



the electric heating company

# DEMAND SIDE RESPONSIVE ELECTRIC RADIATORS

Free APP  
Smart Eco Controller  
Power Control  
Easy Install & Setup  
Quality German  
Design



# Demand Side Responsive Electric Heating

EHC's unique **DSR** Electric Combination Radiators have **In-Built Wi-Fi** capability that can be activated using the optional **DSR** Gateway. They are the first German Electric Radiators of their type that can be controlled via a bespoke APP Control System. This easy to install system is suitable as a complete central heating system or stand-alone Radiators. They can be individually controlled using the Digital Controller located on the side of the Radiator or alternatively using the bespoke APP.

- Control your heating anytime and anywhere
- Fully controllable for both Time and Temperature
- Energy saving Eco Control APP
- Limit electricity consumption to avoid exceeding maximum power available
- Monitor your electricity consumption
- Open window sensor saving energy and money
- Use individually or as a fully integrated central heating system



- Portable (on castors or feet) or fixed (wall-mounted)
- 500w-2400w output
- Patented heating tablets continue to radiate heat for up to 45 minutes offering increased comfort
- High fin design provides up to six times the surface area of a conventional radiator
- Maintenance free and 100% Energy Efficient

15 Year Guarantee



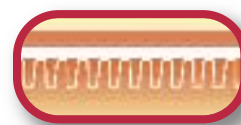
Simply connect to the Internet using a Smartphone, Tablet or PC and you will be able to open your EHC Smart APP to control your heating 24/7. Our APP is compatible with both Apple and Android products.

## EHC Radiator Technology

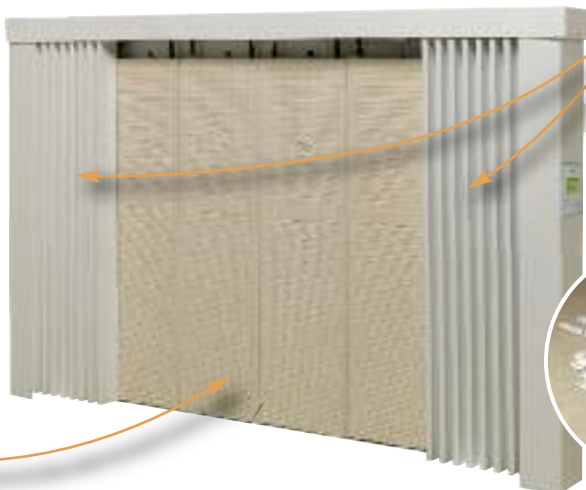
Our unique Combination Radiators are designed to store the heat directly into the Magmatic Heat Retention Tablets without any loss of energy.

When the EHC Radiators have achieved their required temperature the Electronic Thermostat will cut the power to the Radiator. The Radiator will continue to provide heat, which has been stored in the Magmatic tablets, for up to 45 minutes with no further use of electricity. The Radiators will use approximately 20 – 30 minutes of electricity per hour, depending on the building fabric and the outside temperature.

The contacts inside the Radiators are protected with heat shrinkable insulated sleeves to ensure optimum safety. Multiple thermocouples within each Radiator provide overheat protection for additional safety.



Outside - High Fin Surface area



Inside - Magmatic heat retention tablets

Installation kit for wall fastening



## DSR Time & Temperature



### Technical Specification

Stock Code	Output	Dimensions (mm)			Weight (kg)
		W	x H	x D	
EH500.38.63DSR	500watt	380	630	70	22
EH800.38.63DSR	800watt	380	630	70	22
EH1000.68.63DSR	1000watt	680	630	70	36
EH1200.68.63DSR	1200watt	680	630	70	36
EH1500.98.63DSR	1500watt	980	630	70	50
EH1800.98.63DSR	1800watt	980	630	70	50
EH2000.128.63DSR	2000watt	1280	630	70	62
EH2400.128.63DSR	2400watt	1280	630	70	62
EH500.68.34DSR	500watt	680	340	70	21
EH1000.85.34DSR	1000watt	850	340	70	24.5
EH1600.128.34DSR	1600watt	1280	340	70	34.5
EH2000.158.34DSR	2000watt	1580	340	70	38
EH1200.38.124DSR	1200watt	380	1240	70	35
EH1800.55.124DSR	1800watt	550	1240	70	58
EH2200.68.124DSR	2200watt	680	1240	70	62

# DSR Smart Wi-Fi APPs

## Home Page Menu

Displays the heating status, temperature and operational functions of your system. You can select how you want to program your Heaters 24/7 however you have the facility to make changes to your heating requirements anytime, anywhere.



## Consumption Limiter Menu

All homes have a maximum electrical power capacity. In order to stay within the limits of the capacity the Smart system has an inbuilt electricity consumption monitor / limiter. Our Smart Kit has an optional 100amp Power Meter Clamp.



## Power & Temperature Statistics Menu

The Smart system enables you to monitor the consumed power and temperatures at any time.



## Individual Heater Devices Menu

The Smart Wi-Fi system allows you to add, delete and prioritise Heaters at any time to provide you with full system control.



To convert your Smart Wi-Fi ready Radiator to an intelligent appliance that can be controlled anywhere, anytime you can purchase the EHC Smart Wi-Fi kit which includes:

- Smart Gateway
- Power Meter Clamp (optional)

## EHC Radiator Accessories



Feet Stands, Castors and Radiator Feet Supports

# ehc

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Blantyre Industrial Estate, Blantyre G72 0UP Tel: 01698 820533 Fax: 01698 825697 Email: [info@electric-heatingcompany.co.uk](mailto:info@electric-heatingcompany.co.uk)  
[www.electric-heatingcompany.co.uk](http://www.electric-heatingcompany.co.uk)



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