

SWIMMING POOL & SPA GAS CONDENSING HEATERS

MBC100 & MBC100PLUS



FEATURES

- The MBC100 is a new design of pool heater which also produces hot water for radiators etc
- The MBC100PLUS version also produces instantaneous hot water for showers etc
- Mounted on a self-supporting frame, the heater is suitable for free standing or wall fixing
- Pool temperature is displayed in Centigrade or Fahrenheit
- CE marked & tested to the Boiler Efficiency Directive EN483
- Complies with section L of the 2002 Building Regulations
- 92% efficiency equals a gas consumption reduction of 15% compared to non-condensing pool heaters
- Fanned balanced flued heaters requires no external ventilation
- Extensive alternative flueing options available
- CCP02 pool controller for Quick-Fit installation available for this heater

With up to 92% efficiency the Certikin Condensing Pool Heater is "Energy Efficiency Recommended" by the Energy Savings Trust.

Featuring a state of the art electronic control panel created especially for pool heating and central heating applications, which is easy to use and includes an accurate display of pool temperature.



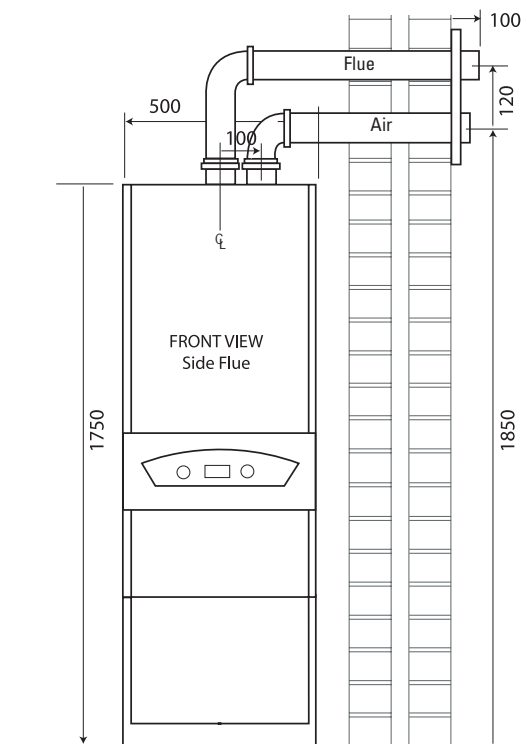
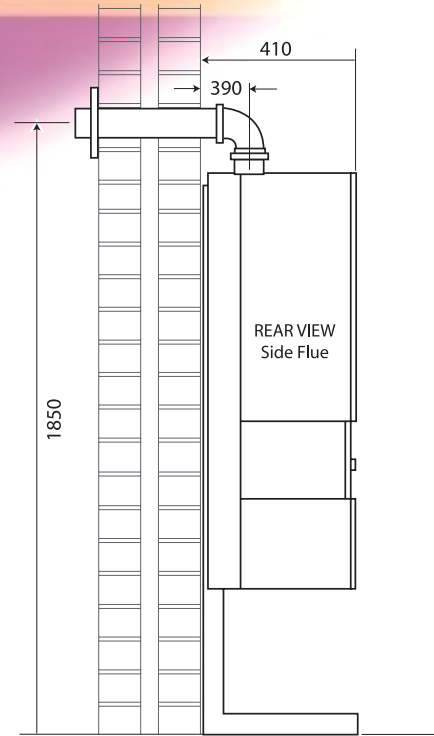
Designed &
Manufactured in the UK

GAS CONDENSING HEATER

The "100" range pool heaters are all fanned balanced flued heaters and require no external ventilation

Specifications

- Pool water in & out - 1½" plastic pipe
- Gas - 15mm copper
- Sealed system pressure relief valve - 15mm copper
- Sealed system fill / drain point complete with filling loop - 15mm
- Electricity - supplied with 13 amp plug and 2.5 metres of cable
- Space heating ie. radiators - 22mm copper compression
- Condensate drain - 21.5mm Polypipe plastic overflow pipe
- Domestic hot water - 15mm copper (MBC100PLUS only)
- Flues - push fit 80mm plastic - supplied with 1 metre horizontal system
- Extensive flue options
- Casing - polyester powder coated on 1mm zinc coated steel
- CE marked - complies with directives GAD, BED, EMC, LVD
- Diagnostics - full diagnostic controls
- Domestic hot water - 9 litres per minute (MBC100PLUS only)
- Flueing - fanned twin 80mm balance flue
- Frost protection - 2 stage
- Fuel - natural gas only
- Installation - for indoor installations
- Internal pump - Grundfos 15/60
Output - 80,000 BTU (23.5kW)
- Pool heat exchanger - Bowman cupronickel / bronze
- Pool temperature display - Fahrenheit or Centigrade
- Pool temperature control - plus or minus 0.2° accuracy
- Suitable for seawater / salt chlorinated pools
- Sealed system - 10 litre expansion vessel
- Temperature control - electronic via a knob with adjustable fixed stop
- Ventilation requirements - none



Service Access
Front: 450mm Above: 30mm Sides: 30mm

The Boiler

A Condensing Boiler produces a low temperature plume from the plastic flue terminal rather than hot flue gases. Condensing boilers produce about 2 litres of harmless condensate per day. This can easily be disposed of via standard overflow pipework.

If you should require further technical information please do not hesitate to contact us.

