

BOILER PLUS – WHAT INSTALLERS NEED TO KNOW


VOKÈRA BOILERS EASILY MEET OR EXCEED THE REQUIRED MINIMUM 92% ERP EFFICIENCY.

WHAT IS BOILER PLUS?

From April 2018 new legislation is in effect, it's objectives are to raise standards of efficiency for domestic heating systems, to give consumers more choice over the way they heat their homes, more control over their energy bills.

Boiler Plus applies to retrofit and new installations in England only (new build is excluded). Boiler Plus states that all boilers must have a minimum ErP space heating efficiency of 92%.

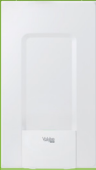
When installing a combination boiler, at least one of four additional energy saving measures must be included:



Load Compensation

A


evolve



94% ErP
space heating efficiency

+

BeSMART




Adds 3% to
space heating efficiency

=

97%

Total ErP
space heating
package efficiency


- BeSMART (OpenTherm mode) (20111860)
- RF Programmable thermostat (OpenTherm mode) (20101743)
- 711 RF programmable room thermostat (20050690)



Weather Compensation

A


evolve



94% ErP
space heating efficiency

+

Wired outdoor sensor




Adds 2% to
space heating efficiency

=

96%

Total ErP
space heating
package efficiency


- Wired outdoor sensor (2359259)
- RF photovoltaic outdoor sensor (20112080)*



Load and Weather Compensation

A+


evolve



94% ErP
space heating efficiency

+

BeSMART



Adds 4% to
space heating efficiency

=


98%

Total ErP
space heating
package efficiency

- BeSMART (OpenTherm with internet weather look up) (20111860)


USING A COMBINATION OF VOKÈRA PRODUCTS CAN EASILY ACHIEVE AN ERP SPACE HEATING PACKAGE EFFICIENCY RATING OF 98% EQUAL TO AN A+ PACKAGE.

Find out more about Boiler Plus at www.vokera.co.uk/boilerplus




Flue Gas Heat Recovery Units (FGHRS)

Vision



+

Fuelsaver



- Fuelsaver (29450000)

1 Load Compensation – lowers boiler operating temperatures thereby improving efficiency in line with internal demand whilst maintaining comfort levels.

2 Weather Compensation – lowers boiler operating temperature in line with external air temperature whilst maintaining internal comfort levels. Air temperature can be drawn from an external sensor or internet derived.

3 Smart Controls (with automation and optimisation) – automation is a control function that automatically adjusts time and temperature settings, based on occupancy detection and / or stored data from user adjustments over time. Optimisation is a control function which starts the boiler operation at the optimum time to achieve the set point temperature at the start of the occupancy period.

4 Flue Gas Heat Recovery Systems (FGHRS) – recovering heat from waste flue gases to preheat cold water entering the boiler, reducing energy needed to reach the required level.