

LOGIC²

CONTROLS GUIDE



HALO

THE IDEAL CONTROL



Designed specifically to work with any Logic² or Vogue boiler range, Ideal Halo RF is a wireless programmable room thermostat that provides simple and easy heating control.



The Ideal Halo Wi-Fi is an internet connected wireless programmable room thermostat, Halo Wi-Fi comes with the same benefits as the Halo RF, but with the addition of app-controlled heating. This includes Geolocation, which gives full control of their heating through their phone or device.

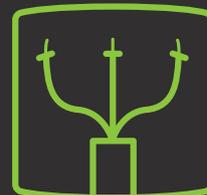


The Ideal Halo 2-Zone extension kit is an add-on kit for both Halo RF and Halo Wi-Fi offering full modulation on both heating zones.



NO HARDWIRING REQUIRED!

The Halo Combi range can be installed in 4 minutes from start to finish, simply Plug, Pair and Play - no hardwiring is required.



NO ADDITIONAL CABLE REQUIRED IF PERMANENT LIVE (PL) IS MISSING

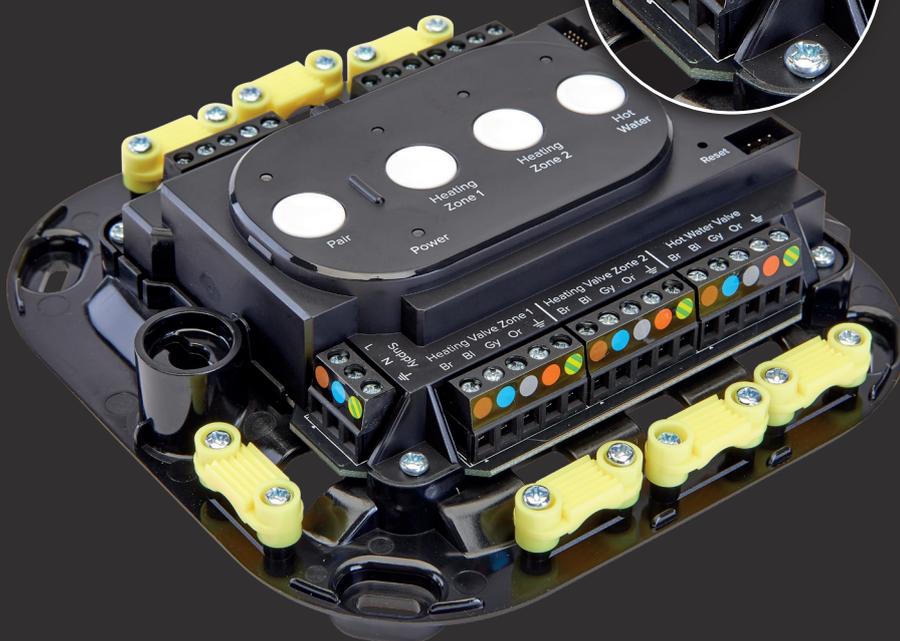
When replacing existing Heat only boilers, it is not uncommon to find there is no Permanent Live available at the boiler.

The innovative Halo wiring centre, supplied with the Halo Heat & System range of controls, communicates with the Ideal boiler wirelessly using Opentherm, meaning the existing Switch Live (SL) can be re-purposed as a Permanent Live, alleviating the need to run additional cables.



HALO HEAT AND SYSTEM:

IT'S WIRING BY COLOURS!



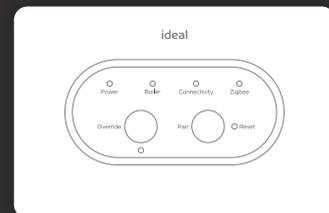
The Smart Wiring Centre terminals are **colour coded** to each wire and fully labelled with a full colour wiring fold out included in the kit to make wiring easy.

Plus there's up to **50% less wires** required to install as all S & Y Plan system wiring is built into the Smart Wiring Centre.

Halo Heat & System is available for **all** Logic and Vogue Heat and System boiler ranges.

HALO SMART INTERFACE

The Halo Smart Interface will be installed in the aperture in the front of your Ideal boiler. It will wirelessly communicate with your Halo control and, in the case of an internet connected Halo, your home Wi-Fi.



INSTALLATION HELP VIDEOS

Scan the **QR codes** below to view our Halo installation help videos.

Halo Heat & System **S-Plan**



SCAN ME

Halo Heat & System **Y-Plan**



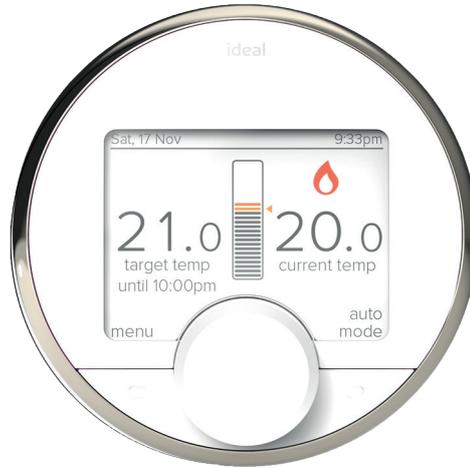
SCAN ME

Halo Heat & System **S-Plan+**



SCAN ME

OTHER CONTROLS



Boiler Plus compliant

HALO LITE

Halo Lite is a wired OpenTherm programmable room thermostat (PRT). It has a large dial (with push) and 2 button for control and a large clear screen with simple user interface. Load compensating properties mean it provides compliance with Boiler Plus. Both the control and the power is provided by the OpenTherm wiring, so no batteries are required meaning minimal maintenance. It also has a landlord service timer function.



WEATHER COMPENSATION OUTDOOR SENSOR

The Ideal Weather Compensation kit allows the boiler to measure the outside temperature and, using this information, reduces the boiler water flow temperature. This improves the efficiency of the running of the boiler, and therefore reduces energy bills.

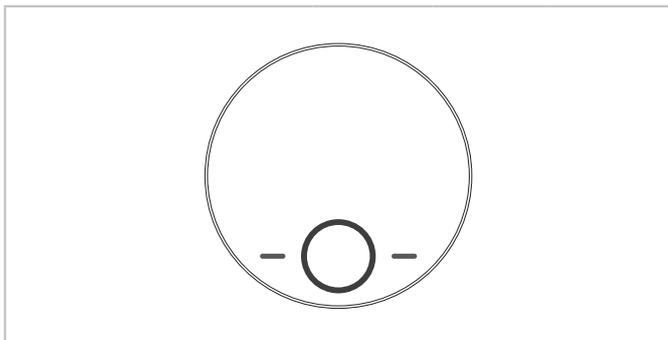


Measure outdoor weather to improve boiler efficiency



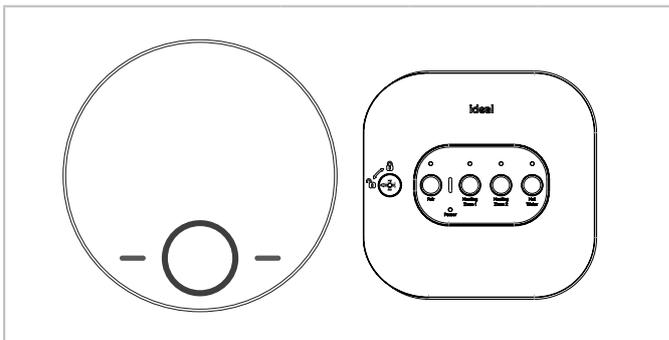
Boiler Plus compliant

IDEAL HALO RF & WI-FI



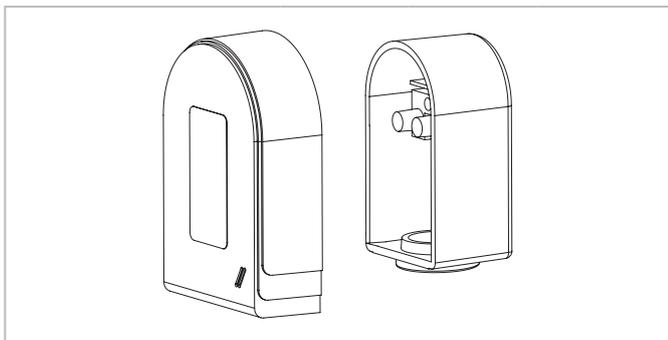
PART NO.	RF OR WIFI	COMBI	HEAT	SYSTEM
222140	RF	✓	✗	✗
222142	WiFi	✓	✗	✗
222141	RF	✗	✓	✓
222143	WiFi	✗	✓	✓

IDEAL HALO 2-ZONE EXTENSION KIT



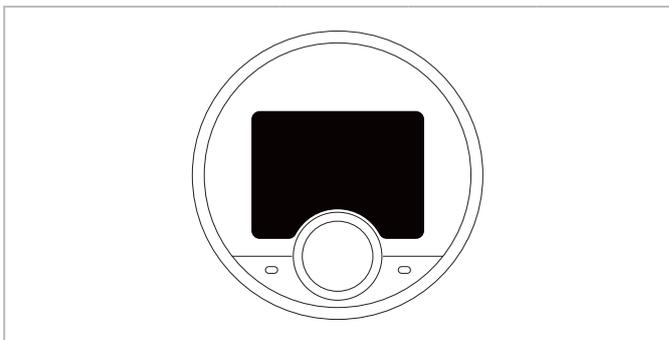
PART NO.	COMBI	HEAT	SYSTEM
222144	✓	✗	✗
222145	✗	✓	✓

WEATHER COMPENSATION OUTDOOR SENSOR



PART NO.	COMBI	HEAT	SYSTEM
216119	✓	✓	✓

HALO LITE WIRED OPENTHERM CONTROL



PART NO.	COMBI	HEAT	SYSTEM
221528	✓	✗	✗

OTHER IDEAL CONTROLS

The following controls are NOT compatible with Logic²:

PRT3 RF electronic programmable room thermostat (Part No. 216131)

Mechanical timer (Part No. 215390)

HALO ACCESSORIES

PART NO.	COMBI	HEAT	SYSTEM
Halo smart interface bracket 227156	✓	✗	✗
Halo zigbee booster 221132	✓	✓	✓

HALO WI-FI

HELPING TO REDUCE ENERGY CONSUMPTION



THE 'IDEAL COMBINATION'

We have an intimate understanding and control of our boilers and thermostats, so they are designed to work perfectly together. This maximises boiler efficiency, reducing gas use, whilst also maximising comfort.

The Halo range of thermostats is available for all Logic and Vogue boiler ranges.

By combining the Logic2 Combis with a Halo Combi Wi-Fi thermostat increases the boiler efficiency as follows:



THE ERP RATING INCREASES FROM A TO AN A+

This increase in ErP efficiency is achieved by Halo optimising boiler performance depending on the weather, occupancy and several other factors. This ultimately reduces energy consumption and saves money.

BOILERS & SMART CONTROLS FROM ONE MANUFACTURER



VOGUE MAX



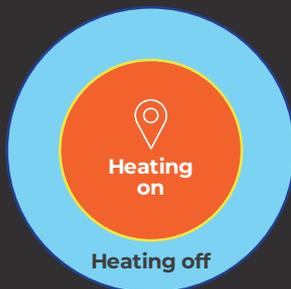
LOGIC² MAX



ENERGY SAVING FEATURES OF HALO WI-FI

FUEL ISN'T WASTED HEATING AN EMPTY HOUSE

Halo Wi-Fi's geolocation feature uses the location feature* on the customer's mobile phone to tell when they have left or returned home based on them entering or exiting a pre-set radius of their address, which can be set in the app.



The customer doesn't have to manually switch their Halo on or off or rely on a set schedule, Halo will automatically turn the heating off. This saves the customer money by not heating a house when they are not in which would waste fuel.

Ideal for busy families, shift workers or those who do not have a fixed routine. It doesn't matter if they are late home or back early, the heating will stay off until they return or come on as they are detected coming home. Multiple phones can be linked to the Halo app, so the heating goes off when the last person leaves the house and comes back on with the first one arrives home.

FLEXIBLE TIMINGS AND TEMPERATURES TO REDUCE ENERGY CONSUMPTION

A customer can set up heating schedules to suit their lifestyle with different temperatures throughout the day depending on their preference, rather than been limited to a single set temperature with a temperature only thermostat.



Heating schedules can reduce energy consumption as customers can turn the temperature down/off based on their routine e.g. if they're out at work all day, then they can turn the temperature down/off. These heating schedules can be easily amended and overwritten within the app.

ENERGY USED MORE EFFICIENTLY

Enhanced load compensation is an energy efficiency feature that aides compliance with Boiler Plus in replacement combi installations. It measures the gap between the room temperature and the target temperature then modulates the boiler so that it only uses as much fuel as necessary to close the gap.

ENERGY USED MORE EFFICIENTLY ACROSS TWO HEATING ZONES

There is a 2-zone extension kit available for the Halo Wi-Fi range, meaning a customer can split their home into two separate zones of heating. This allows the customer to have an even more tailored heating experience, whilst potentially saving them money through different timing and heating temperature combinations.

A unique feature of the Halo 2-zone extension kit is that both zones benefit from load compensation. In many zones systems the second zone is controlled through an on/off signal, but Halo ensures that both zones are controlled in the most efficient way possible.

MORE EFFICIENT BOILER OPERATION SAVING FUEL

Halo Wi-Fi uses the internet to source local weather forecast data from the Met Office to support weather compensation. If an internet connection is lost, the forecasted weather data is stored for the next 7 days and Halo continues to compensate for the weather until an internet connection is re-established.

OTHER CONSUMER BENEFITS

SMART SUPPORT

In the event of an issue occurring, Ideal Heating's Customer Services team can dial into a customer's Halo Wi-Fi to review the settings as well as checking both Halo and boiler fault codes. This data insight can help in diagnosing an issue to get it resolved quicker and more efficiently.

FREE STAND

Every Halo RF and Wi-Fi comes with a stylish and high-quality stand as standard, instead of the customer having to buy one separately, saving them money after installation.



Visit our YouTube channel for introduction and self-help videos for the Halo range, simply scan the QR code





Customer Service:

01482 498660

Technical Help:

01482 498663

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idealheating.com |     

**EXPERTS IN
HEATING**