



Look into the Future...
Electric Heating Solutions

ehc
the electric heating company

No.1 Choice
Developers
Collection



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Leaders in the electric heating and hot water industry



The Electric Heating Company ("EHC") are one of the UK's leading suppliers of electric heating and hot water products in the UK for over 15 years. Using our expert knowledge and experience, we have developed our product portfolio to accommodate almost any Central Heating and Hot Water requirement. Our product knowledge and support is unrivalled in the heating and hot water industry. Within our portfolio we offer a complete range of high quality products including Electric Boilers, Electric Radiators, Unvented Stainless Steel Cylinders and Water Heaters.

Our products have been designed with both the installer and homeowner in mind and as such all the controls used with our products are contemporary, user friendly and meet current regulations.

They are extensively installed across the UK within the following traditional markets:

- ✓ Domestic Properties
- ✓ Off-grid Properties with no access to Mains Gas
- ✓ Social Housing Contracts – Tower Blocks, Sheltered Housing Complexes etc
- ✓ Properties that currently rely on LPG or oil fired central heating systems
- ✓ Conservatories and Sunrooms
- ✓ Portable Offices
- ✓ Holiday homes, Park Homes and Caravans
- ✓ Temporary Heating or Free Standing Purposes



Established & Experienced

With our vast experience of the Electric Heating market over the last 15 Years we have developed comprehensive Energy Efficient Products and ground breaking Customer Service Packages.

From initial enquiry to completed order we believe in focusing our attention on Customer Care. The personnel at The Electric Heating Company are approachable, very experienced and committed to ensuring you have the best available options when choosing your products.

EHC are supported by an extensive network of Accredited Heating Installers, who are fully trained on EHC Products and are qualified to complete a range of electric heating installations.



✓ *Quality*

EHC have extensive experience of the Electric Heating market and all our Products are designed and manufactured to the highest quality standards. They are commonly regarded as being reliable and affordable and are used on many projects throughout the UK as a preferred option especially when replacing outdated Storage Heaters. All our products are offered with a comprehensive Warranty which is also supported by our Accredited Installer Scheme throughout the UK.

Internal Specification Specialists

Professional Heat Design Services

Our In-house Design Team provide comprehensive support to Specifiers, Architects, Housebuilders, and Heating Contractors.

They have vast experience of various projects in the domestic and commercial markets. Upon receipt of your scaled drawings detailing the room dimensions, windows, insulation and U values, they will assess your requirements and provide the necessary heat loss calculations required for your project. The detailed, bespoke design outlines which specified products are required and all designs include costings, dimensions, weight and warranty information.

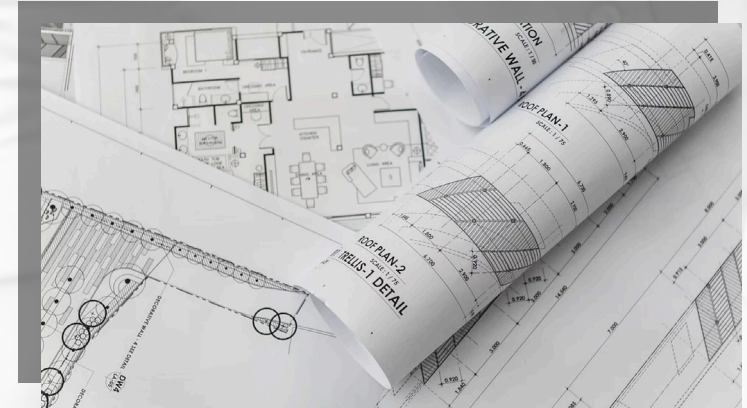
For a comprehensive Design we require the following:

- ✓ Scale Drawings (1:50 or 1:100).
- ✓ Require Construction U values.
- ✓ Details of the type of scheme (i.e. domestic, commercial, industrial or project name).
- ✓ Design temperatures required.
- ✓ Details of any special requirements.

Designs are supplied free of charge within 14 working days. EHC reserve the right to charge for all designs if EHC products are not specified and installed.

Call our team today to discuss your requirements

01698 820533



Upload your scale drawings online to
receive a detailed quote:

www.electric-heatingcompany.co.uk/dev

Our Design Service can include the following:

- ✓ Single Room
- ✓ Single Property
- ✓ Multiple Properties



Boiler
2 year
guarantee

- 
Time Saver
Install
- 
High
Quality
- 
Energy
Efficient
- 
Great
Performance
- 
Virtually
Silent
- 
Best
Price




















Incorporating the latest technology, the 2019 Fusion Astro Combi Boiler provides complete peace of mind for reliability, performance and safety.

The Fusion Astro Electric Combination Boiler provides a very cost effective alternative to electric storage heating, oil, solid fuel or LPG systems.

It is the perfect solution to properties with no access to mains gas supply and homes which have gas boiler restrictions such e.g. listed buildings and bed-sit sleeping areas. Not only is the electric boiler the ideal choice for wet central heating but is also suited to underfloor heating.

				
Astro 12kW				
Astro 14.4kW				
Astro 18kW 3Phase				
Astro 24kW 3Phase				

Features

-  100% efficient
-  Compact Design
-  Supply of DHW at constant set temperature
-  Rapid Heat Up Times
-  3 Bar Safety Protection
-  Underfloor Heating Mode: 20 to 40 deg C
-  Safe operation with automatic and manual air vent
-  Pressure Gauge
-  Fully Modulating Control System
-  LCD Screen
-  Low running noise
-  Single and 3phase boilers available
-  In-Built Fault Finding Diagnostics
-  Internal RCD Protection
-  No flue required
-  Low System pressure warning
-  Wilo Smart ErP Circulation Pump

Comet Combination Unit

The Comet Electric Boiler Combination Unit offers the comfort and convenience of wet central heating and domestic hot water for domestic properties with no access to mains gas.

It is a fully controllable 24/7 packaged unit housed in an elegant enclosure and is available in 9kW, 12kW or 14.4kW Outputs with an internal 140 Litre Duplex Stainless Steel Hot Water Cylinder. The Boilers internal plumbing is configured to an 'S' Plan design that also has an in-built magnetic filter for added protection and includes pre-plumbed Expansion Vessels for both the Heating and Domestic Hot Water circuits.

Supplied with an external Tundish and Domestic Hot Water Control Valve and a fully programmable Controller and Wireless Room Thermostat to provide full control of both the Central Heating and Domestic Hot Water.

Latest Features Include

- ✓ Inbuilt Programmer
- ✓ ErP Hot Water Control
- ✓ ErP Smart Pump
- ✓ Weather Compensation
- ✓ Tank Cleansing Feature (Anti Legionella)
- ✓ Optional Solar DHW PV Connection
- ✓ Wireless Thermostat

*Boiler
2 year guarantee*

*Stainless Steel
Cylinder 10 year
guarantee*



The Boilers inbuilt controller “Navigation Button” gives you easy access to the boilers settings by simply scrolling through the menu. There are various pre-set times that can be easily adjusted to suit your heating & domestic hot water requirements. For ease of installation a Wireless Room Thermostat is supplied which can be located anywhere within the property.

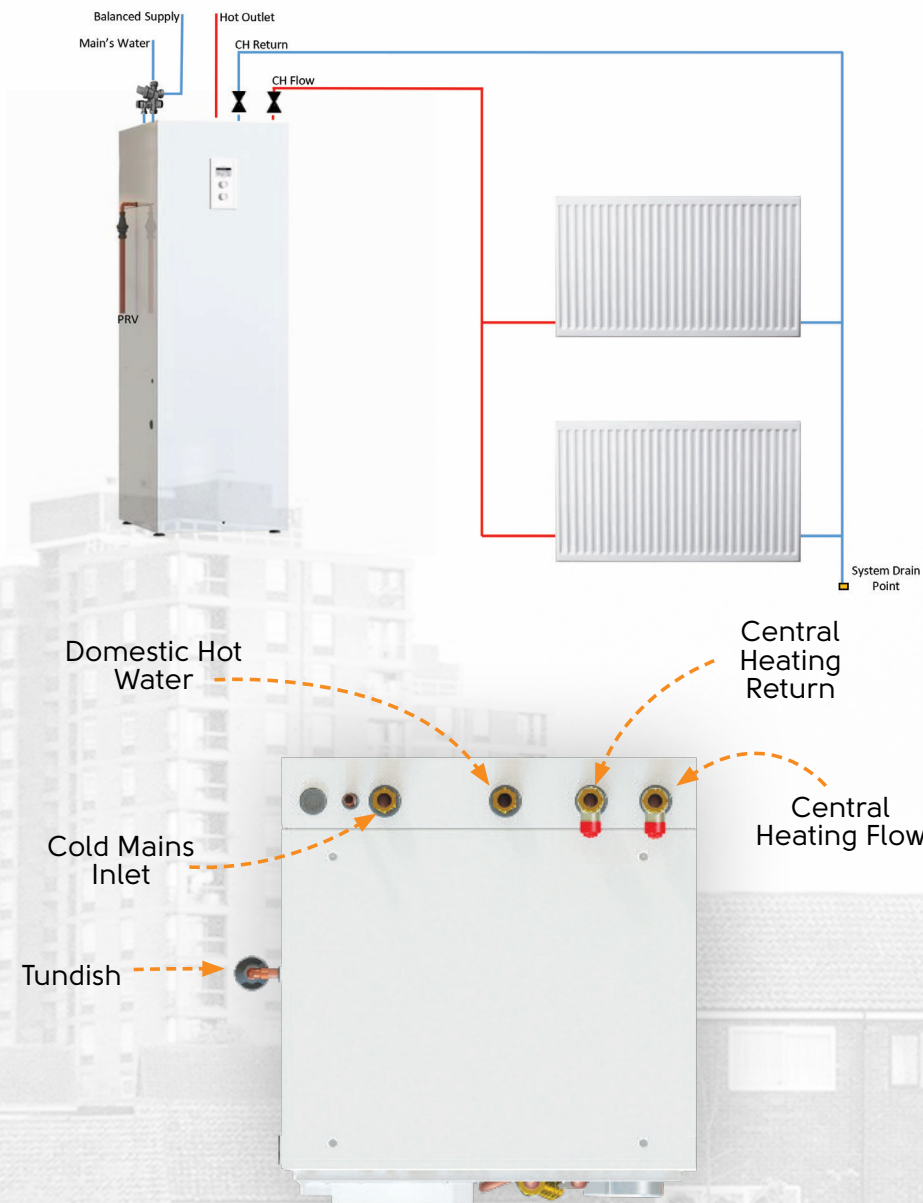
The unit has In-built Weather Compensation which will automatically modulate and reduce the Boilers input temperature in relation to the external temperature which reduces Boiler cycling and could save up to 15% energy usage. A further energy saving measure would be to add our optional Titanium PV Immersion heater to the Cylinder which when connected to a Solar PV diverter will automatically start heating the cylinder within the unit.

Comet Combination Unit Features

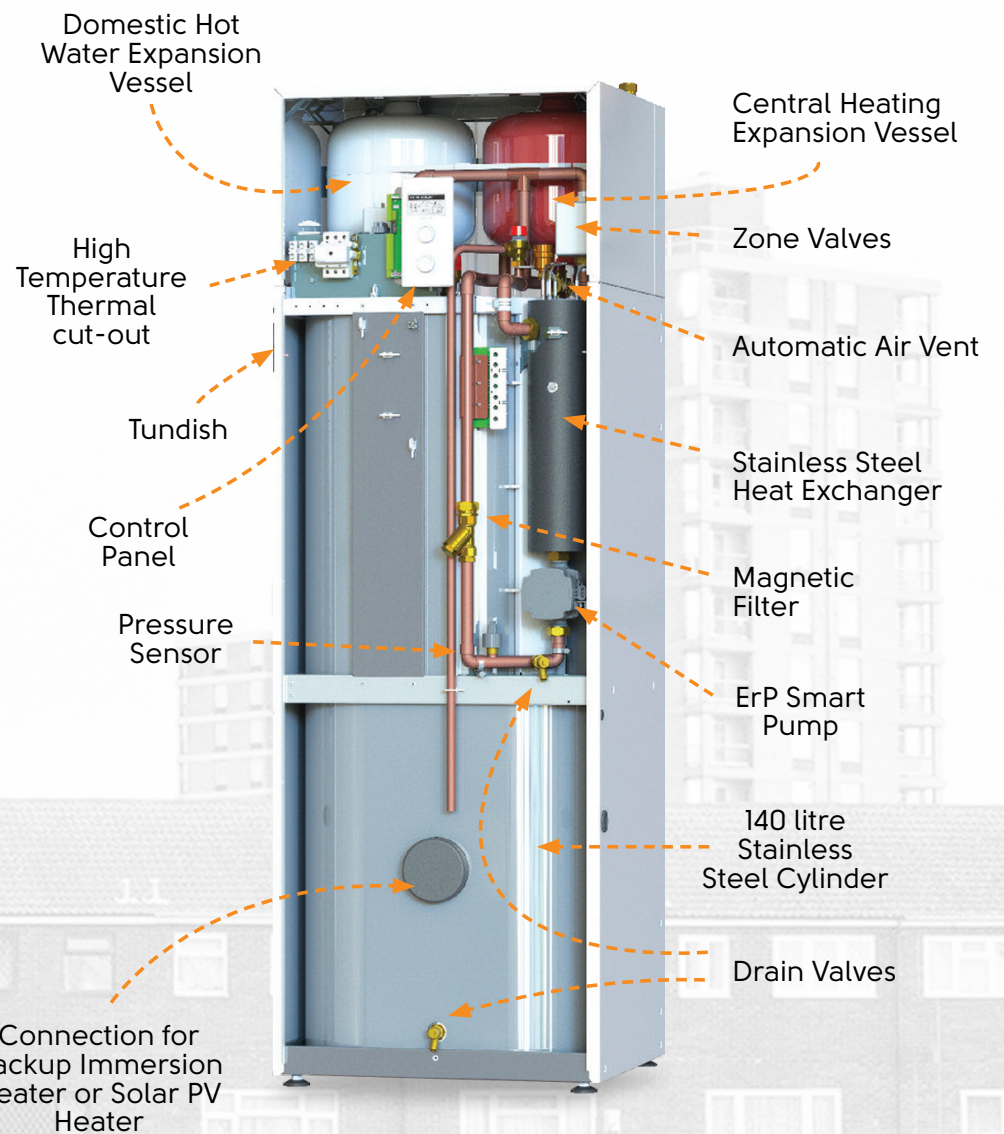
- ✓ Available in 9kW, 12kW & 14.4kW outputs
- ✓ Full Power Modulation
- ✓ Stainless Steel Heat Exchanger with Automatic Air Vent
- ✓ High Temperature Thermal Cut-Out
- ✓ Digital Pressure Gauge
- ✓ Inbuilt Weather Compensation
- ✓ Integral Programmer with system diagnostics
- ✓ Wireless Thermostat Included
- ✓ ErP Smart Pump
- ✓ 100% Efficient
- ✓ Magnetic Filter

Stainless Steel Cylinder & System Features

- ✓ 140 Litre Duplex Stainless Steel Cylinder
- ✓ ErP Smart Hot Water Control System
- ✓ T&P Relief Valve
- ✓ DHW & HTG Zone Valves
- ✓ Drain Point
- ✓ Optional Immersion Heater or Solar PV Heater
- ✓ Inbuilt Programmer
- ✓ Tank Cleansing feature



Top Entry Plumbing Connections



Comet Combination Unit *Technical Information*

		9kW	12kW	14.4kW
Electrical supply		240V - 50Hz		
Load current	Amp	38	50	60
Minimum permitted Cable diameter	mm ²	10	16	16
Circuit protection	Amp	50	63	80
Primary system pressure relief valve setting	Bar	3.0		
Primary system operating pressure (min)	Bar	1.0		
Thermal cut-out	°C	100		
Expansion vessel		Capacity 12L - pre-charged 1.5 Bar		
Outlet flow temperature	°C	30 to 85		
Primary circulating pump		Grundfos UPM3 or Wilo-Para 15/7 iPWM		
Safety valve	Bar	Opening pressure: 3 Bar		
Hydraulic connections		22mm		
17° to 55° Hot Water Recovery Time		44mins	36mins	29mins
17° to 65° Hot Water Recovery Time		72mins	56mins	45mins
Heating output	BTU	30709	40945	49134
Space heating ERP		D		
CYLINDER DETAILS				
Maximum water supply pressure	Bar	10		
Cylinder operating pressure (secondary)	Bar	3		
Cylinder operating pressure (primary max)	Bar	2.5		
Cylinder operating pressure (secondary max)	Bar	5.5		
Expansion relief valve setting (secondary)	Bar	6		
Thermostat	°C	30 to 70		
Tank capacity	ltr	140		
Temperature-pressure valve		90°C/7Bar TP152-1/2		
Expansion vessel	12ltr	3 Bar (charge pressure)		
Hydraulic connections		Copper pipe ø 22 x 1		
Optional immersion heater	3000w	240volt		
Net Weight	kg	107		
Gross Weight	kg	246		
Dimensions	mm	1745(h) x 580(w) x 630(d)		
Cylinder ERP		C		

OPTIONAL EXTRAS

EHC Shower Flow Sensor

Back-up Immersion Heater

Solar PV Immersion Heater



D

C



Time Saver
Install



Space
Saver



High
Quality



Energy
Efficient



Great
Performance



Virtually
Silent



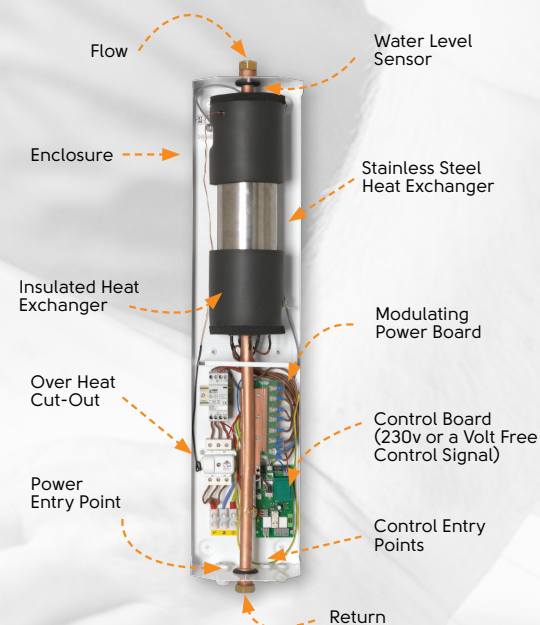
Best
Price

SlimJim Electric Boiler

*Pre-Plumbed / Pre-Wired Indirect
Cylinder Packages*

*The SlimJim is ideal for wet system and underfloor
heating applications*

- ✓ Outputs from 10kW to 14.4kW
- ✓ 3 Stage Power Selector
- ✓ Virtually silent in operation
- ✓ Provides central heating & hot water via the 'S' plan configuration
- ✓ Can be used for underfloor heating
- ✓ 100% efficient
- ✓ Stainless Steel Heat Exchanger
- ✓ Includes Run Dry Sensor
- ✓ No flue required
- ✓ No fumes and no risk of explosion



What's Included



**Boiler
2 year
guarantee**

**Extended
Warranty
Available**

Depth 172mm Weight 11kg

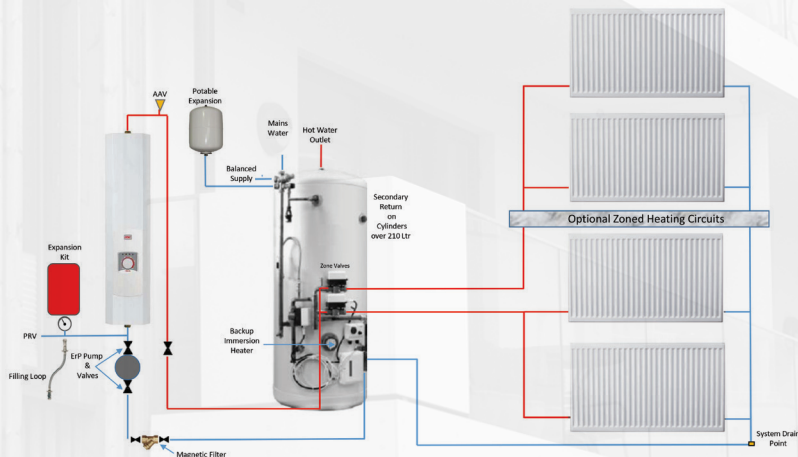
SlimJim Electric Boiler



**25 Year
Warranty**

Neptune Pre-Plumbed Stainless Steel Unvented Cylinder

- ✓ Choice of SlimJim Boiler 2 Year Warranty
- ✓ Choice of Indirect Unvented Stainless Steel Cylinder 25 Year Warranty
- ✓ Twin Channel Programmer 2 Year Warranty
- ✓ Room Thermostat 2 Year Warranty
- ✓ 8 Litre Robo Kit 2 Year Warranty
- ✓ Auto Air Vent 2 Year Warranty
- ✓ High Quality ErP Smart Pump 2 Year Warranty
- ✓ Lockshield Valves 2 Year Warranty
- ✓ Magnetic Filter 2 Year Warranty
- ✓ Automatic By-Pass 2 Year Warranty
- ✓ 2 Port Zone Valve (x2) 2 Year Warranty
- ✓ Wiring Centre 2 Year Warranty
- ✓ Dual Cylinder Thermostat 2 Year Warranty



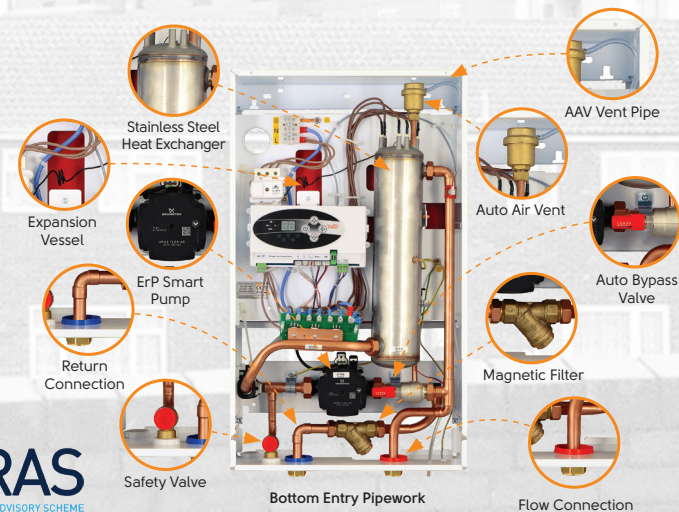
Code	Description	Number of Bedrooms
EHCSJ10/150PPC	SLIM JIM 10KW/150L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	1 or 2
EHCSJ10/180PPC	SLIM JIM 10KW/180L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	2
EHCSJ12/150PPC	SLIM JIM 12KW/150L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCSJ12/180PPC	SLIM JIM 12KW/180L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCSJ12/210PPC	SLIM JIM 12KW/210L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCSJ15/150PPC	SLIM JIM 14.4KW/150L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCSJ15/180PPC	SLIM JIM 14.4KW/180L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3 or 4
EHCSJ15/210PPC	SLIM JIM 14.4KW/210L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3 or 4

Fusion Comet Electric Boiler

Pre-Plumbed / Pre-Wired Indirect Cylinder Packages

With the sleek design and integral pipework the Boiler can be discreetly located in either a cupboard or wall mounted e.g. in the kitchen area

- ✓ Outputs from 9kW to 14.4kW
- ✓ Integral sealed system kit
- ✓ Virtually silent in operation
- ✓ Provides central heating & hot water via the 'S' plan configuration
- ✓ Can be used for underfloor heating
- ✓ 100% efficient
- ✓ Stainless Steel Heat Exchanger
- ✓ Parts & Labour Guarantee
- ✓ No flue required
- ✓ No fumes and no risk of explosion



WRAS
WATER REGULATIONS ADVISORY SCHEME



Time Saver
Install



High
Quality



Energy
Efficient



Great
Performance



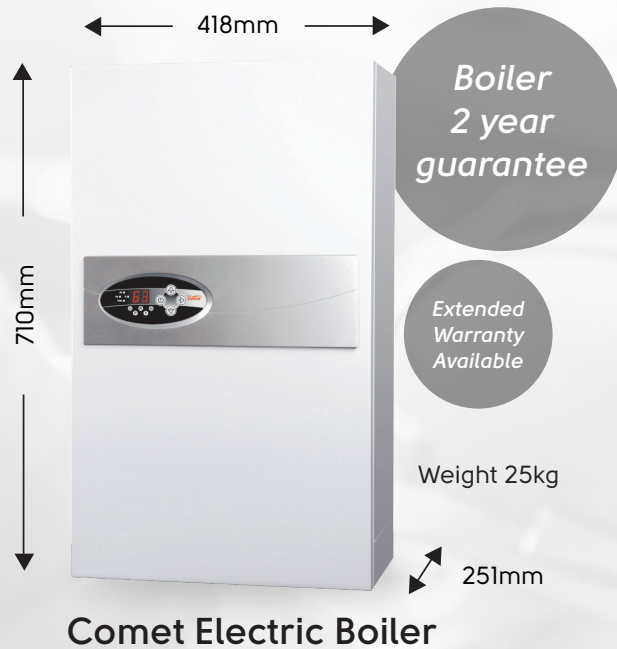
Virtually
Silent



Best
Price

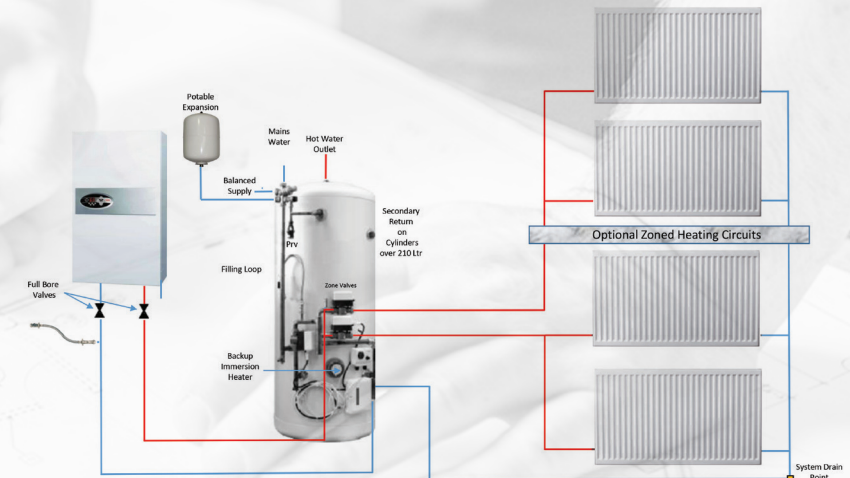


What's Included



- ✓ Choice of Comet Boiler 2 Year Warranty
- ✓ Choice of Indirect Unvented Stainless Steel Cylinder 25 Year Warranty
- ✓ Twin Channel Programmer 2 Year Warranty
- ✓ Room Thermostat 2 Year Warranty
- ✓ 2 Port Zone Valve (x2) 2 Year Warranty
- ✓ Dual Cylinder Thermostat 2 Year Warranty
- ✓ Wiring Centre 2 Year Warranty
- ✓ Auto Bypass & Filling Loop 2 Year Warranty

Code	Description	Number of Bedrooms
EHCCOM9/150PPC	COMET 9KW/150L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	1 or 2
EHCCOM9/180PPC	COMET 9KW/180L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	2
EHCCOM12/150PPC	COMET 12KW/150L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCCOM12/180PPC	COMET 12KW/180L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCCOM12/210PPC	COMET 12KW/210L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3
EHCCOM15/150PPC	COMET 14.4KW/150L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3 or 4
EHCCOM15/180PPC	COMET 14.4KW/180L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3 or 4
EHCCOM15/210PPC	COMET 14.4KW/210L ELECTRIC BOILER c/w INDIRECT PRE-PLUMB CYLINDER	3 or 4





EcoDesign Lot 20
Compliant



Great
Performance



5
Year
Warranty



Best
Price



Manual
Control



Wi-Fi
Control



Sleek Stylish
Design



Virtually
Silent



RAL9010
Colour



Available for Apple &
Android devices



Solaris Heater with Direct Cylinder Package



Each heater has its own
in-built State of the Art
easy to use Digital Time &
Temperature Programmer
which can be controlled
manually or from our DSR
Smart APP.

What's Included



Solaris Panel Heater

A modern, slim, stylish and carefully sized Convector Heater which has been designed with a gentle curved front that will enhance any room within the home whilst providing a quick and responsive heating experience. It is manufactured using high grade 100% recyclable Aluminium.

Choice of the following outputs:

500w Heats up to 5m²

1000w Heats up to 10m²

1500w Heats up to 15m²

2000w Heats up to 20m²



Neptune Direct Stainless Steel Unvented Cylinder

Direct hot water cylinders for electric water heating, designed with quality and performance in mind, ranging from 120 to 300 litres capacity

With up to 45% more insulation the Neptune cylinder series has an industry leading performance with outstanding ErP ratings for maximum efficiency.

For Domestic Hot Water Control Purposes we supply our Supreme Saver



DSR Smart Control APP

- ✓ Control your heating anywhere and anytime
- ✓ Switch the Heaters On/Off at any time
- ✓ Adjust each room temperature separately
- ✓ Limit electricity load to avoid exceeding maximum power available
- ✓ Monitor your electricity consumption
- ✓ View the electricity and temperature consumption history



EcoDesign Lot 20
Compliant



Great
Performance



10
Year
Warranty



Best
Price



Manual
Control



Wi-Fi
Control



Sleek Stylish
Design



Virtually
Silent



RAL9010
Colour



Available for Apple &
Android devices



Edge Heater with Direct Cylinder Package



Each heater has its own
in-built State of the Art
easy to use Digital Time &
Temperature Programmer
which can be controlled
manually or from our DSR
Smart APP.

What's Included



2 Year Controller
5 Year Main Body
Warranty

WRAS



25 Year
Warranty



CONTROL
ANYWHERE
ANYTIME
24/7

Edge Panel Heater

The Edge is a traditional Convactor Heater which has been designed with a gentle curved profile on each side of the Heater. It is manufactured using high grade 100% recyclable Aluminium. It produces heat on demand and with the modular construction of the Heater it cycles airflow and emits heat throughout the room.

Choice of the following outputs:

500w Heats up to 5m²

1000w Heats up to 10m²

1500w Heats up to 15m²

2000w Heats up to 20m²

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Control Purposes we
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- ✓ Monitor your electricity consumption
- ✓ View the electricity and temperature consumption history



EcoDesign Lot 20
Compliant



Great
Performance



Year
Warranty



Best
Price



Manual
Control



Wi-Fi
Control



Sleek Stylish
Design



Virtually
Silent



RAL9010
Colour



Available for Apple &
Android devices

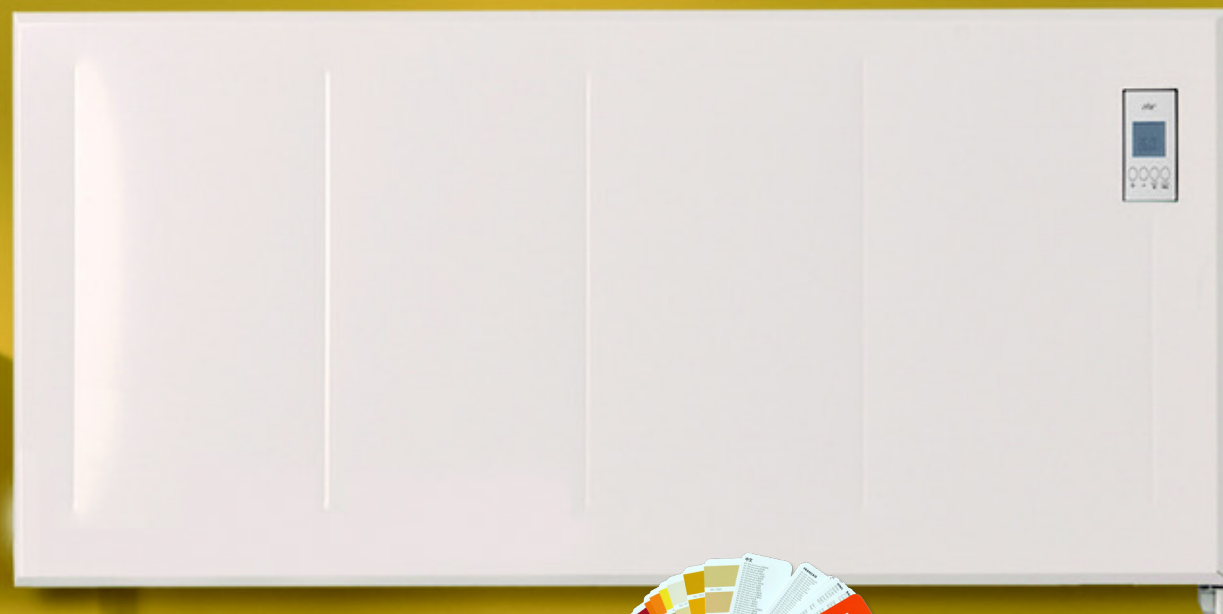


Visage Heater with Direct Cylinder Package

MADE IN
GERMANY



Each heater has its own
in-built State of the Art
easy to use Digital Time &
Temperature Programmer
which can be controlled
manually or from our DSR
Smart APP.



All DSR Visage Heaters are
available in the RAL colour
of your choice.

What's Included



2 Year Controller
5 Year Main Body
Warranty

Visage Panel Heater

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1200w Heats up to 12m²

1500w Heats up to 15m²

2000w Heats up to 20m²



25 Year
Warranty

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For Domestic Hot Water
Control Purposes we
supply our Supreme Saver



DSR Smart Control APP

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- ✓ Adjust each room temperature separately
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- ✓ Monitor your electricity consumption
- ✓ View the electricity and temperature consumption history



ehc

the electric heating company

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