

WIRELESS OPENTHERM PROTOCOL \ OUTSIDE WEATHER COMPENSATING CONTROL \ PROGRAMMABLE ROOM THERMOSTAT



# Intelligent controls

The installation and correct use of a Vokèra intelligent control can save up to 10% of a home's energy usage whilst providing a more comfortable and stable room temperature. Compatible with Vokèra's high efficiency ranges\* these controls aid maximum boiler efficiency.

## OpenTherm protocol RF Programmable room thermostat

Code: 611

The Vokèra OpenTherm control uses OpenTherm protocol technology to modulate the Vokèra boiler\* outlet temperature in order to maintain a specified room temperature, maximising boiler efficiency and comfort levels.



Saves up to 10% of a home's energy consumption reducing fuel usage as well as reducing CO<sub>2</sub> emissions.

Wireless (RF) transmitter can be wall mounted or free standing, providing a flexible installation.

'Holiday Function' enables the temperature at which the boiler should operate during the holiday period to be set, ensuring a suitable heating and hot water temperature is supplied on your return.

'Optimisation Function' when enabled, will start the boiler prior to the timed 'ON' period so that the room will reach desired comfort level for when the 'ON' period begins.

Simple up and down buttons ensures the control is easy to operate and temporary changes to the set-point are simple to adjust.

Two pre defined and one user defined programme allow maximum flexibility over heating and hot water timings.

'Info Function' enables the current room temperature, target room temperature, required hot water temperature, current operating mode and switching times of the current programme to be viewed, ensuring a comprehensive understanding of your heating and hot water timings .

Automatic mode switching for Summer/Winter (BST) ensures appliance delivers optimum performance and efficiency throughout each season.

Wireless (OT) receiver can be wall mounted or placed in the boiler cover, allowing for a cleanly styled installation.

Wireless (RF) transmitter control panel is located behind a hinged cover to allow the control to blend easily into any setting.

### BOILER COMPATIBILITY

Linea HE (all outputs)\*

Unica HE (all outputs)

Mynute HE (all outputs)\*\*

**Please note:**

\*Requires wiring kit Code: 1221179

\*\*Contact Vokèra Technical Helpline for advice

## Outside weather compensation control

Code: 2359259



(Directly fits to Linea HE, Unica HE, Mynute HE and can be connected to Compact HE, Linea 7 and Compact SE using RC05 Programmer)

Most of Vokèra's current boiler range comes with pre-configured weather compensating technology, allowing you to install the highest efficiency solution simply by fitting this external sensor.

The outside weather compensation control regulates the boiler in-line with outside weather conditions increasing end user comfort.

The control fits to an external north or north westerly facing wall (recommended) with a simple bell wire connection.

Pre-configured into all Vokèra boilers ready to accept this control.

Extremely simple to install.

Can be retro fitted.

## RC05 Programmable room thermostat and boiler control

Code: 405



\*(When using the RC05 with Compact HE and Compact SE you will also require the wired remote control interface. Code: 409)

For use with Linea-7, Compact SE\* & Compact HE\* it allows these boilers to be sited anywhere in the home, e.g. in a loft space. The RC05 can be fitted in an accessible location enabling direct control over the boiler.

The RC05 can also be used with the outside weather compensation control (Code: 2359259).

Facilitates remote reset.

Alarm codes and services icons displayed.

DHW and heating temperature regulation.

3-modes of operation.

Comprehensive remote diagnostics.

## Different types of boiler controls

The very latest innovation is built in OpenTherm technology, Vokera boilers\* have this technology built in as standard allowing the Vokera Wireless OpenTherm Protocol control to maximise your energy saving in the home.

The output flow temperature is just enough to maintain the required room temperature, this enables much lower return temperatures in comparison to a standard programmable room thermostat, enabling the condensing boiler to be held in condensing mode as much as possible. When the condensing boiler is in condensing mode it is at its most efficient.

With standard controls, the boiler is programmed to come on when the temperature drops below the set temperature and off when it rises above it. However, this constant 'on-off' cycle is inefficient as the boiler has to keep firing up.

For a more cost conscious solution an outside Weather Compensation control is an option. Unlike the OpenTherm technology that senses the internal temperature, the Weather Compensation control independently regulates the boiler in line with external weather conditions. All Vokera boilers have outside Weather Compensation technology built in as standard and can be connected to the Vokera Weather Compensation control.



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