

BAXI
Make it easy



Baxi's guide to Boiler Plus

Are you ready?

On April 6 2018, changes to technical standards under Building Regulations Approved Document L1b (also known as Boiler Plus) came into effect and will apply to England only.

The main changes are:

- 1) Space heating efficiency of the new boiler no less than ErP 92%
- 2) Time and temperature control required for all installations
- 3) All combi installations must also include one of the following:
 - Weather compensation
 - Load compensation
 - Flue gas heat recovery
 - Smart control with automation and optimisation

Please find below an easy to use table which demonstrates the different options available to you to ensure Boiler Plus compliance.

	Baxi 600	Baxi 400	Baxi 200	Baxi Duo-tec	Baxi Platinum
uSense smart control only*	✓	✓	✓		
uSense + weather compensation	✓	✓	✓	✓	✓
Weather compensation only**					
Weather compensation & standard time and temperature control	✓	✓	✓	✓	✓

*Only when installed via Open Therm

**Compliant when installed with an existing time and temperature control

Visit baxi.co.uk/boilerplus to find out about other options to become Boiler Plus compliant.

Baxi 600 Combi

Combine the Baxi 600 Combi with a uSense smart control to become Boiler Plus compliant.

FREE 7 YEAR WARRANTY*

BAXI

16.5°C

Boiler Plus COMPLIANT

COMPACT SIZE

BAXI USENSE COMPATIBLE

PIPES BEHIND FACILITY WITHIN BOILER CASING

BRASS HYDRAULICS

EASY-FILL FILLING LOOP

Product	Product code
Baxi 624 Combi	7682194
Baxi 630 Combi	7682101
Baxi uSense smart thermostat	7649277

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*Terms and conditions apply. Visit baxi.co.uk for details.

Baxi 400 Combi

Combine the Baxi 400 Combi with a uSense and it's Boiler Plus compliant.



The diagram illustrates the combination of the Baxi 400 Combi boiler and a Baxi uSense smart thermostat to achieve Boiler Plus compliance. The boiler is shown with a 'FREE 5 YEAR WARRANTY' badge and two 'A' energy efficiency ratings. The thermostat displays a temperature of 16.5°C. The resulting 'Boiler Plus COMPLIANT' status is indicated by a checkmark icon.

COMPACT SIZE

OPTIONAL STAND OFF FRAME

RIGID FILLING LOOP

SIMPLE HANGING BRACKET

LPG MODEL AVAILABLE

Product	Product code
Baxi 424 Combi	7656162
Baxi 428 Combi	7656163
Baxi 428 Combi LPG	7219417
Baxi uSense smart thermostat	7649277

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*Terms and conditions apply. Visit baxi.co.uk for details.

Baxi 200 Combi

Combine the Baxi 200 Combi with a uSense and it's Boiler Plus compliant.

FREE 3 YEAR WARRANTY*

A

A

BAXI

16.5°C

Boiler Plus COMPLIANT

COMPACT SIZE

OPTIONAL STAND OFF FRAME

SIMPLE HANGING BRACKET

FRONT ACCESS TO COMPONENTS

LIGHTWEIGHT ONLY 26kg LIFT WEIGHT

Product	Product code
Baxi 224 Combi	7656160
Baxi 228 Combi	7656161
Baxi uSense smart thermostat	7649277

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Baxi Duo-tec Combi

Combine the Baxi Duo-tec Combi with a time and temperature control and a Baxi IFOS and it's Boiler Plus compliant.



+ TIME + TEMPERATURE



WEATHER
COMPENSATION



PRE-PLUMBING
**JIG
SUPPLIED**

**BUILT-IN
FILLING
LOOP**

**BRASS
HYDRAULICS**

**FLOW
RATE UP TO
16.4L/MIN***

**LPG
MODEL
AVAILABLE**

Product	Product code
Baxi Duo-tec 24 Combi	7219413
Baxi Duo-tec 28 Combi	7219414
Baxi Duo-tec 33 Combi	7219415
Baxi Duo-tec 40 Combi	7219416
Baxi Duo-tec 28 Combi LPG	7219417
Baxi IFOS	7683084

Visit baxi.co.uk/boilerplus to find out about other options to become Boiler Plus compliant.

*Terms and conditions apply. Visit baxi.co.uk for details. *Per minute at 35° rise.

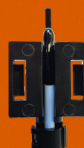
Baxi Platinum Combi

Combine the Baxi Duo-tec Combi with a time and temperature control and a Baxi IFOS and it's Boiler Plus compliant.



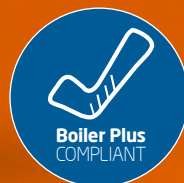
+ TIME + TEMPERATURE

+



WEATHER
COMPENSATION

=



PRE-PLUMBING
**JIG
SUPPLIED**

EXTENSIVE
**FLUE
OPTIONS**

EASY-FILL
**FILLING
LOOP**

**BRASS
HYDRAULICS**

**FRONT
ACCESS TO
COMPONENTS**

Product	Product code
Baxi Platinum 24 Combi	7219449
Baxi Platinum 28 Combi	7219450
Baxi Platinum 33 Combi	7219451
Baxi Platinum 40 Combi	7219452
Baxi IFOS	7683084

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*Terms and conditions apply. Visit baxi.co.uk for details.

Baxi uSense

The Baxi uSense Wired Smart Thermostat is the perfect addition to a Baxi boiler. Giving your customer complete control of their heating, from wherever they are.



The Baxi uSense contributes to Boiler Plus via load compensation when installed with an OpenTherm boiler. In all other instances, the uSense acts as a time and temperature control only.

Feature	Benefit
Load compensation	Reduces energy bills and contributes to Boiler Plus compliance
3 year warranty*	For peace of mind
uSense app	Control your heating using your smartphone or tablet, wherever you are
Central heating schedule	Use the app to schedule your central heating to come on when you need it!
Holiday mode	Saves you money by reducing the temperature while you are away, returning to normal when you come home
Monitor energy use and costs	Gives a guide to how much energy your heating system is using to help you save money on your energy bills
Automatic summer/winter time changes	Automatically changes the clock to Daylight Saving Time so you don't have to re-set it
Presence detection	The unit lights up when you approach it
Boiler fault diagnosis**	Shows error messages to help you diagnose faults
Integrated Wi-Fi	Can be connected to your home internet
Quick Auto Programming	Answer a few simple questions and it automatically creates a schedule based on your habits
A single-zone system	No zone valves or subzones required for homes smaller than 150m ²
Installer details	Add in your details so your customer can contact you for their annual boiler service

* T&C's apply. Visit baxi.co.uk for more details.



**Baxi uSense Wired Smart Thermostat is compatible with all combi boilers using the 230V switched live. Additional features, such as boiler fault diagnosis, are enabled when connected via OpenTherm. The Baxi 600, 400, 200 Combi boilers are OpenTherm compatible.

Visit baxi.co.uk/boilerplus to find out about other options to become Boiler Plus compliant.

Baxi IFOS

Baxi Multifit IFOS provides installers with a cost effective, easy to install way to comply with Boiler Plus, when used with uSense or other time and temperature controls.



Feature	Benefit
Sensor housing clips onto the air duct of the standard horizontal flue terminal	Quick and easy, takes minutes to fit
Fits under the air duct	Kept out of direct sunlight, so no need to fit on a north/north west wall
Free flow of air over sensor	More accurate temperature sensing, ensuring best possible operation
Two wire cable runs back to boiler down the flue air duct	Extremely simple to fit, with no drilling or disruption
Very few parts	Extremely easy solution compared to many other weather sensors

Baxi Multifit IFOS is only suitable for horizontal flues.

Visit baxi.co.uk/boilerplus to find out about other options to become Boiler Plus compliant.

Boiler Plus products

Please find below the controls and accessories which can be used in conjunction with Baxi's combi boiler range to meet the requirements of Boiler Plus.

Smart control



7649277 **Baxi uSense smart thermostat**

Meets Boiler Plus compliance with load compensation when installed with an OpenTherm compatible boiler (Baxi 200, 400 & 600), in all other cases it acts as a time and temperature control only.

Weather compensation



7683084 **IFOS (In Flue Outdoor Sensor)** Horizontal flue only <4m



7703233 **Multifit wired outdoor weather sensor**

North/north west facing wall only

The above products are available from mid-April 2018.
In the meantime, the existing outdoor weather sensor kits can be ordered:

7686478
Baxi 600 compatible

720330001
Baxi Duo-tec and
Platinum compatible

Time



247206 **Integral 24hr Electro-mechanical timer**

Compatible with Baxi Duo-tec and Platinum only



247207 **Integral 7 day Electro-mechanical timer**

Compatible with Baxi Duo-tec and Platinum only



7658276 **Plug-in mechanical timer**

Compatible with Baxi 200 and 400 only



7658523 **Plug-in digital timer**

Compatible with Baxi 200 and 400 only



7212444 **Single channel wired programmer**



720971401 **Integral 24hr electro-mechanical timer (surface mount)**

All controls and accessories are compatible with all Baxi combi boilers unless stated otherwise.

Visit baxi.co.uk/boilerplus to find out about other options to become Boiler Plus compliant.

Temperature control



720971601
Room thermostat

Time and temperature control



5117391
24hr wireless programmable room thermostat (single channel)
Compatible with Baxi Duo-tec and Platinum only



7658781
Plug-in RF programmable mechanical thermostat
Compatible with Baxi 200 and 400 only



720030501
7 day wireless programmable room thermostat



7658789
Plug-in 7 day RF digital programmable thermostat
Compatible with Baxi 200 and 400 only



7212438
Single channel wired programmer/thermostat



0344 871 1525

Opening hours

Monday - Friday, 8.00am - 6.00pm

Weekends and bank holidays, 8.30am - 2.00pm

We are open 365 days a year.

Please note calls may be monitored or recorded.



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