

Weather Compensation Kit

The Multifit Weather Compensation Kit is a new accessory that will help answer specifier demand to reduce domestic heating bills by improving the efficiency of boilers in both new builds and existing properties.

The Multifit Weather Compensation Kit is simple to install, by fitting a discreet outdoor temperature sensor onto a north-facing outside wall. The sensor is then wired back into the boiler in a straightforward 'plug in and play' solution. Once the kit is mounted and connected to the boiler no other programming or adjustments are necessary.

How does it work?

The Multifit Weather Compensation Kit measures the temperature outside of the home and varies the temperature of the water pumped into the heating system to maintain a boiler return temperature below 57°C.

The benefit of the Multifit Weather Compensation Kit is that it creates a stable room temperature without overheating, whilst reducing boiler pump use - saving money and lowering CO₂ emissions.

The Multifit Weather Compensation Kit is suitable for use with a range of Baxi and Potterton boilers:

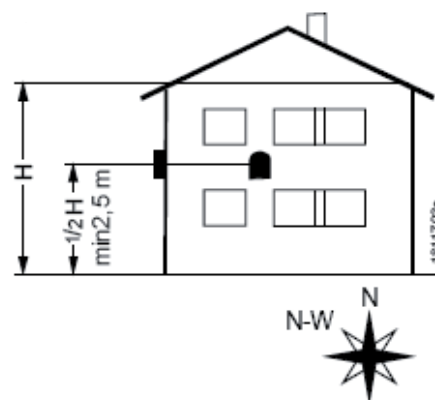
- Baxi Platinum Combi 24, 28, 33 & 40kW HE A
- Baxi Duo-tec Combi 24, 28, 33, 40kW HE A & 24, 28 & 33kW HE A LPG
- Potterton Promax Combi 24, 24 LPG, 28 & 33kW HE Plus A

Features and benefits

- Maintains stable level of heat in the home for maximum comfort
- Enables the boiler to modulate down to minimal temperatures, providing additional cost savings to the homeowner
- Reduces boiler cycling - eliminating noise and prolonging boiler life
- Quiet in operation, reduces the need for the boiler to fire up
- Simple installation; 2 core low voltage cable, no requirement for Part P certification
- Simple to install, no need for commissioning or maintenance
- Assists in meeting Code level 3 and 4 - improves SAP score by up to 3%
- Suitable for a wide range of Baxi and Potterton combination boilers



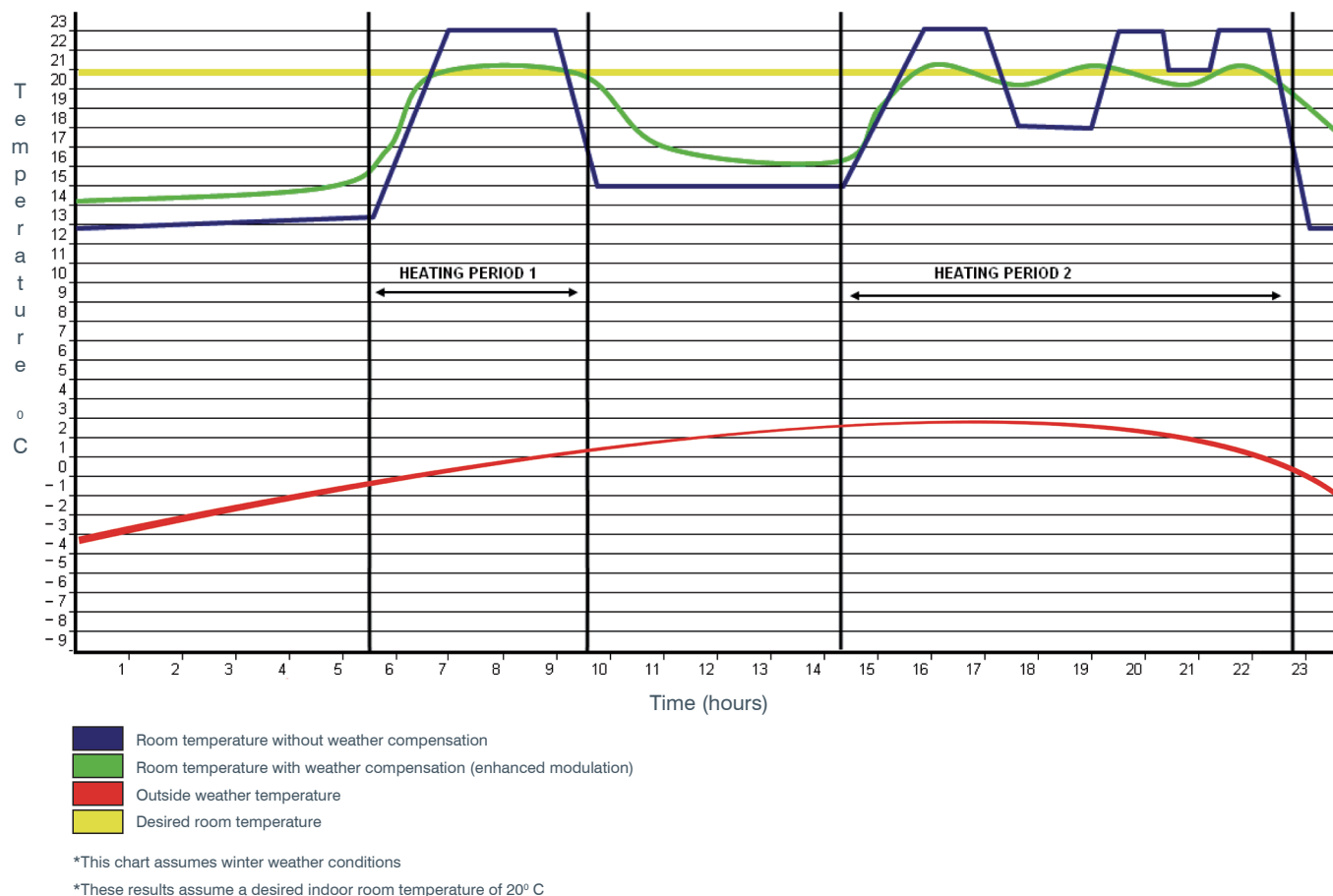
Sales code: 720330001



Correct position for mounting outdoor sensor unit

Weather Compensation Kit

The graph below demonstrates the benefits of installing a weather compensation kit. An increased level of heat regulation is achieved by allowing the boiler to operate in condensing mode and by avoiding problems like temperature overshooting and cycling.



A simple and cost effective way to help reduce carbon emissions

The use of a Multifit Weather Compensation Kit is a simple and low cost way of reducing the impact of domestic heating and hot water products on the environment. Delivering a CO₂ saving within SAP in a more cost effective manner than any other fabric or material improvement.

Weather compensation is recognised as an effective carbon-saving enhancement offering advantages to those aiming to comply with the Code for Sustainable Homes at Levels 3 or 4. The Standard Assessment Procedure (SAP) now awards weather compensation up to a 3% improvement in carbon saving. For those seeking to improve SAP scores of existing dwellings weather compensation offers similar improvements in RdSAP scores.

In the long term, the Multifit Weather Compensation Kit can cut carbon usage by 27kg per annum on new build schemes, and 96kg per annum when retrofitted on developments.