

FLEX **ELECTRIC BOILERS**

**Flexible heating for
a renewable future**

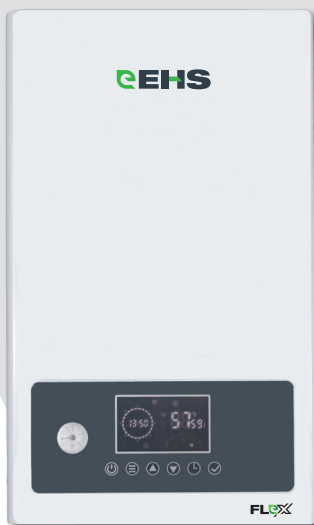


**Future-Ready
Heating Solutions**

The electric boiler family with range rated flexibility built in

The EHS **FLEX** Boiler range is a versatile collection of electric boilers designed to give you a **smarter, simpler way to heat homes — without gas**. Named for its range-rated flexibility, every model in the Flex range allows you to adjust the output to match the specific heating requirements of the property. That means no more over-sizing, no wasted energy, and a more efficient install every time.

From compact Combi boilers for flats, to powerful System boilers for multi-bathroom homes, and the intelligent Flex+ for caravans and limited-supply set-ups, the range covers it all. Each model is pre-wired, flue-free, and compatible with smart controls, making installation quick, clean, and future-ready. Whether you're retrofitting or starting from scratch, the Flex range gives you the control and compatibility you need.



Standard Warranty

Terms and conditions apply



Add 2 more years

when you use the EHS combi installation kit
(See p6)



Why choose **FLEX**

These are the key features and benefits that make the Flex range a smart, time-saving choice for installers. From straightforward installation to minimal maintenance and maximum compatibility, every detail is designed to make your job easier — and your customers happier.

Eco credentials

- 100% efficient
- No direct CO2 emissions
- Compatible with solar pv & air source heat pumps
- Aligns with 2025 and 2050 UK net-zero goals
- Near silent in operation
- Carbon free home heating if used in conjunction with 100% renewable energy tariff

Easy to install

- Pre-wired for faster fitting
- No flue required (no need to site near external wall)
- Compact design, flexible siting
- EHS Combi Installer kit available
- Integrated pump and expansion vessel
- Compatible with underfloor heating systems
- Works with existing radiators and pipework
- Compatible with RF/Wi-Fi thermostats

Easy to maintain

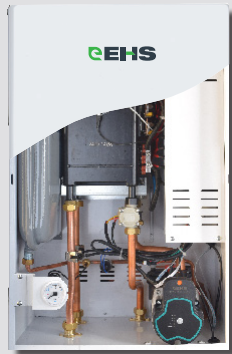
- No mandatory annual gas certification
- No carbon monoxide risk
- Minimal servicing & repairs
- Only three moving parts
- Spare parts available on next-day delivery
- Minimal training required

Flexibility & Compatibility

- Suitable for 230V single phase and 400V three phase
- Power can modulated from 2kW up to full output
- Range rateable to match property heating demand
- Compatible with underfloor heating, solar pv & air source heat pumps
- Suitable for volt free, hard wired and wireless thermostats and controls



Meet the Flex Family



Flex Combi Boilers: Compact and Convenient

Ideal for smaller properties with a single bathroom, the Flex Combi boiler is a direct electric replacement for a traditional gas combi. It delivers instant hot water and central heating without the need for a hot water cylinder, external flue, or gas supply. Pre-wired, near-silent and easy to site, it's the go-to choice for quick, clean installs in flats, apartments, and rental properties.

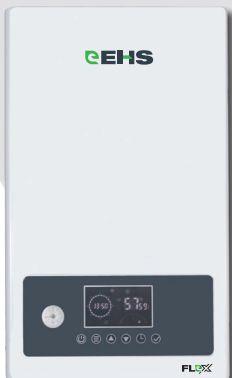
- ✓ **Ideal for smaller properties and flats** with a single bathroom
- ✓ **All-in-one heating and hot water** delivers both from a single compact unit with no need for a separate cylinder.
- ✓ **Pre-wired and flue-free** for flexible installation anywhere in the property



Flex System Boilers: Built for Bigger Hot water Demands

The Flex System boiler is perfect for larger homes with multiple bathrooms or higher hot water needs. Designed to work with unvented indirect hot water cylinders & thermal batteries, it offers powerful, efficient heating that can integrate seamlessly with solar PV and off-peak tariffs. With its compact form, no flue requirement, and compatibility with underfloor heating, it's a flexible option for new builds and upgrades alike.

- ✓ **Great for larger homes** - scalable output and flexible installation.
- ✓ **Works with unvented cylinders & thermal batteries** ideal for homes with higher hot water needs.
- ✓ **Controlable to make use of off-peak and solar** - maximise savings with stored hot water



Flex+: Smart Power Control for Limited Supply Installs

Specifically engineered for buildings with limited electric supply e.g: caravans, lodges and small units, the Flex+ model features adaptive smart power control. It continuously monitors household electricity usage and automatically adjusts boiler output to stay within the available circuit capacity. Fully autonomous and ideal for restricted supplies, Flex+ ensures safe, efficient heating without overloading the system — perfect for where space and power are at a premium.

- ✓ **Ideal for limited electricity supply set-ups** perfect small flats, conversions and caravans
- ✓ **Smart load sensing** adjusts output based on available circuit capacity.
- ✓ **Fully autonomous** no manual control or switching needed.

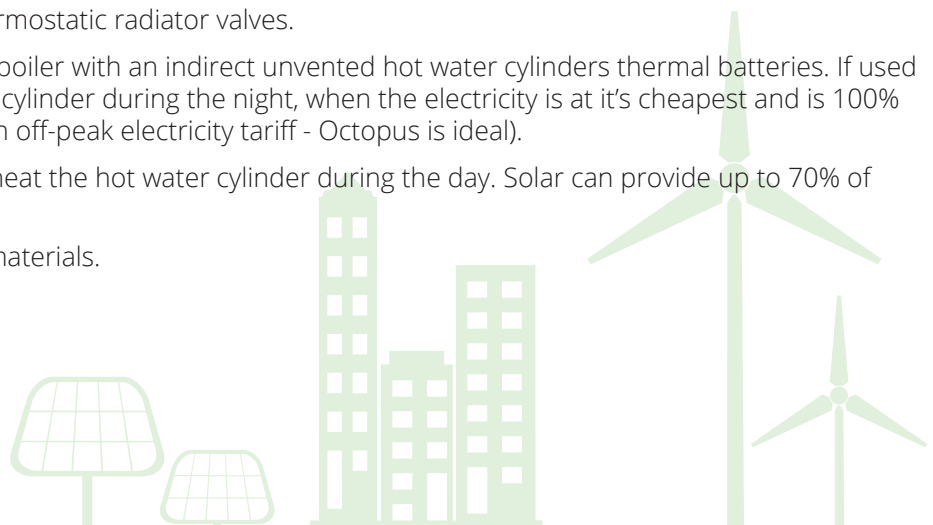
Technical Specifications

Boiler Type	Combi Boilers		System Boilers			Smart Boiler
Name	14000C Flex	24000C Flex	7000S Flex	14000S Flex	24000S Flex	Flex+
	14kW	24kW	7kW	14kW	24kW	7kW
Voltage	230v	400v	230v	230v	400v	230v
Current (Amps)	61	36	31	61	36	31
Recommended Breaker (Amps)	63	40	32	63	40	32
Recommended Cable size	10mm	3x6mm	6mm	10mm	3x6mm	6mm
*DHW Flow Rat (L/min)	up to 7	12	n/a			
Max. Heating Pressure	1.5 bar					
Min. Heating Pressure	0.5 bar					
Max. Flow Temp (C)	80					
Min Flow Temp (C)	20					
HW Connections	1/4" Male Connector		n/a			
Heating Connection Size	3/4" Male Connectors					
PRV Connection Size	15mm					
Dimensions (millimetres)	H630, W380, D230		H630, W380, D230			

Eco Friendly Heating

It is important to set up your heating systems as economically and 'eco friendly' as possible and an electric boiler is one of the most flexible ways to make use of the low-cost electricity and 100% renewable electricity tariffs that are on offer. You should consider:

- Controlling the boiler with a programmable thermostat.
- Controlling radiators with smart thermostatic radiator valves.
- If you have the space, use a system boiler with an indirect unvented hot water cylinders thermal batteries. If used with a timer, the boiler can heat the cylinder during the night, when the electricity is at it's cheapest and is 100% renewable (you will need to be on an off-peak electricity tariff - Octopus is ideal).
- Installing a solar PV system to help heat the hot water cylinder during the day. Solar can provide up to 70% of your yearly hot water requirements.
- Insulate your home using the best materials.



Flex Additions - Everything you need to get the job done

EHS Combi Installer Kit

Adds 2 years to your combi warranty

The all in one kit that gives you right parts at the right time for the right price. Using one will extend your warranty to 7 years



- ✓ Sentinel Vortex 250Magnetic filter
- ✓ Sentinel X300 System Cleaner
- ✓ Sentinel X100 Inhibitor
- ✓ EPH Combi Pack 4
- ✓ WRAS Approved Filling Loop
- ✓ Automatic Bypass Valve
- ✓ 2 x 1/2" & 2 x 3/4" Isolation Valves
- ✓ Caleffi Flow valve 5ltr/min

Join our installer club - today



Register with us for direct access to training, technical support and member benefits



EHS Indirect Cylinders

1 or 2 Zone Pre-Plumbed Cylinders

The EHS pre-plumbed indirect hot water storage cylinders feature an internal coil and are designed for use with our electric system boiler as the primary heat source (either sealed system or open vented).

- ✓ Pre-plumbed with pre-fabricated pipework and wiring
- ✓ Fast reheat
- ✓ Available in 90-500 litre capacities
- ✓ Integrates with a Solar PV system
- ✓ Duplex stainless steel provides superior corrosion resistance
- ✓ Fully insulated to minimise any heat loss

Also available from EHS



Thermal
Storage
Batteries



Mixergy iHP X
Heat Pump
Cylinder



Visit our
website for
all products



0345 8628699
info@ehs-heating.com
www.ehs-heating.com

