

The NEW **Greenstar i**

i nnovative

i ntuitive

i mproved
performance

i nstallation
ease



A **NEW** look, **NEW** features and a **NEW NAME** for the UK's best selling boiler, the Greenstar i Junior

 **WORCESTER**
Bosch Group

Introducing the new **Greenstar i**

The new **Greenstar i boiler** builds on the popular features of its predecessor, the market-leading Greenstar i Junior and i System, while introducing a host of new features.

These improvements include enhanced performance, an intuitive control panel and design improvements that make installation and maintenance even easier.

The models still include the same high efficiency WB3 heat exchanger and also incorporate a number of features that have been tried and tested in the Greenstar Compact range.

New **features...**

✓ **Higher hot water outputs**

Available in outputs of 25kW and 30kW, giving higher hot water flow rates of 10.2 and 12.3 litres per minute.

✓ **Eliminates condensate freezing**

Has been extensively tested under simulated extreme weather conditions and proved its effectiveness in preventing frozen condensate at -15°C for a sustained period of 48 hours.*

✓ **User friendly control panel**

Provides information on the boiler operation and allows flow and hot water temperature to be adjusted using simple up and down buttons.

✓ **Low cost weather compensation option**

Further increased efficiency can be achieved with the installation of a simple optional weather sensor.

✓ **Low energy modulating pump**

Ensures the Greenstar i complies with the ErP Directive.

✓ **More system boiler choices**

Two new outputs have been introduced – 9kW and 21kW – providing a comprehensive range of outputs across the range from 9kW to 24kW, with lower output models being particularly suitable for homes with high levels of thermal insulation.



For more information on ErP, please turn to page 7.

...New **design improvements**



Simple to remove fan

The fan can be easily removed with just one screw. The burner gasket is not disturbed in the process, so the cost of a new one is saved.

More space inside

The expansion tank is now inside the boiler, making access for service and maintenance easier.



Easier to open

The single sided outer case allows easy access during installation and servicing.



Easier PCB access

The installer connection on the PCB can be easily accessed by opening two clips.



Easier hanging

The new angled and tapered bracket design makes easier installation over countertops. The holes and isolation valves line up with the i Junior for a "Simple Switch" option.

Pre-set gas valve

The non-adjustable gas valve will always be set within appropriate levels and therefore does not need to be adjusted on service.



Larger condensate siphon

Removes the need for an external trace heating device or the need to insulate external condensate pipework.

Intuitive control panel with extra **features**



Information at your fingertips

The digital display includes a 'quick info' button to provide information on:

- Current boiler status
- Clear text descriptions for quick boiler diagnostics
- Flow detection.



Quickly set economic heating and hot water

By holding down the up and down buttons together, the central heating flow temperature can be adjusted to the economical flow temperature. The hot water temperature can also be quickly adjusted (as shown) using the same process.



Homeowner service reminder

The Greenstar i control panel includes a service reminder function which is turned off as a default. It can be accessed by the installer and programmed to show a service reminder message after a set number of months.



Guarantee app

FREE online registration app

Using the app on a compatible smart device, the boiler details can be scanned and then registered to qualify for the guarantee. Installers can also access a menu on the boiler for easier completion of the Benchmark logbook.



Optional plug-in Greenstar Comfort control shown



Compatible with all the latest controls

The Greenstar i is compatible with the full range of Worcester controls including the new Greenstar Comfort controls and the Wave internet-connected smart control. Details are shown on page 6.



Greenstar i app

FREE Greenstar i control panel app

In order for installers to familiarise themselves with the full functionality of the Greenstar i, a comprehensive app is available which includes a simulator for the new digital controls. In addition to the simulator, an animated walk-through is included in the app. For more information, see page 7.

Technical data

Greenstar i combi models	Greenstar 25i	Greenstar 30i
Part Number	7 733 600 012	7 733 600 005
DHW flow rate @ 35°C rise	10.2 l/min	12.3 l/min
Output to central heating	7.2-24kW	7.2-24kW
Height	710mm (max)	710mm (max)
Width	400mm	400mm
Depth	330mm (max)	330mm (max)
Weight – lift	31.7kg	31.7kg
ErP Seasonal Space Heating energy efficiency class	A / 93%	A / 93%
ErP Water Heating energy efficiency class	A	A
2009 SEDBUK efficiency – natural gas	A / 89.6%	A / 89.6%
NOx classification with low NOx code plug	39mg/kWh	39mg/kWh
NOx classifications	49mg/kWh	49mg/kWh

Greenstar i System models	9i System	12i System	15i System	18i System	21i System	24i System
Part Number	7 733 600 011	7 733 600 010	7 733 600 009	7 733 600 008	7 733 600 007	7 733 600 006
Output to central heating	3.1-9.2kW	3.1-12.2kW	4.6-15.3kW	4.6-18.4kW	7.2-21.6 kW	7.2-24.6kW
Height	710mm (max)	710mm (max)	710mm (max)	710mm (max)	710mm (max)	710mm (max)
Width	400mm	400mm	400mm	400mm	400mm	400mm
Depth	330mm (max)	330mm (max)	330mm (max)	330mm (max)	330mm (max)	330mm (max)
Weight – lift	30.9kg	30.9kg	30.9kg	30.9kg	30.9kg	30.9kg
ErP Seasonal Space Heating energy efficiency class	A / 93%	A / 93%	A / 93%	A / 93%	A / 93%	A / 93%
2009 SEDBUK efficiency – natural gas	A / 89.8%	A / 89.8%	A / 89.7%	A / 89.7%	A / 89.7%	A / 89.7%
NOx classifications	36mg/kWh	45mg/kWh	42mg/kWh	50mg/kWh	49mg/kWh	49mg/kWh

Controls compatibility

Worcester controls	i combi	i System [†]
MT10 and MT10RF	✓	✗
Comfort	✓	✓
Comfort I RF and Comfort II RF	✓	✓
FR10 and FR110	✓	✓
FW100	✓	✓
Wave	✓	✓

[†]System boilers using a Worcester control option are incompatible with Y or S plan systems and must have the optional Diverter Valve Kit fitted.

5 year guarantee

All Greenstar i boilers are offered with a full **5 year guarantee*** on parts and labour as well as a **10 year guarantee*** on the primary heat exchanger. Registration can be by post, telephone, online or via the new app.



Frequently asked questions

Q. Does the Greenstar i use the same flues as the i Junior?

Yes. It is compatible with the same range of Condensfit II flues.

Q. Is the Greenstar i the same dimensions as the i Junior and are the mounting holes and pipe positions the same?

Yes. To simplify replacement of boilers, the mounting hole positions have been kept the same. The Greenstar i also uses the same plumbing manifold as other Greenstar combi boilers.



Q. Have the 27kW and 30kW Greenstar i Systems changed?

The Greenstar i System 27kW and 30kW boilers have remained the same and use the WB7 heat cell which is also used in the Greenstar CDi Compact series.

Q. What is ErP?

The Energy-related Products (ErP) Directive is a new regulation set by the European Union. It is designed to drive improvements in the efficiency and performance of heating and hot water products.

It comes into force on the **26th September 2015**, well in advance of this Worcester will have a number of measures in place to support you including:

- An **online tool** which creates product and heating system labels
- ErP will be covered in **all Worcester training courses**
- **ErP experts** – our technical and customer support teams can answer all your questions.



Greenstar i control panel app

Worcester has launched an online simulator and app to allow you to familiarise yourself with the functions and features of the new boiler controls.

The Greenstar i app is a free tool that allows you to make the transition to the new Greenstar i boiler as easy as possible.

The app includes the following features:

Control simulator

Practice advanced tasks such as setting and resetting the service reminder, performing various tests, range rating the central heating flow, entering basic adjust mode and more.

Guided animation

Demonstrates both basic and advanced functionality of the new boiler, allowing you to understand what features have remained and what new features have been added – all based on your feedback.

Further information, videos and technical data

Provides you with a clear guide for each graphic symbol and text display that can feature on the control panel.





**Technical Helpline
(Pre & Post Sales)**

Tel: 0330 123 3366

Email: technical-advice@uk.bosch.com

Service Enquiries

Email: service-enquiries@uk.bosch.com

or telephone 0330 123 9559

Literature

Email: brochure-request@uk.bosch.com

or download instantly from our website

or telephone 0330 123 9119

ErP Technical Helpline

Email: ErP-advice@uk.bosch.com

or telephone 0330 123 3641

worcester-bosch.co.uk



Worcester, Bosch Group,
Cotswold Way, Warndon,
Worcester, WR4 9SW