

GAS BOILERS

Simplicity,
immediate,
comfort...

Calydra Comfort

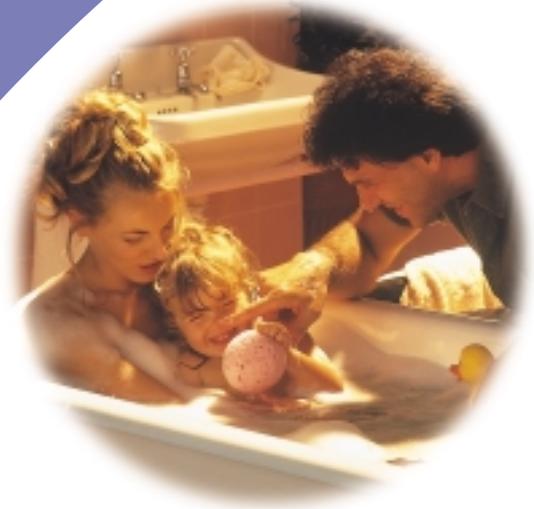
Wall-hung combination boiler
with mini-storage



C&M
CHAFFOTEAUX & MAURY

Calydra Comfort

immediate response



The **Calydra Comfort**, essentially designed for use in family homes. It's as economical as a standard combination boiler but with added comfort.

A new generation of boiler: incorporating a mini-storage cylinder

Thanks to the Temperature Stabilising System TSS®, an exclusive innovation perfected in the laboratories of Chaffoteaux & Maury, Calydra Comfort heralds a new generation of heating and hot water appliances.

For a cost close to that of a combination boiler offering instantaneous hot water, it is possible to benefit from the additional comfort of stored hot water.

- 17 litres/minute at 38°C* available immediately
- Stable temperatures even when two taps are operated simultaneously

In addition, Calydra Comfort offers efficient and versatile heating, adaptable to all weather conditions and easily controllable for all domestic situations. Calydra Comfort is designed to integrate harmoniously with all interior design styles and its size offers flexibility in installation. It has the same dimension as a standard Britony Combi SE and will happily sit alongside fitted kitchen furniture.

* Output from a Calydra Comfort 100 and mixing with cold water at 15°C.



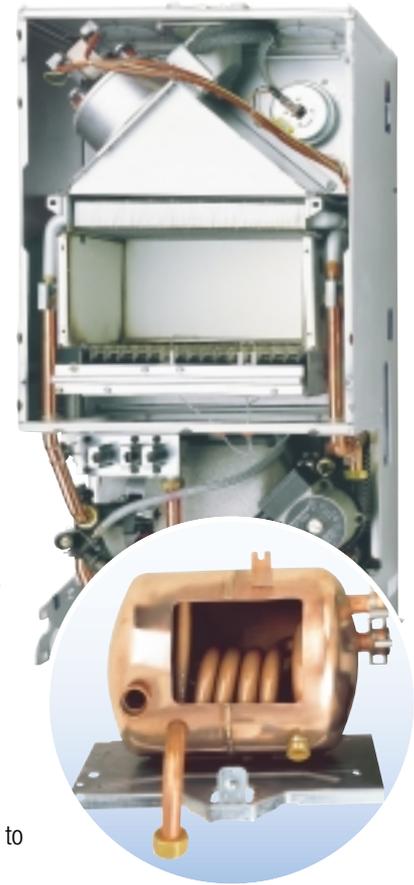
Designed for performance

A combination boiler that delivers

- Thanks to the TSS[®], Calydra Comfort immediately supplies hot water as soon as a tap is opened.
- A standard combination boiler requires a flow rate of at least 2 litres a minute or more to fire up therefore using energy unnecessarily.
- In the event of another demand for hot water being made simultaneously, Calydra Comfort eliminates any temperature variation.
- Calydra will take the hot water from the mini-cylinder for light usage which saves money.
- When only a minimal amount of hot water is required, Calydra Comfort's gas output runs at 30% of its maximum to save on costs.
- Even with all of these benefits, Calydra Comfort has the dimensions as a standard combination boiler.

Simple to use

- From installation to daily use, the Calydra Comfort range has been developed to make life easier.
- Easy to use temperature controls for both heating and hot water give precise adjustment at the owner's finger tips.
- Optional integral timers have been chosen for clarity and adjustability.



Maximum reliability

- The key areas of the boiler have been designed to provide maximum reliability.
- With fewer moving parts and no restrictions in waterways, reduced stress on key components ensures an extended working life.
- Advanced composites are used to construct key areas of the boiler, to avoid joints and allow for a compact design.

Simple to install

- The Calydra Comfort comes factory set ready for installation, with many features to assist the heating engineer and save time and money on site.
- A complete package includes pre-installation jig, copper tails, power fly lead, easy fit flue and optional pipework changeover kits and simple plug-in time clock.
- The Calydra Comfort can be used with 5 flue options, providing flexibility in choice of location.
- A separate spacer kit is available to enable pipework to be run up behind the boiler allowing pipes to be hidden from view.
- All components can be reached from the front of the unit for maintenance, allowing the unit to be easily installed between kitchen cabinets.
- As no compartment ventilation is required the Calydra Comfort is also perfect for locating inside cupboards.



CALYDRA COMFORT

Technical Specification

MODEL	Calydra Comfort 100	
HEAT INPUT MAX	kW - Btu/h	34.6 - 117,900
HEAT INPUT MIN	kW - Btu/h	15.4 - 52,500
HEAT OUTPUT MAX	kW - Btu/h	28 - 95,500
HEAT OUTPUT MIN	kW - Btu/h	12.5 - 42,600
SEDBUK RATING	Band	D
CENTRAL HEATING TEMPERATURE MIN/MAX	°C	35/85
DOMESTIC HOT WATER TEMPERATURE MIN/MAX	°C	40/60
D.H.W. FLOW RATE $\Delta T=35^{\circ}\text{C}$	l/min	11.9
D.H.W. FLOW RATE $\Delta T=35^{\circ}\text{C}$	gal/min	2.62
FLOW LIMITER RATE	l/min	8
DOMESTIC HOT WATER PRESSURE MIN/MAX	bar	0.5/10
BUILT-IN EXPANSION VESSEL CAPACITY	l	6
BUILT-IN EXPANSION VESSEL PRE-CHARGED PRESSURE	bar	0.7
MAXIMUM HEATING PRESSURE	bar	3
ELECTRICAL SUPPLY	V/Hz	230/50
POWER CONSUMPTION	W	150
PROTECTION GRADE OF ELECTRICAL SYSTEM	IP	X4D
INTERNAL FUSE RATING F1/F2	A	2/1.25
EXTERNAL CONTROLS	V	24
G.C. NUMBER		47-980-23

Connections

	Tails provided mm
I Safety valve outlet	
J Central heating flow (3/4" M)	22
K D.H.W. outlet (1/2" M) (Combi versions only)	15
L Gas inlet (3/4" M)	22
M D.H.W. inlet (1/2" M) (Combi versions only)	15
N Central heating return (3/4" M)	22

Guarantee

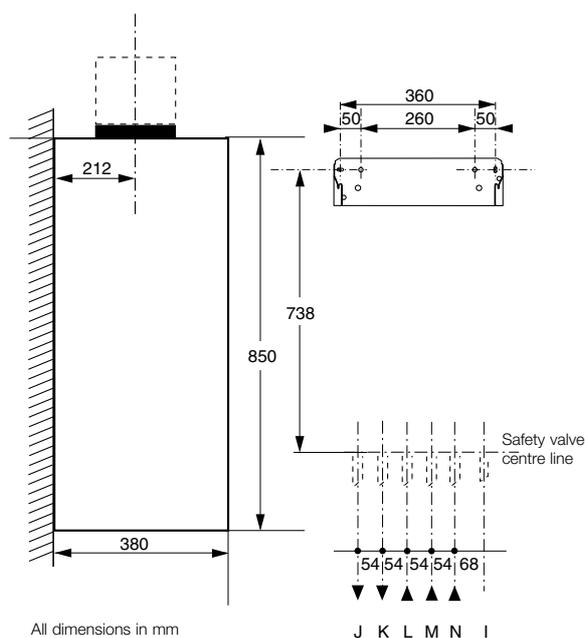
Calydra Comfort appliances are covered by a comprehensive parts and labour guarantee, operating from the date of purchase. An annual Extendable Guarantee is available at the time of purchase at an additional cost.

Service

A guarantee service is carried out by our nationwide network of Service Agents who can normally respond within 24 hours from the receipt of a call. A list of Approved Service Agents is available on request.

Spares

A comprehensive selection of spare parts is carried by our Approved Spares Stockists located throughout the UK.



All dimensions in mm

- I Safety valve outlet
- J Central heating flow
- K D.H.W. outlet
- L Gas inlet
- M D.H.W. inlet
- N Central heating return

Outer case dimensions :
 - Width : 440 (minimum space required 450)
 - Height : 850
 - Depth : 380



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