# ideal
### HEATING

# LOGIC+ HEAT²

## 12 15 18 24 30kW
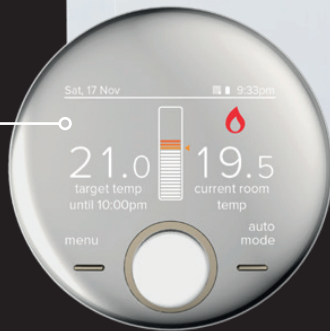
**H₂**
HYDROGEN
READY

Compact cupboard fit

**kg**

Low lift weight

Enhance boiler performance with Halo

**7**
**YEAR WARRANTY***

NOx class 6

Frost protection

Large colour screen and simple user interface

MADE IN THE UK

Made in the UK

Sat, 17 Nov

21.0 target temp until 10:00pm

19.5 current room temp

menu          auto mode

A++
A+
A          A
B
C
D
E
F
G

Good Housekeeping
READER RECOMMENDED
UK 2023

**idealheating.com**  |  🐦 f 📷 ▶ in

# Features & specification

## END USER BENEFITS

- Award winning range
- Service indication
- Compatible with a range of additional controls inc. weather compensation and our Halo range plus other OpenTherm controls
- LPG conversion kits available for most kW outputs
- Large output range 12 - 30Kw
- New front cover with larger colour screen

## EASY TO INSTALL

- Honeywell gas valve
- Built in frost protection
- Designed, developed and made in the UK
- 7 year warranty as standard
- Compact cupboard fit
- Stand-off kit
- Wide range of flueing options
- Direct 80mm diameter rear flue option
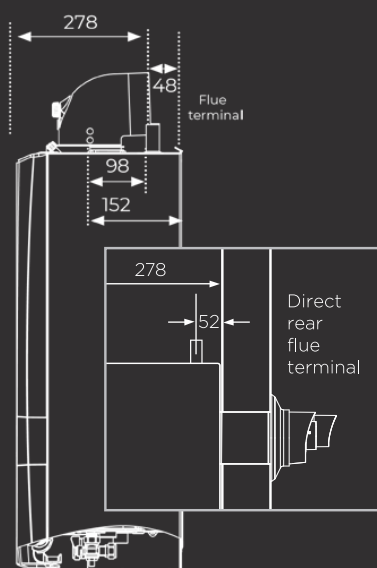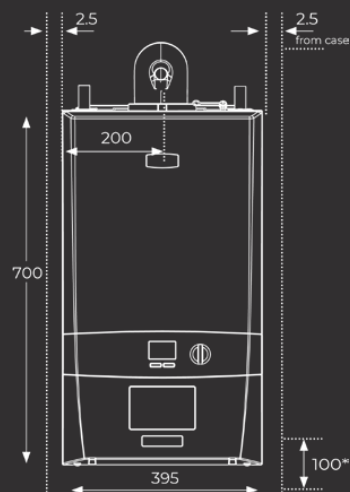- Top system connections
- Wiring centre can accommodate a variety of cable thicknesses including 5-core cable with simple screw bridge clamps for fixation
- QR codes linked to 'how to' videos in the instruction manual

## EASY TO SERVICE AND MAINTAIN

- Fully serviceable from the front
- Single dual-purpose spark and detection electrode
- Easier servicing due to the reduced number of gas connections
- Simplified installer menu

## Clearances & dimensions



Dimensions in mm.

## Technical specification

| LOGIC+ HEAT² MODELS | 12 | 15 | 18 | 24 | 30 |
|---|---|---|---|---|---|
| Weight( Packaged) kg | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| Max Installation weight kg | 21.9 | 21.9 | 21.9 | 21.9 | 21.9 |
| CH Output(kW) min /max mean 70°C | 4.8-12.0 | 4.8-15.0 | 4.8-18.0 | 4.8-24.2 | 6.1-30.3 |
| CH Output(kW) min /max mean 40°C | 5.1-13.0 | 5.1-15.9 | 5.1-19.1 | 5.1-25.6 | 6.4-31.0 |
| SEDBUK rating  (2005)% | 91.1 | 91.2 | 91.1 | 91.2 | 91.1 |
| SEDBUK rating  (2009/2012 )% | 89.4 | 89.4 | 89.7 | 89.7 | 89.6 |
| NOx  Classification | Class 6 | Class 6 | Class 6 | Class 6 | Class 6 |
| LPG conversion | No | No | Yes | Yes | Yes |
| Max Horizontal flue | 9m | 9m | 9m | 9m | 9m |
| Max Vertical Flue | 7.7m | 7.5m | 7.5m | 7.5m | 7.5m |
| Seasonal space heating  efficiency class | A | A | A | A | A |
| Seasonal space heating energy efficiency μs % | 93 | 93 | 94 | 94 | 93 |
| Sound power level indoors LWA Db | 36 | 42 | 44 | 50 | 50 |
| Sound power level, indoors Lwa dB(A) | 36 | 38 | 41 | 47 | 49 |

Clearances & dimensions notes: **The minimum front clearance when built into a cupboard is 5mm from the cupboard door but 450mm overall clearance with the cupboard door open is required for servicing. *Bottom clearance after installation can be reduced to 5mm. However, 100mm is required for servicing. ***Rear flue option - top clearance 100mm.

IHD_Logic+_Heat_Spec_Sheet_V2