _{ide}	0,50	Watt	Other regulatory options (multiple answers possible)	
In networked standby mode	P _{nm}	0,70	Watt	Room thermostat with presence detection	no
Standby status with info or status display			yes	Room thermostat with open window detection	yes
Annual space heating utilisation rate in active operation	n _{son}	96,0	%	Remote control option	yes
				Adaptive control of the start of heating	yes
				Operating time limit	no
				Black ball sensor	no
				Self-learning function	no
				Control accuracy	no

		Code of the temperature control (TC)	Control functions							
			f1	f2	f3	f4	f5	f6	f7	f8
Type of temperature control	Single-stage, no temperature control	NC								
	Two or more manually adjustable levels, no temperature control	TX								
	Room thermostat with mechanical thermostat	TM								
	Electronic room thermostat	TE								
	Electronic room thermostat with time-of-day control	TD								
	Electronic room thermostat with week-day control	TW								
Control functions	Presence detection		1							
	Detection of open windows			2						
	Remote control options				3					
	Adaptive control of the start of heating					4				
	Operating time limit						5			
	Black ball sensor							6		
	Self-learning function								7	
	Control accuracy with CA <2 Kelvin and CSD <2 Kelvin									8

7. Simplified EU Declaration of Conformity

We hereby declares that the wall convectors in this manual comply with Directive 2014/53/EU.



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