



No.1 Choice  
Electric Boiler  
Collection

***ehc***  
the electric heating company



# Leaders in the electric heating and hot water industry

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

From the comprehensive Comet Electric System 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.

We can supply a choice of Boiler Packs and our Electric Combination Boiler 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.



# 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 install the Boiler 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 incoming electrical supply is sufficient for the Boiler Output
- To accommodate "Off-Peak" electricity tariffs it is recommended that a Programmer with a facility for 3 On/Off periods is installed
- Electric Boilers are suitable for both 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 require no mandatory annual maintenance
- Electric Boilers have no flue requirements
- EHC offer 3-Phase Electric Boilers that are suitable for light commercial purposes such as; offices, factory units, pubs, etc.



# The Electric Boiler Specialists

- ★ Installation is quicker than a gas system
- ★ The wiring of an Electric Boiler is the same as an Electric Shower
- ★ Electric Boilers can be used for Open Vented Systems
- ★ Can be used as back-up for Heat Pumps
- ★ Standard radiators and valves can be used with Electric Boilers
- ★ EHC Electric Boilers have a soft start to avoid power surges
- ★ Electric Boilers are almost silent when operating
- ★ Electric Boilers emit no noxious fumes or gases
- ★ Can be used with underfloor heating systems
- ★ EHC only use and recommend High Efficiency ErP Smart Pumps



# Fusion Comet Electric Boiler

## Direct Cylinder Packages

*The Fusion Comet Electric Boiler is a sleek modern fully controllable system Boiler*



**High**  
Quality



**Energy**  
Efficient



**Great**  
Performance



**Virtually**  
Silent



**Best**  
Price

- ✔ Outputs from 9kW 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



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*Our one stop shop service enables us to provide Comet 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*

Code	Description	Number of Bedrooms
EHCCOM9/150	9kw Boiler / 150l Cylinder	1 or 2
EHCCOM9/180	9kw Boiler / 180l Cylinder	2
EHCCOM12/150	12kw Boiler / 150l Cylinder	3
EHCCOM12/180	12kw Boiler / 180l Cylinder	3
EHCCOM12/210	12kw Boiler / 210l Cylinder	3 or 4
EHCCOM15/150	14.4kw Boiler / 150l Cylinder	3
EHCCOM15/180	14.4kw Boiler / 180l Cylinder	3
EHCCOM15/210	14.4kw Boiler / 210l Cylinder	3 or 4

#### What's Included

- ✔ Choice of Comet Boiler 2 Year Warranty
- ✔ Choice of Direct Unvented Stainless Steel Cylinder 25 Year Warranty
- ✔ Single Channel Programmer 2 Year Warranty
- ✔ Room Thermostat 2 Year Warranty
- ✔ Supreme Saver Hot Water Programmer 2 Year Warranty



# Accessories & Controls

**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





### EC10011 - Twin Channel Heatpack

- ✔ Twin Channel Heatpack
- ✔ Room Thermostat
- ✔ Cylinder Thermostat
- ✔ Wiring Centre
- ✔ 2 x 2 Port Zone Valves

### EC10006 - Grundfox UPM3 or Wilo Pump

- ✔ High Efficiency ErP Compliant.
- ✔ Speed-controlled, high-efficiency Pump fitted with electronically commutated motor (ECM)
- ✔ Uses 85% less Electricity compared to standard Pumps



### EC10007 - Pump Valve

- ✔ 22mm Compression lockshield Valve
- ✔ Supplied with Pump Washer



### EC10005 - Auto Air Vent

- ✔ 15mm Compression
- ✔ Suitable for Vented & Sealed Systems



### M0235 - Magnetic Filter

- ✔ In-line Filter with Strainer and Magnetic stack
- ✔ 3/4" BSP connections



### ESFS15C - Shower Flow Sensor

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



# Stainless Steel Cylinders

*Direct Unvented*

25 Year Warranty

The following fittings are supplied with our Direct Cylinders:

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

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



# *ehc*

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