

ehc

the electric heating company

No.1 Choice Eco-Friendly

ELECTRIC BOILER COLLECTION

The ultimate solutions for all types of residential and commercial central heating and instantaneous hot water

*Pioneering Innovation
& Sustainability*



Contact us for a quote or more information

www.electric-heatingcompany.co.uk

☎ 01698 820533

Leaders in Electric Heating & Hot Water



Innovative heating and hot water specialists, The Electric Heating Company, have developed their product portfolio to accommodate almost any Central Heating and Hot Water requirements you may have.

From the 2024 Comet PV and the Astro Combi Boiler to the space saving SlimJim Electric Flow Boiler, our product knowledge and technical assistance is unrivalled in the heating and hot water industry.

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 and user friendly, many app controlled or compatible with the latest smart home eco systems.

We can supply a choice of Boiler Packs and our Electric Combination Boilers for a complete Heating & Hot Water installation. The Electric Boiler, Cylinder and Controls are all included within our exclusive packages.

EHC are renowned for always putting the customer first and have won National Customer Service Awards in recognition of our efforts.



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The Electric Heating Company Difference

From initial enquiry to completed order we believe in focusing our attention on Customer Care.

The staff at The Electric Heating Company are approachable, very experienced and committed to ensuring you have the best available options when choosing your products.

Our Products are specified on many contracts throughout the UK and our customer base includes Social Landlords, Private Landlords, Developers, Homeowners and the general Heating Trade.

In addition to our product catalogues, our websites contain Installation & Technical Manuals, Energy Information and a host of other relevant details relating to our products.

You can also view our informative product videos from the website or our YouTube channel.

EHC offer an Accredited Heating Contractors scheme that operates throughout the UK.

For more information call us on 01698 820533 for advice, brochures, technical information or alternatively visit our website at www.electric-heatingcompany.co.uk

When installing an Electric Boiler

- ✔ Electric Boilers are 100% efficient therefore there is no requirement to oversize the appliance.
- ✔ If an efficient Direct Cylinder is present within the property the Boiler can be installed for Heating only.
- ✔ Heat Loss calculations should be made in accordance with the latest regulations.
- ✔ Most 1, 2 & 3 bedroom properties are generally suitable for an Electric Boiler.
- ✔ Properties with a high hot water demand are better suited to an Indirect Cylinder with an 'S' Plan configuration.
- ✔ When installing an Electric Boiler always ensure that the property electrical supply is sufficient for the Boiler Output.
- ✔ To accommodate "Off-Peak Time Of Use" electricity tariffs it is recommended that a Programmer with a facility for 3 On/Off periods is installed.
- ✔ Electric Boilers are suitable for Volt Free, Hard Wired and Wireless Thermostats and Controls.
- ✔ If the property has an electric shower it is advisable that a Shower Flow Sensor or Relay Interrupt is installed to prevent the Electric Boiler and Electric Shower operating at the same time.
- ✔ Electric Boilers are a Zero Emissions appliance and have no flue requirements.
- ✔ EHC offer 3-Phase larger capacity Electric Boilers that are suitable for light commercial purposes such as; offices, Schools, pubs, etc.



Scan here for more information



The new era of sustainable home heating with The Electric Heating Company's latest offering – The Comet PV Electric System Boiler.

This state-of-the-art solution that not only provides you with 100% efficiency and Zero Carbon but also aligns seamlessly with commitment for renewable energy. The Comet PV Electric System Boiler can be integrated with Solar PV seamlessly if required, but the boiler can also work as a standard electric system boiler.

Contact a member of our team today on 01698 820533 to learn more!

- PV Integration (optional)
 - Zero Carbon
 - Energy Monitoring
 - Weather Compensation
 - Automatic DHW Anti-Legionella Feature
 - Adjustable Flow Temperature: 20°C – 85°C
 - Soft Start Fully Modulating Elements
 - Cascade Feature for larger installations
 - Heating & Hot Water controls built-in for simple operation
 - Compatible with 3rd party controls
 - Smart Boiler Control Via App**
- Supplied with Room Temperature Sensor, Outdoor temperature Sensor & DHW Tank Temperature Sensor.

Capable of working on multiple heating circuits simultaneously, each operating at different temperatures.

Available in outputs from 2kw to 24kw, Which can be adjusted on-site to achieve optimal performance.

Maximising energy brought from your solar panels. Minimising excess energy going back to the grid.

Multiple outputs. Configurable on-site. With 3 models available:

- Model 1: EHCEPV8KW - 2, 4, 6, 8kW
- Model 2: EHCEPV14.4KW - 7.2, 9.6, 12, 14.4kW
- Model 3: EHCEPV24KW - 12, 16, 20, 24kW

*Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website

**Optional Internet Module sold separately



5 YEARS WARRANTY*

The Comet PV Electric Boiler is a sleek modern fully controllable system Boiler.

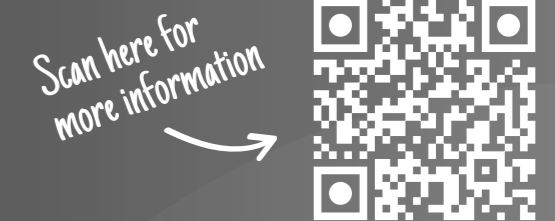
- Outputs selectable from 2kW to 14.4kW
- Integral sealed system kit
- Virtually silent in operation
- Boiler provides central heating only and domestic hot water is provided by the direct unvented cylinder
- Can be used for underfloor heating
- 100% efficient
- Stainless Steel Heat Exchanger
- Parts & Labour Guarantee
- No flue required
- No fumes and no risk of explosion

What's Included

- Choice of Comet PV Boiler
- Choice of Direct Unvented Stainless Steel Cylinder
- Supreme Saver Hot Water Programmer
- Room Temperature Sensor, Outdoor Temperature Sensor & DHW Tank Temperature Sensor

- High Quality
- 100% Energy Efficient
- Great Performance
- App Controlled
- Virtually Silent

The CometPV Electric Boiler is a sleek modern fully controllable system Boiler



Code	Description	Number of Bedrooms
EHCEPV8/120	COMET PV 8KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	1 or 2
EHCEPV8/150	COMET PV 8KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	2
EHCEPV8/180	COMET PV 8KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/120	COMET PV 14.4KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/150	COMET PV 14.4KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	3 or 4
EHCEPV14.4/180	COMET PV 14.4KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/210	COMET PV 14.4KW/210L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/250	COMET PV 14.4KW/250L ELECTRIC BOILER c/w DIRECT CYLINDER	3 or 4



CometPV

Like all EHC Boilers, the Comet PV Electric Boiler has been designed to eliminate unnecessary external plumbing, pipe work and ease of installation.

- ✔ Outputs selectable from 2kW to 14.4kW
- ✔ Integral sealed system kit
- ✔ Virtually silent in operation
- ✔ Can provide central heating & hot water with 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

What's Included

- ✔ Choice of Comet PV Boiler
- ✔ Choice of Indirect Unvented Stainless Steel Cylinder
- ✔ 2 Port Zone Valve (x2)
- ✔ Wiring Centre
- ✔ Dual Cylinder Thermostat
- ✔ Room Temperature Sensor, Outdoor Temperature Sensor & DHW Tank Temperature Sensor

High Quality

Energy Efficient

Great Performance

Best Price

Virtually Silent

Scan here for more information



Like all EHC Boilers, the CometPV Electric Boiler has been designed to eliminate unnecessary external plumbing, pipe work and ease of installation

Code	Description	Number of Bedrooms
EHCEPV8/120IND	COMET PV 8KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	1 or 2
EHCEPV8/150IND	COMET PV 8KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	2
EHCEPV8/180IND	COMET PV 8KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/120IND	COMET PV 14.4KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/150IND	COMET PV 14.4KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/180IND	COMET PV 14.4KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/210IND	COMET PV 14.4KW/210L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/250IND	COMET PV 14.4KW/250L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4



CometPV

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

What's Included

- ✔ Choice of Comet PV Boiler
- ✔ Choice of Indirect Unvented Stainless Steel Cylinder
- ✔ 2 Port Zone Valve (x2)
- ✔ Wiring Centre
- ✔ Dual Cylinder Thermostat
- ✔ Auto Bypass & Filling Loop
- ✔ Room Temperature Sensor, Outdoor Temperature Sensor & DHW Tank Temperature Sensor

High Quality

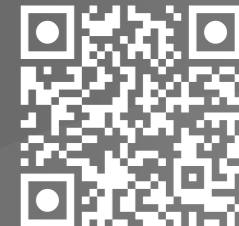
Energy Efficient

Great Performance

App Controlled

Virtually Silent

Scan here for more information



Designed to reduce installation time and eliminate unnecessary external plumbing and pipe work

Code	Description	Number of Bedrooms
EHCEPV8/120PPC	COMET PV 8KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	1 or 2
EHCEPV8/150PPC	COMET PV 8KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	2
EHCEPV8/180PPC	COMET PV 8KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/120PPC	COMET PV 14.4KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/150PPC	COMET PV 14.4KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/180PPC	COMET PV 14.4KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/210PPC	COMET PV 14.4KW/210L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/250PPC	COMET PV 14.4KW/250L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4

The compact design of the boiler makes it ideal for heating applications where space is at a premium.

The SlimJim is traditionally installed by professional heating engineers in properties such as apartments, domestic dwellings, holiday homes and light commercial properties. Our single phase Boiler outputs are 4kW, 7kW, 10kW, 12kW with the 14.4kW available for properties that require larger outputs.

Boiler Features

- ✓ Outputs from 4kW to 14.4kW
- ✓ Virtually silent in operation
- ✓ Suitable for central heating only or central heating & hot water
- ✓ Can be used for underfloor heating
- ✓ 100% efficient
- ✓ Stainless Steel Heat Exchanger
- ✓ 5 Year Guarantee*

Electronic Features

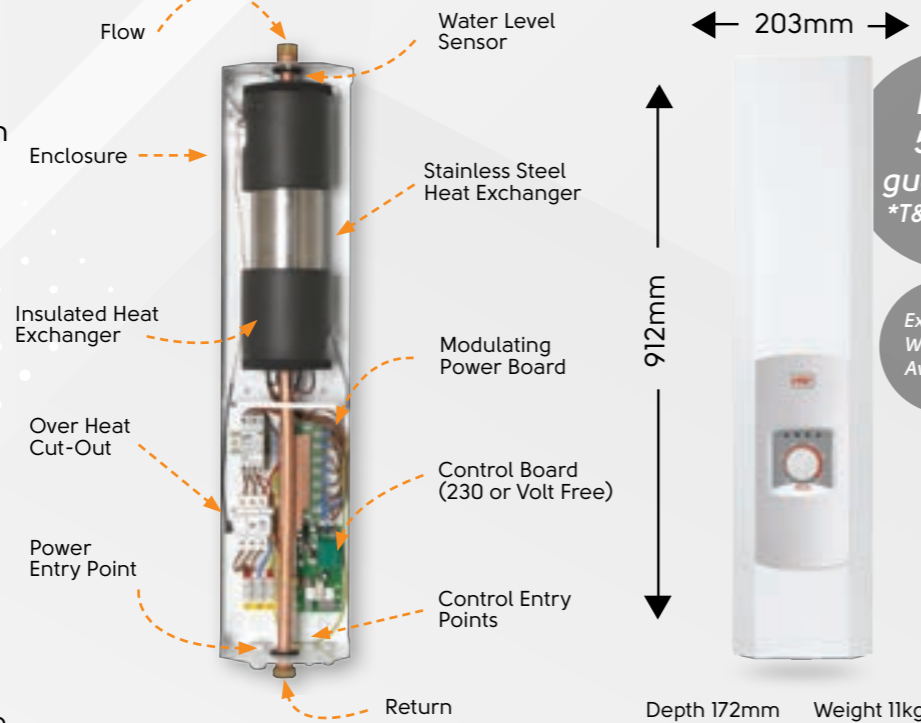
- ✓ Volt-free & 230v Control Connections
- ✓ Soft Start Fully Modulating Elements
- ✓ Integral System Diagnostics
- ✓ Run Dry Sensor
- ✓ Easy-Fit Connectors & Sensors
- ✓ High Temperature Thermal Cut-Out

The SlimJim is a fully controllable Electric Flow Boiler which is 100% efficient and designed to maximise cupboard space. The Boiler also has an easy-fit front cover for future maintenance purposes. It has a user-friendly Front Control Panel incorporating heat mode and fault finding indicators and easy-to-use temperature control setting. The stainless steel Heat Exchanger is fully insulated to minimise heat loss.

The Boiler temperature range can be set between 30°C and 80°C which also makes it a suitable choice for wet system and underfloor heating applications.

Safety is of paramount importance and as such the SlimJim Boiler incorporates a unique high temperature safety cut-out device to protect the boiler.

The SlimJim can be supplied as a Boiler only or complete with a choice of Heat Packs.



Boiler 5 year guarantee
*T&C's Apply

Extended Warranty Available

Scan here for more information



The compact design of the SlimJim Electric Flow Boiler makes it ideal for heating applications where space is at a premium.

- ✓ Outputs from 4kW to 14.4kW
- ✓ Virtually silent in operation
- ✓ Boiler provides central heating only & domestic hot water is provided by the direct unvented cylinder
- ✓ Can be used for underfloor heating
- ✓ 100% efficient
- ✓ Stainless Steel Heat Exchanger
- ✓ Run Dry Sensor
- ✓ No flue required
- ✓ No fumes and no risk of explosion

What's Included

- ✓ Choice of SlimJim Boiler
- ✓ Choice of Direct Unvented Stainless Steel Cylinder
- ✓ Single Channel Programmer
- ✓ Room Thermostat
- ✓ 8 Litre Robo Kit
- ✓ Auto Air Vent
- ✓ High Quality ErP Smart Pump
- ✓ Lockshield Valves

Space Saver

100% Energy Efficient

Great Performance

Zero Carbon

Virtually Silent



Our one stop shop service enables us to provide SlimJim Electric Boiler and Cylinder packages with associated controls. This service ensures that all your heating and hot water appliances carry the EHC Brand and simplifies your future warranty support.

Scan here for more information



Code	Description	Number of Bedrooms
EHCSJ7/120	SLIM JIM 7KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	1
EHCSJ10/120	SLIM JIM 10KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	1 or 2
EHCSJ10/150	SLIM JIM 10KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	1 or 2
EHCSJ10/180	SLIM JIM 10KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	2
EHCSJ12/150	SLIM JIM 12KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCSJ12/180	SLIM JIM 12KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCSJ15/180	SLIM JIM 14.4KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3/4

5 YEARS WARRANTY*

*Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website

*Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website



The SlimJim is traditionally installed by professional heating engineers in properties such as domestic dwellings, holiday homes and light commercial properties

- ✔ Outputs from 4kW to 14.4kW
- ✔ 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
- ✔ Run Dry Sensor
- ✔ No flue required
- ✔ No fumes and no risk of explosion

What's Included

- ✔ Choice of SlimJim Boiler
- ✔ Choice of Direct Unvented Stainless Steel Cylinder
- ✔ Single Channel Programmer
- ✔ Room Thermostat
- ✔ 8 Litre Robo Kit
- ✔ Auto Air Vent
- ✔ High Quality ErP Smart Pump
- ✔ Lockshield Valves
- ✔ Automatic By-Pass
- ✔ 2 Port Zone Valve (x2)
- ✔ Wiring Centre
- ✔ Dual Cylinder Thermostat

The SlimJim is ideal for wet system and underfloor heating applications

- ✔ Outputs from 4kW to 14.4kW
- ✔ 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
- ✔ Run Dry Sensor
- ✔ No flue required
- ✔ No fumes and no risk of explosion

What's Included

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



High Quality 100% Energy Efficient Great Performance Zero Carbon Virtually Silent

Scan here for more information



High Quality 100% Energy Efficient Great Performance Best Price Virtually Silent

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

The SlimJim is ideal for wet system and underfloor heating applications

Scan here for more information



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

The Astro Electric Combi Boiler offers an all-in-one electric solution for heating and Domestic Hot Water needs and are primarily suitable for small Properties that have a Shower and Hot Water outlets for sinks.

Designed to ensure remarkable energy efficiency in supplying both Heating and Domestic Hot Water whilst eliminating the need for a flue.



- ✓ Compact Design
- ✓ 100% efficient
- ✓ Supply of DHW at constant set temperature
- ✓ 3 Bar Safety Protection
- ✓ Underfloor Heating Mode: 20°C to 40°C
- ✓ Safe operation with automatic and manual air vent
- ✓ Digital Pressure Gauge
- ✓ Low System pressure warning
- ✓ Wilo Smart ErP circulation pump
- ✓ Internal RCD protection
- ✓ Fully Modulating Control System
- ✓ Limit thermostat protection
- ✓ Automatic pump run to prevent sticking
- ✓ Graphical User Friendly LCD
- ✓ Built in Programmer & compatible with 3rd Party Programmers or Smart Controls.
- ✓ Single and 3phase boilers available
- ✓ Can be installed on internal walls as there is no flue required
- ✓ Instantaneous Hot Water
- ✓ Weather Compensation
- ✓ Electronic microprocessor control system
- ✓ NTC Electronic water control system
- ✓ Advanced Diagnostics for Service Engineers
- ✓ Quiet operation
- ✓ Compatible with all Volt Free Programmers & WiFi Thermostats

The 12kW & 15Kw Fusion Astro Electric Combi Boilers are suitable for small properties that have a Shower and Hot Water outlets for sinks.

It is not recommended that they are used for properties with Baths as generally the flow rate is insufficient to fill a Bath in a suitable timescale.

Scan here for more information



- ✓ High Quality
- 100% Energy Efficient
- Great Performance
- In-built Programmer
- Weather Sensor

5 YEARS WARRANTY*

12 *Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website

In the event that there is a Bath in the property EHC recommends the use of our Boiler & Hot Water Cylinder Packages.

If 3 Phase Electricity is available our 24 & 30kW Astro Boilers would have sufficient flow rates to fill a Bath in a suitable timescale.



Installation Compliance Pack Available
See page 20

Boiler 5 year guarantee
*T&C's Apply



5 YEARS WARRANTY*

*Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website



Electricity consumption of the Mercury Boiler is 100% efficient with Zero carbon emissions.

With no flue requirements, the Boiler rapidly & efficiently provides Heating and Domestic Hot Water.

Scan here for more information



- ✓ Bare wire system - no limescale on the DHW elements
- ✓ Instant Hot Water for Washing & Showering
- ✓ Eco friendly with Weather Compensation
- ✓ NTC Temperature control system
- ✓ Large digital screen
- ✓ Quiet operation
- ✓ Compatible with all Volt Free Programmers & WiFi Thermostats
- ✓ Automatic element Power Modulation with soft start
- ✓ Compact Design
- ✓ 100% efficient
- ✓ Supply of DHW at constant set temperature
- ✓ Rapid Heat Up Times
- ✓ 3 Bar Safety Protection
- ✓ Underfloor Heating Mode
- ✓ Adjustable Central Heating Power Output
- ✓ Integral automatic air vent
- ✓ Low System pressure warning
- ✓ Grundfos ErP circulation pump
- ✓ Comprehensive Diagnostics
- ✓ Enhance HW flow due to bare wire technology
- ✓ Compatible with all Volt Free external controls
- ✓ High Temperature Thermal Cut-Out
- ✓ Automatic pump run to prevent seizure
- ✓ Single and 3 phase boilers available
- ✓ Can be installed on internal walls as there is no flue required
- ✓ Optional Installation Compliance Pack

451mm

690mm

258mm

Weight 25kg

Accessories & Compliance Pack Available
See page 20



5 YEARS WARRANTY*

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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 an in-built easy to use fully programmable time & temperature to provide full control of both the Central Heating and Domestic Hot Water.

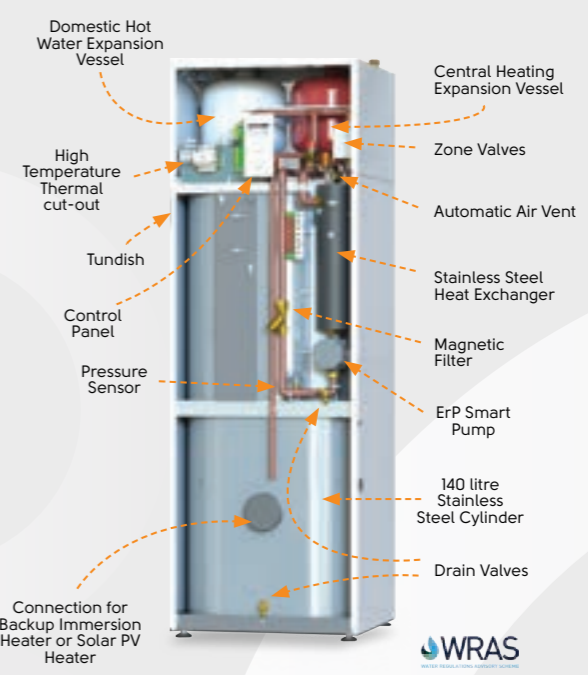
- ✓ Available in 9kW, 12kW & 14.4kW outputs
- ✓ Soft Start Fully Modulating elements
- ✓ Stainless Steel Heat Exchanger with Automatic Air Vent
- ✓ High Temperature Thermal Cut-Out
- ✓ Digital Pressure Gauge
- ✓ In Built Weather Compensation
- ✓ Graphical Display
- ✓ Integral system diagnostics
- ✓ 100% Efficient
- ✓ Inbuilt Time & Temperature Programmer
- ✓ Anti Legionella Tank Cleansing Feature
- ✓ Weather Compensation
- ✓ Optional Back-up/Solar PV Titanium DHW Element
- ✓ Grundfos ERP Smart Pump
- ✓ Compatible with 3rd party controls & smart stats for central heating
- ✓ Supplied with indoor temperature sensor and outdoor temperature sensor

580mm

Combination Unit

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.

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.



Weight 107kg

1745mm

630mm

5 YEARS WARRANTY*

*Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website

Scan here for more information



The perfect solution for a wet central heating system in light commercial properties, hotels, guest houses and large properties with 3 Phase electricity.

For larger output requirements, these boilers can be combined on a low loss header to increase the overall output which gives endless install solutions.

The easy-to-use control panel provides operating temperatures for flow and return, system flow rate and kW output information and enables the installer to utilise the inbuilt self-diagnostic feature during installation or routine maintenance.

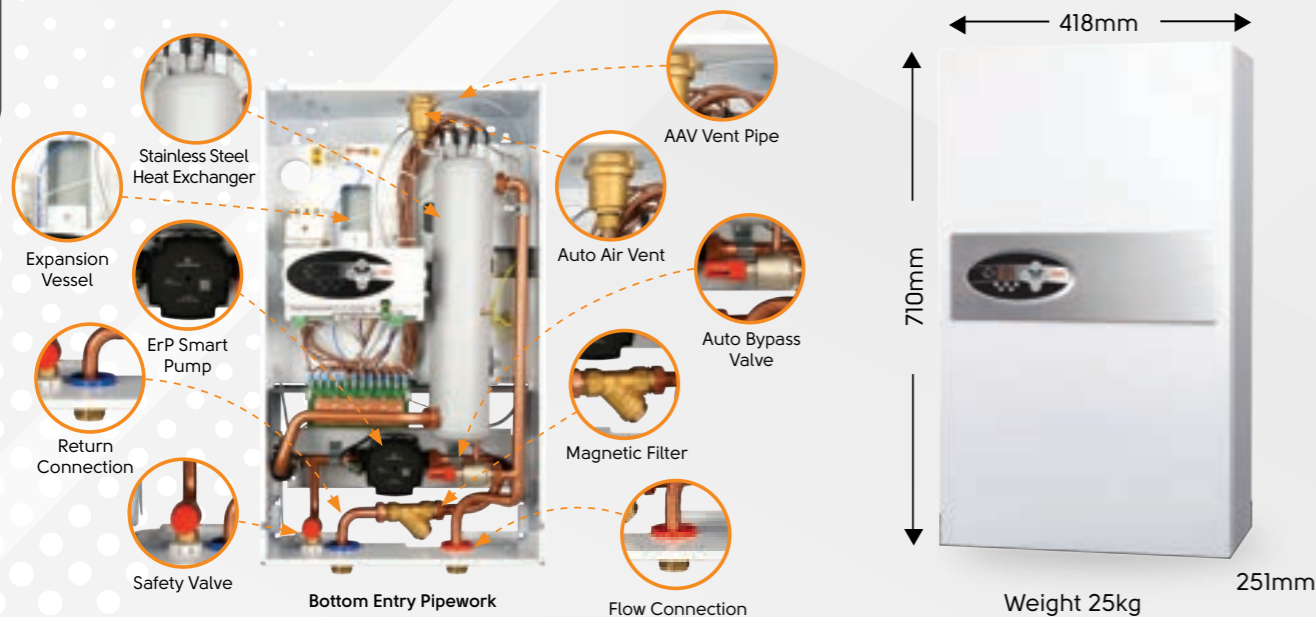
**Boiler
5 year
guarantee
*T&C's Apply**

Boiler Features

- ✓ 6 Litre integral expansion vessel
- ✓ Virtually silent in operation
- ✓ Suitable for central heating only or central heating & hot water
- ✓ Can be used for underfloor heating, Radiators or Fan Coils
- ✓ 100% efficient
- ✓ Stainless Steel Heat Exchanger
- ✓ 5 Year Guarantee*
- ✓ Soft Start Fully Modulating Elements
- ✓ Grundfos ERP Pump

Electronic Features

- ✓ Volt-free Control Connections
- ✓ Easy-Fit Connectors & Sensors
- ✓ In-Built Fault Finding Diagnostics
- ✓ High Temperature Thermal Cut-Out
- ✓ Vortex Flow sensor
- ✓ NTC Temperature Sensors
- ✓ Digital Pressure Gauge



To ensure maximum efficiency the 39kW Fusion Comet incorporates six a stage heat exchanger. This unique facility will modulate the boiler to reduce electricity consumption and running costs during times of lower system demand.

The operating temperature of the boiler can be adjusted from 20°C through to a maximum of 85°C.

5 YEARS WARRANTY*

The perfect solution for a wet central heating system in light commercial properties, hotels, guest houses and large properties with 3 Phase electricity.

For larger output requirements, these boilers can be combined on a low loss header to increase the overall output which gives endless install solutions.

Fusion 48kW Electric Boilers can be installed in any property type with 3-Phase Electricity to offer an effective and efficient heating solution using conventional wet system radiators or Underfloor Heating. This fully modulating, powerful Electric Boiler has been engineered to include insulated

duplex Stainless Steel Heat Exchangers, Twin Auto Air Vents, Grundfos UPMS pump, Pressure Gauge, Flow & Return NTC Temperature Sensors and Dual High Temperature Safety Cut-Outs.

The operating temperature of the Boiler can be adjusted from 40°C through to a maximum 85°C.

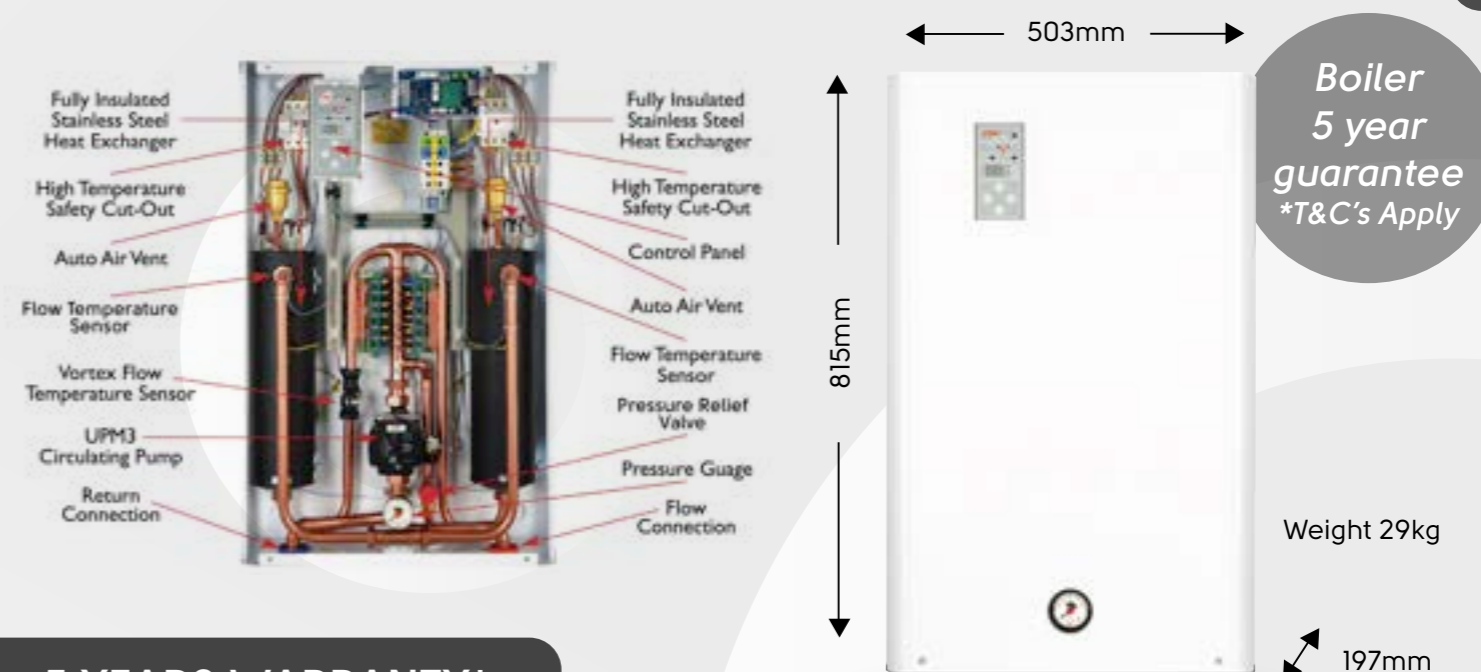
The easy-to-use control panel provides operating temperatures for flow and return, system flow rate and kW output information and enables the installer to utilise the inbuilt self-diagnostic feature during installation or routine maintenance.

Boiler Features

- ✓ Virtually silent in operation
- ✓ Suitable for central heating only or central heating & hot water
- ✓ Can be used for underfloor heating, Radiators or Fan Coils
- ✓ 100% efficient
- ✓ Stainless Steel Heat Exchanger
- ✓ 5 Year Guarantee*
- ✓ Soft Start Fully Modulating Elements
- ✓ Grundfos ERP Pump

Electronic Features

- ✓ Volt-free Control Connections
- ✓ Easy-Fit Connectors & Sensors
- ✓ In-Built Fault Finding Diagnostics
- ✓ Dual High Temperature Thermal Cut-Out
- ✓ Vortex Flow sensor
- ✓ NTC Temperature Sensors
- ✓ Pressure Gauge



**Boiler
5 year
guarantee
*T&C's Apply**

5 YEARS WARRANTY*

The Voltius Electric Boiler range is available in three high capacity outputs to serve larger commercial installations like offices, hotels and Schools.

The Voltius Electric Boiler is available in 60kW, 80kW and 100kW outputs. For larger output requirements, these boilers can be combined on a low loss header to increase the overall output which gives endless install solutions.

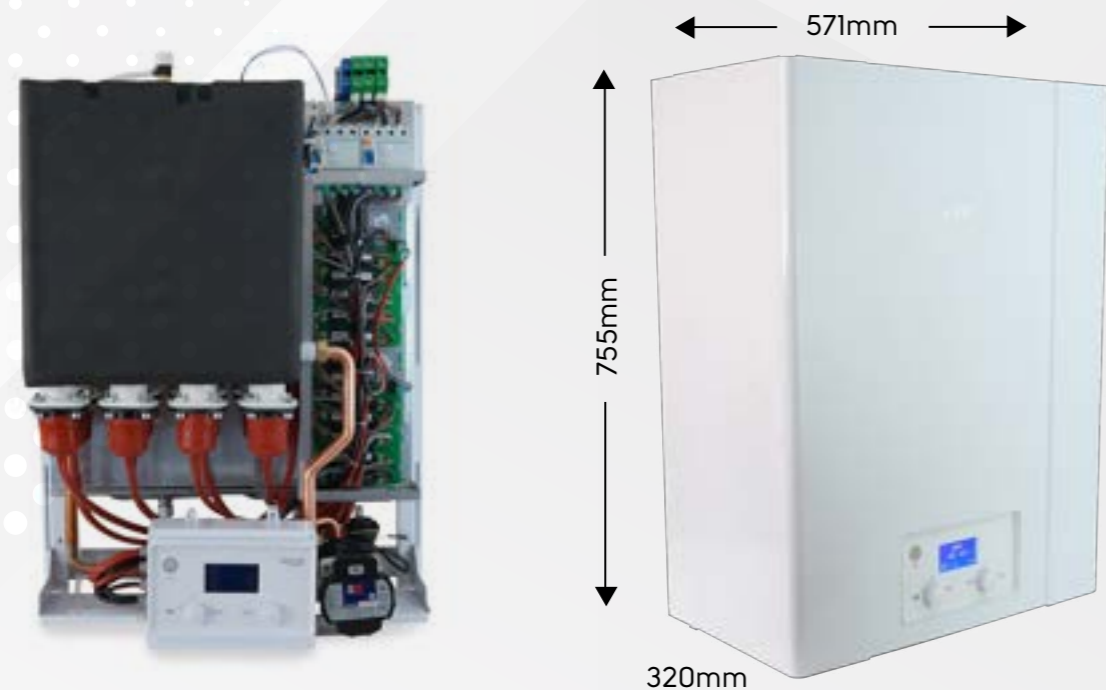
Voltius Boilers can be installed in any property type with 3-Phase Electricity to offer an effective and efficient heating solution using conventional wet system radiators or Underfloor Heating. The operating temperature of the Boiler can be adjusted from 30 degrees through to a maximum of 80 degrees.

Boiler Features

- ✔ Virtually silent in operation
- ✔ Can be used for underfloor heating, Radiators or Fan Coils
- ✔ 99% efficient
- ✔ 5 Year Guarantee*
- ✔ Soft Start Fully Modulating Elements
- ✔ ERP Circulation Pump with pump protection
- ✔ Weather Compensation
- ✔ Underfloor Heating Mode
- ✔ Adjustable Output Capacity
- ✔ Automatic Frost Protection

Electronic Features

- ✔ Volt-free Control Connections
- ✔ In-Built Fault Finding Diagnostics
- ✔ Dual High Temperature Thermal Cut-Outs
- ✔ Digital Water Pressure Sensor
- ✔ NTC Temperature Sensors
- ✔ Large easy to use LCD screen with microprocessor



5 YEARS WARRANTY*

100kW - 52.5KG 100kW - 58.1KG 100kW - 60.5KG

*Our 5 Year Warranty is offered on Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website

The Portable & Compact Temporary Heating Solution.

Our portable electric boilers can be adjusted between 20°C - 85°C flow temperature offering incredible convenience and mobility, making them a favoured option for construction sites.

Often utilised for temporary heating, they are also the go-to solution for accelerating the screed drying process. Despite their compact dimensions, these mobile electric boilers are equally effective for light commercial uses, such as in sports halls, retail spaces, garages, and schools.

Boiler Features

- ✔ Zero Carbon
- ✔ Energy Monitoring
- ✔ Weather Compensation
- ✔ Adjustable Flow Temperature: 20°C - 85°C
- ✔ Smart Boiler Control Via App**
- ✔ Available in 5 outputs. Comet PV can be adjusted on-site to achieve optimal performance

Supplied With

- ✔ Air Temperature Sensor
- ✔ 2x Flexi Hoses
- ✔ Plug & Power Cable

Scan here for more information



Ideal for Screed Curing

Our Best Selling POWERHOUSE BOILERS are now available as a Mobile Option:

- ✔ Model 1: 2 - 8kW (230v) Comet PV
- ✔ Model 2: 7 - 14.4kW (240v) Comet PV
- ✔ Model 3: 12 - 24kW (400v) Comet PV
- ✔ Model 4: 14.4kW (240v) Mercury Combi
- ✔ Model 5: 26kW (400v) Mercury Combi

2 YEARS WARRANTY*

*Our 2 Year **PARTS ONLY** Warranty is offered on Mobile Boilers which are registered within 60 Days of purchase. For full Warranty T&C's please visit our website



Mobile Boiler



Mercury Compliance Pack

- ✓ 1x Single Channel Programmer
- ✓ 1x Wireless Room Thermostat
- ✓ 1x Filling Loop
- ✓ 1x Flow Restrictor (5L=12kw, 6L=14kw, 8L=19kw, 12L=26kw)
- ✓ 1x MagnaClean Pro 2 Filter
- ✓ 1x Adey MCI+ Inhibitor
- ✓ 1x Adey MC3 System Cleaner



Astro Compliance Pack

- ✓ 1x Single Channel Programmer
- ✓ 1x Wireless Room Thermostat
- ✓ 1x Filling Loop
- ✓ 1x Flow Restrictor (5L=12kw, 6L=14kw, 8L=19kw, 12L=26kw)
- ✓ 1x MagnaClean Pro 2 Filter
- ✓ 1x Adey MCI+ Inhibitor
- ✓ 1x Adey MC3 System Cleaner
- ✓ 1x Valve Set



Comet Combi Compliance Pack

- ✓ 1x Wireless Room Thermostat
- ✓ 1x Filling Loop
- ✓ 1x MagnaClean Pro 2 Filter
- ✓ 1x Adey MCI+ Inhibitor
- ✓ 1x Adey MC3 System Cleaner



Mag Pack

- ✓ 1x MagnaClean Pro 2 Filter
- ✓ 1x Adey MCI+ Inhibitor
- ✓ 1x Adey MC3 System Cleaner



Slimjim Boiler Pack 1

- ✓ 1x Single Channel Programmer
- ✓ 1x Room Thermostat
- ✓ 1x 8 Litre Robo Kit
- ✓ 1x Auto Air Vent
- ✓ 1x High Quality Grundfos ErP Pump
- ✓ 2x Lockshield Pump Valve



Astro Valve Set

- ✓ 2x 3/4" Straight Swivel Valve
- ✓ 2x 1/2" Straight Swivel Valve



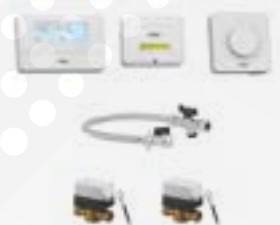
Slimjim Boiler Pack 2

- ✓ 1x Twin Channel Programmer
- ✓ 1x Room Thermostat
- ✓ 1x 8 Litre Robo Kit
- ✓ 1x Auto Air Vent
- ✓ 1x High Quality Grundfos ErP Pump
- ✓ 1x Lockshield Pump Valves
- ✓ 1x Automatic By-pass
- ✓ 2x 2 Port Zone Valve
- ✓ 1x wiring centre



Single Channel Heat Pack

- ✓ 1x Single Channel Programmer
- ✓ 1x Room Thermostat
- ✓ 1x Filling Loop
- ✓ 1x MagnaClean Pro 2 Filter
- ✓ 1x Adey MCI+ Inhibitor
- ✓ 1x Adey MC3 System Cleaner



Twin Channel Heat Pack

- ✓ 1x Twin Channel Programmer
- ✓ 1x Room Thermostat
- ✓ 1x Wiring Centre
- ✓ 2x 22mm 2 Port Zone Valve
- ✓ 1x Filling Loop



Three Channel Heat Pack

- ✓ 1x Three Channel Programmer
- ✓ 2x Room Thermostat
- ✓ 1x Wiring Centre
- ✓ 3x 22mm 2 Port Zone Valve
- ✓ 1x Filling Loop

EC10001 - Single Channel Programmer



- ✓ Selection of Modes: 24 Hours, 5/2 Day & 7 Day
- ✓ 2 or 3 ON/OFF Selector
- ✓ Preset program settings
- ✓ Standard Back Plate
- ✓ Suitable for Wired Installations or used in conjunction with EC10015 RF Thermostat.

EC10002 - Twin Channel Programmer



- ✓ Selection of Modes: 24 Hours, 5/2 Day & 7 Day
- ✓ 2 or 3 ON/OFF Selector
- ✓ Preset program settings
- ✓ Standard Back Plate
- ✓ Suitable for Wired Installations or used in conjunction with EC10015 RF Thermostat.

EC10003 - Three Channel Programmer



- ✓ Selection of Modes: 24 Hours, 5/2 Day & 7 Day
- ✓ 2 or 3 ON/OFF Selector
- ✓ Preset Program Settings
- ✓ Standard Back Plate
- ✓ Suitable for Wired Installations or used in conjunction with EC10015 RF Thermostat.



EC10012 - Room Thermostat

- ✓ Hard Wired
- ✓ Diaphragm Temperature Sensor
- ✓ Ideal for Surface or Pattress Box mounting
- ✓ 10°C- 30°C Set Point



EC10015 - EHC Wireless Room Thermostat

- ✓ Wireless Communication
- ✓ 230V or Volt Free Switching capability
- ✓ Ideal for Surface Mounting or Free Standing
- ✓ 5°C - 35°C Set Point
- ✓ Simple Control Dial with sizeable Digital Screen
- ✓ Quick easy installation



Volt-Free Relay Conversion

Required when external controls are wired as 230v Switch Live, this device allows safe switching of the boiler Volt-free terminals



ESFS15C - Shower Flow Sensor

- ✓ 15mm Compression Fittings
- ✓ Auto Shutdown of the Boiler when the Shower is running
- ✓ Normally open & normally closed connections supplied

New Controls for 2024



Direct Unvented

25 Year Warranty

The following fittings are supplied with our Direct Cylinders:

- ✓ Inlet Control Set
- ✓ 2 x 3kW Immersion Heaters
- ✓ Temperature & Pressure Relief Valve
- ✓ 15mm / 22mm Tundish
- ✓ Installation & Maintenance
- ✓ Instructions
- ✓ Expansion Vessel c/w Wall Mounting Bracket
- ✓ Benchmark Logbook

Model No.	CAPACITY (Litres)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (Kg-EMPTY)	WEIGHT (Kg-FULL)	RATING
NIND125L	120	933	550	25	149	B
NIND150L	150	1120	550	30	185	C
NIND180L	180	1308	550	33	218	C
NIND210L	210	1496	550	37	253	C
NIND250L	250	1746	550	40	296	C



25 Year Warranty

Indirect Unvented

The following fittings are supplied with our Indirect Cylinders:

- ✓ Inlet Control Set
- ✓ 2 x 3kW Immersion Heaters - On Cylinders 250L & Greater
- ✓ Temperature & Pressure Relief Valve
- ✓ Two Port Zone Valve
- ✓ 15mm / 22mm Tundish
- ✓ Dual Thermostat
- ✓ Expansion Vessel c/w Wall Mounting Bracket
- ✓ Installation & Maintenance Instructions
- ✓ 1 x 3kW Immersion Heater - On Cylinders 210L & Smaller
- ✓ Benchmark Logbook

Model No.	CAPACITY (Litres)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (Kg-EMPTY)	WEIGHT (Kg-FULL)	RATING
NIND125L	120	933	550	25	149	B
NIND150L	150	1120	550	30	185	C
NIND180L	180	1308	550	33	218	C
NIND210L	210	1496	550	37	253	C
NIND250L	250	1746	550	40	296	C



Note: Slimline Direct & Indirect models available (478mm in Diameter)

ehc CometPV Specifications

Model 1 - EHCEPV8KW	kW	2	4	6	8
Rated Power	kW	2	4	6	8
Capacity	BTU	6824	13648	20472	27297
Rated Voltage	230V 1N~				
Rated Current	Amps	8.7	17.4	26.1	34.8
Minimum power supply cable cross-section**	mm ²	2.5		4	6
Circuit Protective Device	Amps	16	20	32	40
Model 2 - EHCEPV14.4KW	kW	7.2	9.6	12	14.4
Rated Power	kW	7.2	9.6	12	14.4
Capacity	BTU	24567	32756	40945	49134
Rated Voltage	240V 1N~				
Rated Current	Amps	30	40	50	60
Minimum power supply cable cross-section**	mm ²	4	6	10	
Circuit Protective Device	Amps	40	50	63	63
Model 3 - EHCEPV24KW	kW	12	16	20	24
Rated Power	kW	12	16	20	24
Capacity	BTU	40945	54594	68242	81891
Rated Voltage	400V 3N~				
Rated Current	Amps	17.4	23.1	28.8	34.6
Minimum power supply cable cross-section**	mm ²	5x2.5		5x4	5x6
Circuit Protective Device	Amps	20	32	32	40

CometPV Direct Cylinder

Code	Description	Number of Bedrooms
EHCEPV8/120	COMET PV 8KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	1 or 2
EHCEPV8/150	COMET PV 8KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	2
EHCEPV8/180	COMET PV 8KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/120	COMET PV 14.4KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/150	COMET PV 14.4KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	3 or 4
EHCEPV14.4/180	COMET PV 14.4KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/210	COMET PV 14.4KW/210L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCEPV14.4/250	COMET PV 14.4KW/250L ELECTRIC BOILER c/w DIRECT CYLINDER	3 or 4

CometPV Indirect Cylinder

Code	Description	Number of Bedrooms
EHCEPV8/120IND	COMET PV 8KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	1 or 2
EHCEPV8/150IND	COMET PV 8KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	2
EHCEPV8/180IND	COMET PV 8KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/120IND	COMET PV 14.4KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/150IND	COMET PV 14.4KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/180IND	COMET PV 14.4KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/210IND	COMET PV 14.4KW/210L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/250IND	COMET PV 14.4KW/250L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4

CometPV Pre-Plumb Cylinder

Code	Description	Number of Bedrooms
EHCEPV8/120PPC	COMET PV 8KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	1 or 2
EHCEPV8/150PPC	COMET PV 8KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	2
EHCEPV8/180PPC	COMET PV 8KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/120PPC	COMET PV 14.4KW/120L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/150PPC	COMET PV 14.4KW/150L ELECTRIC BOILER c/w INDIRECT CYLINDER	3
EHCEPV14.4/180PPC	COMET PV 14.4KW/180L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/210PPC	COMET PV 14.4KW/210L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4
EHCEPV14.4/250PPC	COMET PV 14.4KW/250L ELECTRIC BOILER c/w INDIRECT CYLINDER	3 or 4

ehc SlimJim Specifications

Boiler Range	kW	4kW	7kW	10kW	12kW	14.4kW
Pipe entry boiler - flow				Top		
Pipe entry boiler - return				Bottom		
Central heating flow & return pipes	mm			22		
Max Pressure	Bar			3		
Min Pressure	Bar			0.5		
Min/Max Temp Settings	°C			30/80		
Overheat Protection	°C			100		
Safety class				IP22		
Electrical Supply	VAC			240V 1ph 50Hz		
Load current	Amp	17	29	42	50	60
Min. power supply cable cross-section**	mm	6	10	10	10	10
Heating output	Btu	13648	23884	34121	40945	49134
Protection	Amp	20	40	50	63	63
Erp Rating				D		
Dry Weight	Kgs			11		

SlimJim Direct Cylinder

Code	Description	Number of Bedrooms
EHCSJ7/120	SLIM JIM 7KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	1
EHCSJ10/120	SLIM JIM 10KW/120L ELECTRIC BOILER c/w DIRECT CYLINDER	1 or 2
EHCSJ10/150	SLIM JIM 10KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	1 or 2
EHCSJ10/180	SLIM JIM 10KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	2
EHCSJ12/150	SLIM JIM 12KW/150L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCSJ12/180	SLIM JIM 12KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3
EHCSJ15/180	SLIM JIM 14.4KW/180L ELECTRIC BOILER c/w DIRECT CYLINDER	3/4

SlimJim Indirect Cylinder

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

SlimJim Pre-Plumb Cylinder

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

ehc Astro Combi Specifications

Capacity

Supply Type	1Ph	1Ph	3Ph	3Ph	
Heating power	kW	12kW	15kW	24kW	30kW
Capacity	BTU	40945	51182	81891	102364
Maximum Working Pressure (Heating)	Bar	3	3	3	3
Maximum Working Pressure (DWH)	Bar	6	6	6	6
Heating Circuit Temperature Range	°C	30-80	30-80	30-80	30-80
Hot Water Temperature Range	°C	30-60	30-60	30-60	30-60
Hot Water Output (ΔT= 30°C)	L/min	5	6	11	13

Dimensions

Height	mm	650	650	650	650
Width	mm	440	440	440	440
Depth	mm	274	274	274	274
Net Weight	Kg	38	38	38	38
Weight	Kg	42	42	42	42


Electrical

Min. power supply cable cross-section**	mm ²	10	16	5x6	5x10
RCD Specification	A/mA	63/30	80/30	40/30	63/30
Circuit Protective Device	Amps	63	80	40	63
Voltage/Frequency	V~Hz	230/50	230/50	400/50	400/50
Load Current	Amps	53	65	35	43
Element Resistance	ohms	13	32	20	16

Hydraulic

Heating Circuit Pipe Connections	inch	3/4"	3/4"	3/4"	3/4"
DHW Pipe Connections	inch	1/2"	1/2"	1/2"	1/2"

**Note: Stated cable sizes are the minimum permitted for this appliance. The required cable size for the installation should be calculated by a qualified electrician based on a cable calculation in line with BS7671 Wiring Regulations considering the cable type selected and the installation method used.

				
Astro 12kW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Astro 14.4kW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Astro 18kW ^{3Phase}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Astro 24kW ^{3Phase}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Capacity

Supply Type		1Ph	1Ph	3Ph	3Ph
Heating power	kW	12	14.4	19	26
Capacity	BTU	40945	49161	64830	88715
Maximum Working Pressure (Heating)	Bar	3	3	3	3
Maximum Working Pressure (DWH)	Bar	6	6	6	6
Heating Circuit Temperature Range	°C	20-85	20-85	20-85	20-85
Hot Water Temperature Range	°C	30-60	30-60	30-60	30-60
Hot Water Output (ΔT= 30°C)	L/min	5.8	6.9	9	12

Dimensions

Height	mm	690	690	690	690
Width	mm	451	451	451	451
Depth	mm	258	258	258	258
Net Weight	Kg	26	26	26	26
ERP Rating (Heating)		D	D	D	D
ERP Rating (Hot Water)		A	A	A	A

Electrical

Minimum power supply cable cross-section**	mm²	10	10	5x4	5x6
Circuit Protective Device	Amps	63	63	32	40
Voltage/Frequency	V~Hz	240/50	240/50	415/50	415/50
Load Current	Amps	52	60	27	35

Hydraulic

Heating Circuit Pipe Connections	mm	22	22	22	22
DHW Pipe Connections	mm	15	15	15	15

**Note; Stated cable sizes are the minimum permitted for this appliance. The required cable size for the installation should be calculated by a qualified electrician based on a cable calculation in line with BS7671 Wiring Regulations considering the cable type selected and the installation method used.

Electric Boiler

		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

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		95°C/6Bar TP 152 - 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	106.8		
Weight	kg	246		
Dimensions	mm	1745(h) x 580(w) x 630(d)		
Cylinder ERP		C		

**Note; Stated cable sizes are the minimum permitted for this appliance. The required cable size for the installation should be calculated by a qualified electrician based on a cable calculation in line with BS7671 Wiring Regulations considering the cable type selected and the installation method used.

ehc Fusion Comet 3Phase 48kW Electric Boiler Specifications

Max. pressure	Bar	3
Min. pressure	Bar	0.5
Min/Max Water Temperature	°C	40 ÷ 85
Over Heat Protection	°C	100
Overall dimensions	mm	815x503x197
Weight	kg	29
Pipe connections	mm	28
Safety class		IP21
Rated power consumption	kW	48
Capacity	BTU	163782
Rated voltage		415V 3ph 50Hz
Rated current	A	69
Fuse rated current	A	80
Min. connecting wires section	mm²	5x16
Max. connecting wires section	mm²	5x50
The maximum allowed network impedance	Ω	0.03

ehc Fusion Comet 3Phase 39kW Electric Boiler Specifications

Heating Power	kW	39kW
Capacity	Btu	133073
Flow & Return Pipes	mm	22
Min/Max Water Pressure	Bar	0.5/3.0
Expansion Vessel	Ltrs	6
Heat Exchanger		Copper
Dry Weight	Kgs	25
Min/Max Temp Settings	°C	20/85
Overheat Protection	°C	100
Pump Included		Yes
Recommended Pump Settings		Factory set to Max (adjustable)
Electricity Supply	V	415V 3ph 50Hz
Load/Current	Amp	54
Minimum power supply cable cross-section**	mm²	5x10
Protection	Amp	63
ERP Rating		D

**Note; Stated cable sizes are the minimum permitted for this appliance. The required cable size for the installation should be calculated by a qualified electrician based on a cable calculation in line with BS7671 Wiring Regulations considering the cable type selected and the installation method used.

ehc Voltius Electric Boiler Specifications

Heating Power	kW	60	80	100
Capacity	BTU	204728	272971	341214
Max Working Pressure	bar	3	3	3
Heating Temperature Range	°C	30 - 80	30 - 80	30 - 80
Overall dimensions	mm	755x571x320	755x571x321	755x571x320
Minimum power supply cable cross-section**	mm²	16	25	35
Supply Voltage / Frequency	V - Hz	400/50	400/50	400/50
Current	Amps	87	115	144
Circuit Protection	Amps	100	125	160
Electrical Isolation Degree	IP	X4D	X4D	X4D
Pipe Connections	inch	1"	1"	1"
Weight	Kg	52.5	58.1	60.5
ERP		D	D	D

The Voltius Electric Boiler range is available in three high capacity outputs to serve larger commercial installations like offices, hotels and Schools.

Scan here for more information



ehc Mobile Electric Boiler Specifications

		Mercury		Comet PV		
		1Ph	3Ph	1Ph	1Ph	3Ph
Supply Type						
Heating power	kW	14.4	26	8	14.4	24
Maximum Working Pressure (Heating)	Bar	3	3	3	3	3
Maximum Working Pressure (DWH)	Bar	6	6	-	-	-
Heating Circuit Temperature Range	°C	20-85	20-85	20-86	20-87	20-88
Hot Water Temperature Range	°C	30-60	30-60	-	-	-
Hot Water Output (ΔT= 30°C)	L/min	6.9	12	-	-	-
Minimum power supply cable cross-section**	mm²	10	5x6	6	10	5x6
Circuit Protective Device	Amps	63	40	40	63	40
Voltage/Frequency	V~Hz	240/50	415/50	240/50	240/51	415/50
Load Current	Amps	60	35	34.8	60	34.6
63A Commando Plug Type		2 Pin + E	4 Pin + E	2 Pin + E	2 Pin + E	4 Pin + E

Our portable electric boilers can be adjusted between 20°C - 85°C flow temperature offering incredible convenience and mobility, making them a favoured option for construction sites.

Scan here for more information



Direct Cylinder

Model No.	CAPACITY (Litres)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (Kg-EMPTY)	WEIGHT (Kg-FULL)	RATING
NDIR125L	120	933	550	25	149	B
NDIR150L	150	1120	550	30	185	C
NDIR180L	180	1308	550	33	218	C
NDIR210L	210	1496	550	37	253	C
NDIR250L	250	1746	550	40	296	C

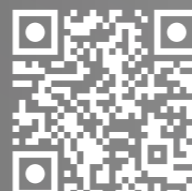
Indirect Cylinder

Model No.	CAPACITY (Litres)	HEIGHT (mm)	DIAMETER (mm)	WEIGHT (Kg-EMPTY)	WEIGHT (Kg-FULL)	RATING
NIND125L	120	933	550	25	149	B
NIND150L	150	1120	550	30	185	C
NIND180L	180	1308	550	33	218	C
NIND210L	210	1496	550	37	253	C
NIND250L	250	1746	550	40	296	C



Designed with quality and performance in mind, ranging from 120 to 300 litres capacity.

Scan here for more information



Total Care Package available for Larger Projects / HA / Council

Social Housing Clients

As part of our committed service to all our Social Housing clients we believe that a responsible approach should be taken to ensure that the incoming mains to a property has the capacity to operate the relevant products.

Additionally we also discuss relevant electricity Tariffs which leads to reduced Whole House Electricity costs on behalf of their Tenants.

Due to the number of Electricity Suppliers throughout the UK and the diverse nature of the various Tariffs offered by them, choosing the correct option can often be confusing which is why The Electric Heating Company has developed our unique Total Care Package.

This comprehensive package includes the following:

We offer direct assistance to tenants for radiator issues. The social landlord can forward any queries to us, and we handle them entirely, ensuring satisfaction for both tenants and landlords through clear communication.

We will provide specification services, sizing, and placement guidance for radiators to best suit the property.

Advising the client of any additional work required to upgrade the Mains supply

Discuss relevant Electricity Tariff rates depending on area

Providing Energy Consumption indications

Discussing Change of Electricity Provider and required Meter

Discussing payment methods: Payment Card, Direct Debit, Quarterly Billing, pre-payment

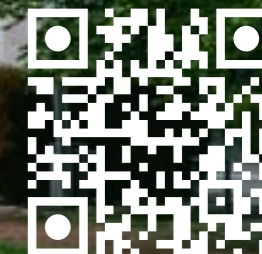
Providing training & education to all Tenants to ensure the heating system and Controls are operated in an efficient manner

We also offer a monthly cost monitoring facility for Whole House Electricity costs. This includes a full reporting service if required.

So, in summary, we

- ✓ Provide guidance & preparation prior to property load check.
- ✓ Liaising with relevant Electricity Supplier responsible for the Load Check
- ✓ Advising the client of any additional work required to upgrade the Mains supply
- ✓ Supply of Electricity Tariff rates and relevant off-peak times depending on area
- ✓ Providing Running Cost indications
- ✓ Discussing Change of Electricity Provider and required Meter
- ✓ Discussing payment methods: Payment Card, Direct Debit, Quarterly Billing, pre-payment
- ✓ Providing training & education to all Tenants to ensure the heating system and Controls are operated in an efficient manner

Scan here for more information



ehc

the electric heating company

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