



LOGIC SYSTEM.

S15 S18 S24 S30

HIGH EFFICIENCY SYSTEM BOILERS

The Logic System range of appliances from Ideal provide a simple and reliable solution for a wide variety of sealed domestic systems.



KEY FEATURES

- Easy to see pressure gauge
- Large backlit display with user friendly controls
- Low lift weight (26.1kg)
- Low component count maximising reliability
- OpenTherm ready
- Fully modulating operation down to 4.8 kW*
- Weather compensation kit option

RELIABLE

- Energy Saving Trust endorsed
- NOx Class 5
- Boiler frost protection
- Built-in condensate trap
- Latest generation Honeywell gas valve
- Two stage flame sensing for better reliability

EASY TO INSTALL

- Compact cupboard fit
- Wide range of flueing options
- Concealed pipe connections
- Preformed copper tails
- LPG Conversion kit available
- Stand off kit and pre-pipe options
- Pre-wired mains lead
- Easy Access to PRV and AAV
- Universal condensate connection

WEATHER COMPENSATION KIT

Part No. 216119

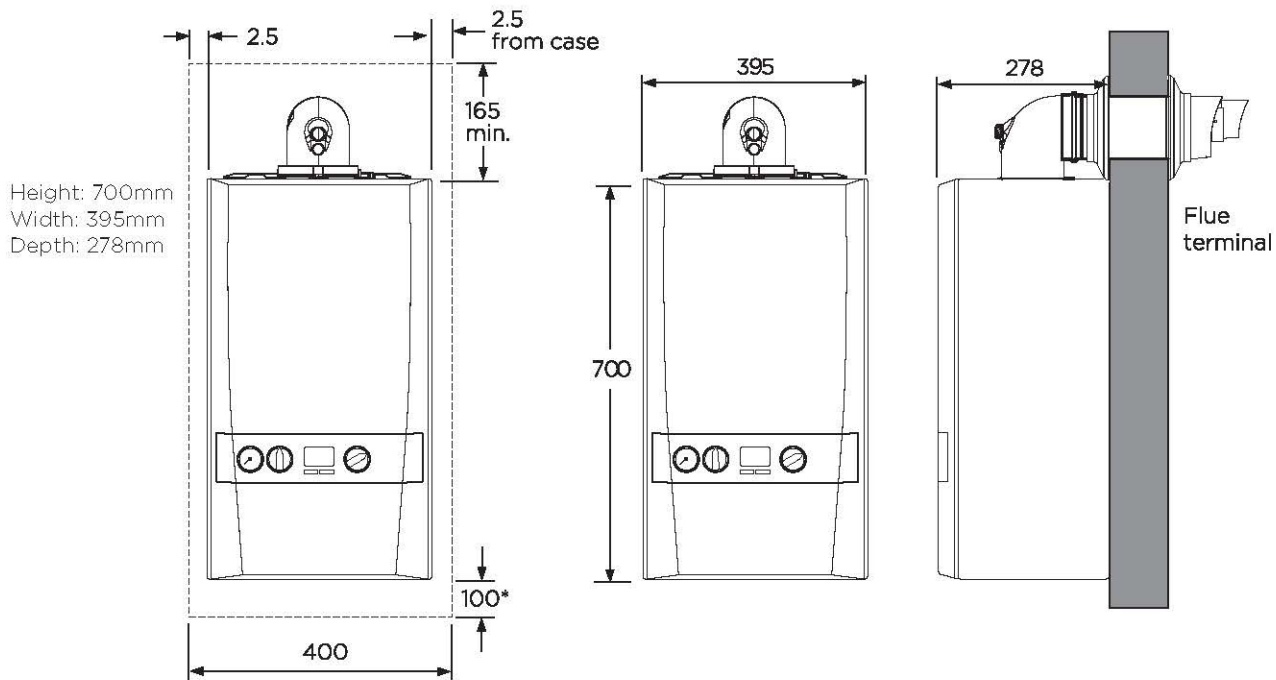
LPG CONVERSION KIT

Part No. (S30) 215745



CLEARANCES & DIMENSIONS.

DIMENSIONS IN MM



Note: The minimum front clearance when built in to 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.

TECHNICAL SPECIFICATIONS.

BOILER MODEL	S15	S18	S24	S30
Weight (packaged) kg	31.5	31.5	31.5	31.5
Max installation weight kg	26.1	26.1	26.1	26.1
CH output (kW) min/max mean 70°C	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 - 15.9	5.1 - 19.1	5.1 - 25.6	6.4 - 31.0
DHW output (kW) max	n/a	n/a	n/a	n/a
DHW flow rate l/min. 35°C rise	n/a	n/a	n/a	n/a
SEDBUK rating (2005) %	91.2	91.1	91.2	91.1
SEDBUK rating (2009/2012) %	89.4	89.7	89.7	89.6
NOx classification	CLASS 5	CLASS 5	CLASS 5	CLASS 5
Convert to LPG	No	No	No	Yes
Max horizontal flue	9m	9m	9m	8m
Max vertical flue	7.5m	7.5m	7.5m	7.5m
Powered vertical flue	22m	22m	22m	22m
Condensing boiler	Yes	Yes	Yes	Yes
Seasonal space heating efficiency class	A	A	A	A
Rated heat output kW	15	18	24	30
Seasonal space heating energy efficiency η_s %	93	93	94	93
Sound power level, indoors L _{wa} dB	44	46	48	48
Water heating energy efficiency class	n/a	n/a	n/a	n/a

Multiple flue kits available.