

TECHNICAL SPECIFICATIONS

Boiler range	Comfort 6kw	Comfort 9kw	Comfort 12kw
Central heating flow & return pipes	22mm	22mm	22mm
Dry weight	25kg	25kg	25kg
Electrical supply	230V 1ph	230V 1ph	230V 1ph
	50Hz	50Hz	50Hz
Load/current	26.1 amp	39.1 amp	52.2 amp
Heating output	20.478 Btu	30.717 Btu	40.956 Btu
Temp setting (factory set)	85°C	85°C	85°C
Min temp setting	40°C	40°C	40°C
Protection	32 Amp	45 Amp	63 Amp

NB: Voltage free control connections

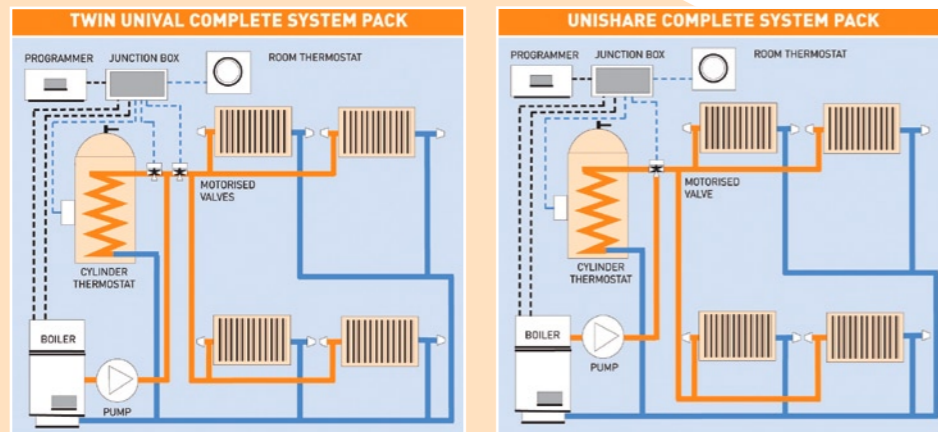
Standard Boiler Dimensions Width 420mm Height 700mm Depth 285mm

Slimline models available on request

HEATING CONTROL PACKS

As well as off the shelf solutions, SUNVIC offer the flexibility to make up your own pack design by selecting any one of our quality products and combining them to make the pack of your choice.

- Complete system in a single pack
- Positive, independent control of domestic hot water and central heating
- Possible to extend control system to add further zone control
- Available in timed and untimed versions
- Matched components for trouble free installation



OTHER PRODUCTS

Sunvic are renowned for their full range of central heating controls; room thermostats, programmers, motorised valves and accessories. Contact us for a copy of our latest catalogue or visit our website for further information www.sunvic.co.uk



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Sunvic Electric Boilers Comfort Range



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comfort in control

SUNVIC Controls have been designing and manufacturing reliable, high quality and high specification products for over 60 years. Our expertise is temperature control and we constantly strive to find new and innovative ways to serve the heating, ventilation and air conditioning market.

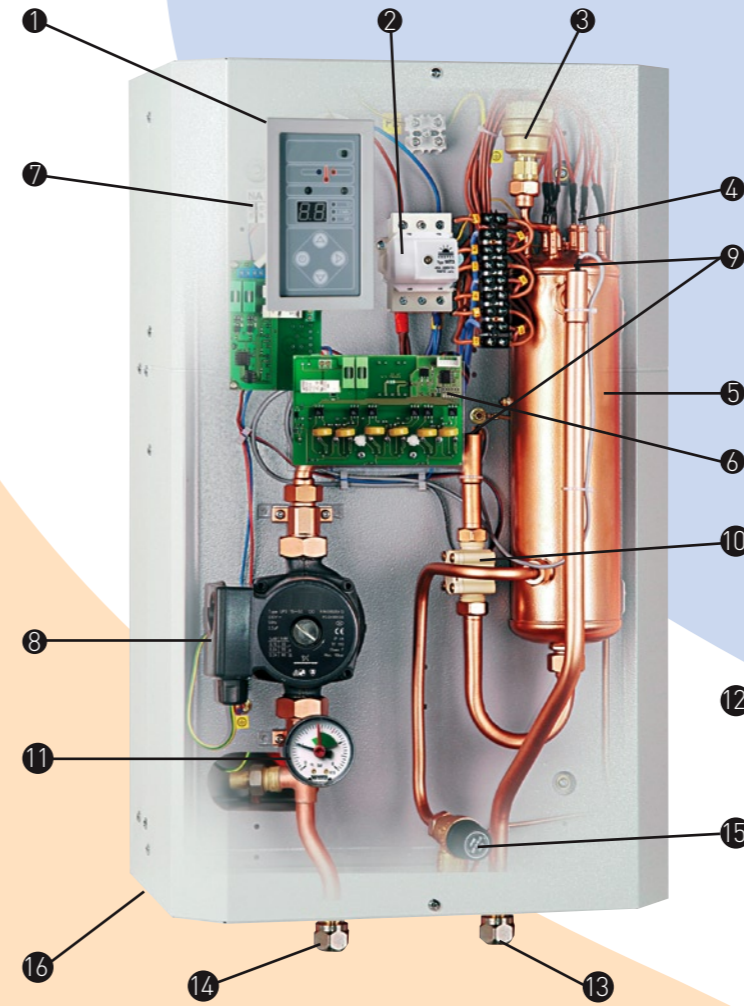
Comfort range

The new range of electric boilers perfectly meets the demands and challenges of installing a central heating system where gas is either unavailable, or undesirable.

It is an obvious solution for properties with no access to mains gas supply, for example Hi rise dwellings and rural areas. It also affords a solution for properties with boiler restrictions such as listed buildings and bed-sit sleeping areas. As well as being an ideal choice for wet central heating, the Comfort is also suited to underfloor heating.

An electric boiler is an alternative solution to electric storage heating, oil, solid fuel or LPG systems and brings with it many benefits, one of which is its cost effectiveness.

The Comfort from Sunvic is one of the most complete electric boilers in the market today. It has been designed to eliminate unnecessary external plumbing and pipework. The boiler has been engineered to include the Pump, Auto-air vent, Expansion Vessel and Pressure Gauge within its compact casing. This brings with it flexibility, as it can be located in a cupboard or wall mounted, for example, in a kitchen.



boiler key

1. Control Panel
2. Over Heat Stat
3. Automatic Air Vent
4. Heating Elements
5. Copper Heat Exchanger
6. Printed Circuit Board
7. Voltage Free Control Connections
8. Circulation Pump
9. Flow & Return Sensors
10. Flow Switch
11. Pressure Gauge
12. Expansion Vessel
13. Heating Flow
14. Heating Return
15. Pressure Relieve Valve
16. White Metal Enclosure



Benefits:

- No flue required
- 100% efficiency
- Economic running costs
- Suitable electricity tariff options available
- No maintenance or annual safety certificate required
- Virtually silent operation
- 24 hour controllability
- Safety - No fumes or risk of explosion
- Peace of mind - multiple fail-safes built into the unit
- Flexible - Suitable for central heating only or central heating and hot water
- Suitable for under floor heating

Boiler efficiency is a key requirement for effective and economical central heating. The Comfort achieves this via 6 stage heating using a single copper heat exchanger. Within this unique facility both electricity consumption and running costs are controlled through any heating cycle.

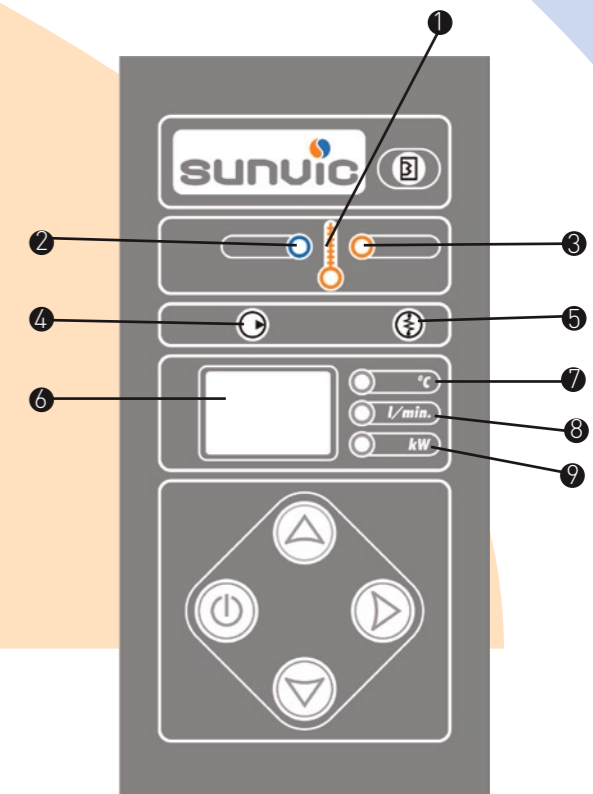
The user friendly control panel allows both the installer and homeowner to identify the operating temperature, flow rate and kW output of the boiler at any given time. It also has an important part to play in fault diagnosis by clearly displaying fault codes, thus minimise unnecessary down time.

Sunvic electric boilers are suitable for a wide variety of applications. There are 3 different output options; 6kW, 9kW and 12kW. It is also possible to install the boiler in series with a secondary boiler to suit non domestic situations. The operating temperatures of the boiler can be adjusted via the control panel - the temperature outputs range from 40°C through to a maximum of 85°C.

The leading edge design combined with quality manufacturing provides complete peace of mind for reliability, performance and safety.

control panel key

1. Boiler Temperature
2. Return Temperature Indicator
3. Flow Temperature Indicator
4. Pump Indicator
5. Heating Demand Indicator
6. Digital Display
7. Set Point Temperature
8. Flow Rate
9. Power Usage Indicator



For the professional Heating Engineer committed to providing the ultimate heating solution in non-gas applications, the Comfort is the boiler of choice.

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