



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

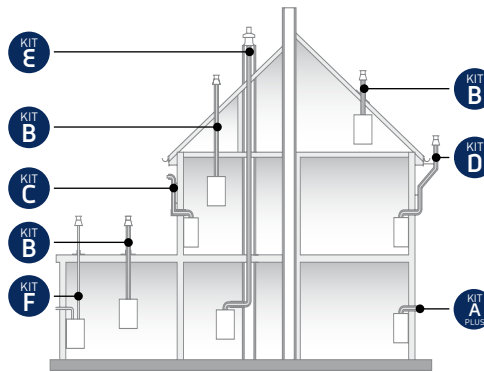


**GLEN DIMPLEX
BOILERS**

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

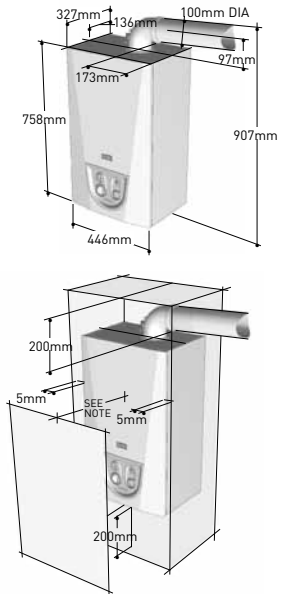


For flueing accessories, see price list or product and flue guide.



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				GENERAL			
APPLIANCE				APPLIANCE			
MODE				Club HE 18			
Central Heating Output (non-condensing) (80 - 60°C)	Rate		Club HE 18	Total weight (full)	kg	44.1	
	Max	kW (Btu/h)	18.0 (61,500)	Total weight (empty)	kg	42.0	
Central Heating Output (condensing) (50 - 30°C)	Min	kW (Btu/h)	5.4 (18,400)	Max lift weight	kg	41.0	
	Max	kW (Btu/h)	19.7 (67,300)	Total water capacity	ltr	1.8	
Central Heating Input Max Rate	Net	kW (Btu/h)	18.4 (62,800)	Integral expansion vessel capacity	ltr	8	
	Gross	kW (Btu/h)	20.4 (69,700)	Maximum heating system water content using fitted expansion vessel, @ 0.75 bar	ltr	84	
Central Heating Input Min Rate	Net	kW (Btu/h)	5.6 (19,100)	Electrical supply	230V 50Hz Fuse at 3A		
	Gross	kW (Btu/h)	6.2 (21,200)	Internal fuse	T4H 4A 250V		
Central Heating Gas Rate (after 10 min operation - hot)	Max	m ³ /h (ft ³ /h)	1.95 (68.9)	Maximum power consumption	W	106	
				IP Rating	IP20		
Seasonal Efficiency	%	90.1		Flue gas temperature at 50/30	°C	53	
Seasonal Efficiency (SEDBUK)	Band	"A"		CO ₂ value max rate	%	9.2 ± 0.3 case on 9.0 ± 0.2 case off	
NOx Classification	Class	"5"		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



0086
EC 87/B0/44

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



**GLEN DIMPLEX
BOILERS**

Glen Dimplex Boilers, Stoney Lane, Prescot, Merseyside L35 2XW

For all telephone enquiries call: 0844 371 1111

Website: www.glendimplexboilers.com

Glen Dimplex Boilers, based in Prescot Liverpool, manufactures and markets a range condensing gas boilers and supporting accessories. Part of the Glen Dimplex Group, the company has more than 35 years of manufacturing and boiler experience backed-up by the award winning Glen Dimplex Home Appliances Customer Care Centre, that controls a nationwide network of service engineers and a service and technical helpline. Products include: Dimplex, a range of advanced design boilers; Eden X Type and ACE, providing variable heating outputs and easy installation; Edensol, a solar thermal hot water package and Aquastore, an unvented cylinder for powerful, mains-pressure hot water.

Glen Dimplex 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