

Club HE 18

SEALED SYSTEM CONDENSING BOILER



- Suitable for sealed CH system and DHW (when using a separate hot water cylinder)
- Supplied with standard fitted pump, expansion vessel and pressure relief valve
- CH output: 18kW (61,500 Btu/h)
- Anti-plume kit options
- Long flueing lengths: 5m (H) 12m (V)
- Robust stainless steel heat exchanger
- Easily accessible plumbing and wiring
- Additional 90° bend copper 'pipe tails' supplied with CLUB HE to make plumbing connections significantly easier
- Improved wall fixing bracket with additional 'side guides' and integral 'bubble vessel' makes boiler location and installation faster and more accurate



 halstead

simplicity in heating

CLUB HE 18 FLUE KITS

CLUB HE 18 CAN BE INSTALLED IN A WIDE RANGE OF DOMESTIC APPLICATIONS. IN ADDITION TO THE COMMON HORIZONTAL AND VERTICAL FLUE SYSTEMS FAMILIAR TO MOST, WE HAVE ALSO DEVELOPED A RANGE OF FLUE SYSTEMS DESIGNED TO OVERCOME THE POSSIBLE NUISANCE CAUSED BY FLUE PLUMBING. THESE KITS ARE DETAILED BELOW.

KIT A PLUS **TELESCOPIC HORIZONTAL FLUE KIT 956120**
Standard flue length 430-615mm
Maximum flue length 5m

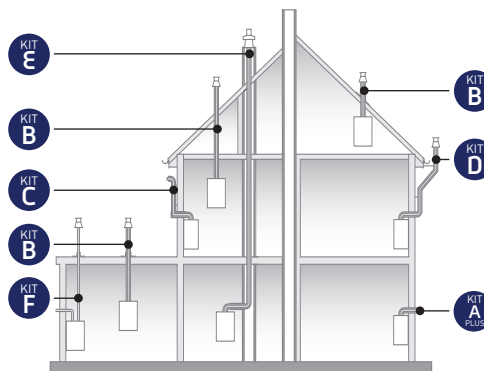
KIT B **STANDARD VERTICAL FLUE 956081**
Standard flue length 600mm
Maximum flue length 12m

KIT C **RAISED EXTERNAL FLUE OUTLET 956084**
Standard flue length 1100mm
Maximum horizontal 5m and 1m vertical
Maximum vertical 8.5m and 1m horizontal

KIT D **EXTERNAL VERTICAL FLUE 956085**
Standard flue length 2.3m
Maximum flue length 6.5m

KIT E **CHIMNEY FLUE LINER 956082**
Flexi tube available in lengths of:
10m 956110
20m 956111
30m 956112
Maximum flue length 30m

KIT F **SPLIT PIPE VERTICAL FLUE OUTLET 956080**
Standard flue length 2.7m
Maximum flue length 30m

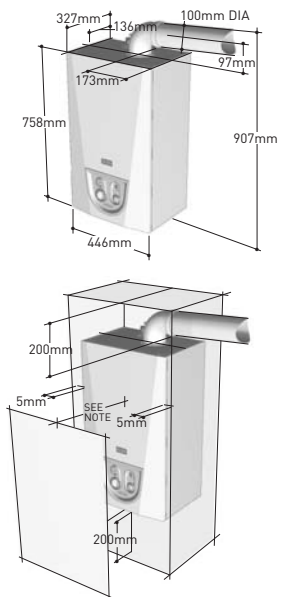


For flueing accessories, see price list or product and flue guide.



PLUME DIVERTER KIT 956103
For use with Kit A Plus only.

OVERALL DIMENSIONS AND MINIMUM CLEARANCES



NOTE: 5mm for normal operation.
450mm for installation and servicing.

CLUB HE 18 TECHNICAL SPECIFICATIONS

PERFORMANCE DATA

| APPLIANCE | CLUB HE 18 | | |
|---|------------|--|---------------|
| MODE | Rate | | |
| Central Heating Output (non-condensing) (80 - 60°C) | Max | kW (Btu/h) | 18.0 (61,500) |
| | Min | kW (Btu/h) | 5.4 (18,400) |
| Central Heating Output (condensing) (50 - 30°C) | Max | kW (Btu/h) | 19.7 (67,300) |
| Central Heating Input Max Rate | Net | kW (Btu/h) | 18.4 (62,800) |
| | Gross | kW (Btu/h) | 20.4 (69,700) |
| Central Heating Input Min Rate | Net | kW (Btu/h) | 5.6 (19,100) |
| | Gross | kW (Btu/h) | 6.2 (21,200) |
| Central Heating Gas Rate (after 10 min operation - hot) | Max | m ³ /h (ft ³ /h) | 1.95 (68.9) |
| Seasonal Efficiency | % | | 90.1 |
| Seasonal Efficiency (SEDBUK) | Band | | "A" |
| NOx Classification | Class | | "5" |

GENERAL

| APPLIANCE | CLUB HE 18 | |
|--|------------|---|
| Total weight (full) | kg | 44.1 |
| Total weight (empty) | kg | 42.0 |
| Max lift weight | kg | 41.0 |
| Total water capacity | ltr | 1.8 |
| Integral expansion vessel capacity | ltr | 8 |
| Maximum heating system water content using fitted expansion vessel, @ 0.75 bar | ltr | 84 |
| Electrical supply | | 230V 50Hz Fuse at 3A |
| Internal fuse | | T4H 4A 250V |
| Maximum power consumption | W | 106 |
| IP Rating | | IP20 |
| Flue gas temperature at 50/30 | °C | 53 |
| CO ₂ value max rate | % | 9.2 ± 0.3 case on 9.0 ± 0.2 case off |
| CO ₂ value min rate ref only | % | 8.6 +/- 0.3 |
| CO/CO ₂ ratio max rate | | 0.0011 + 0.0014 |
| Flue products mass flow rate | g/s | 14.7 |
| Gas Valve Offset @ min rate | Pa | -5 |
| Min Central Heating System Pressure | Bar | 0.5 |
| Max Central Heating System Pressure | Bar | 3.0 |
| Max Central Heating Flow Temperature | °C | 80 |
| Min Central Heating Flow Temperature | °C | 30 |

WARRANTY CONDITIONS

2 YEAR PARTS AND LABOUR WARRANTY ON ALL COMPONENTS

Subject to: 1. Registration of installation. 2. Satisfactory completion of Benchmark logbook. 3. Service after 12 months by Corgi registered engineers.

CONNECTIONS

| | |
|------------------------------|------------------------------------|
| Gas | 15 mm compression |
| CH flow | 22 mm compression |
| CH return | 22 mm compression |
| Pressure relief valve outlet | 15 mm compression |
| Condensate Drain | 21.5 - 22 mm plastic overflow pipe |

British Gas Service Listed
Gas Council Numbers

CLUB HE 18 G.C. No. 41-260-20



EC 87/90/44

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Halstead Boilers is continuously improving its products and may therefore change specifications without prior notice.
The statutory rights of the consumer are not affected.

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FOR ALL TELEPHONE ENQUIRIES CALL: 0844 371 1111