

THE MINIMASTER 110



- Direct fired Water Heater
- Compact, low profile
- Energy efficient
- Choice of fuels
- Scale shedding heat exchanger
- Easily maintained for long life



BRITISH MADE

APPLICATIONS

Small Hotels and Motels.
Nursing homes.
Public houses, Clubs and
Sports centres.
Factory washrooms and showers.
Holiday camps and Caravan parks
*...and wherever low cost, reliable,
on-demand hot water is required.*

SAMPLE SPECIFICATION

"Model 110 Minimaster direct fired hot water generator by Beaumont Water Heaters having an output of 29.3kW, nominal storage capacity of 273 litres and a recovery rate of 560 l/h through a 45°C rise. Complete with a natural gas pressure jet burner and electronic digital thermostat. The recommended minimum standby flow rate through the unit is 0.25 l/s. All as manufactured by Beaumont Water Heaters

OPTIONS

Details on request.

- Extra section for greater storage
- Special coating on hydraulic components for flow temperatures higher than 80°C.
- All stainless steel construction for special applications.
- Skid mounted and weatherproofed for external use.



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THE BEAUMONT MINIMASTER 110

A compact factory assembled hot water generator equipped with a single pressure jet burner for gas, LPG, oil, or biodiesel firing.

TROUBLE FREE INSTALLATION

Components will pass through a standard door opening. The casing comes protected in a flat-pack and is quickly fitted to the unit on site resulting in a neat installation.

LONG LIFE

All hydraulic components are protected by a tough polypropylene based coating and the purpose designed stainless steel heat exchanger sheds scale during normal operation. Regular servicing by Beaumont trained engineers includes loose scale removal to ensure a length of service unsurpassed by other makes of water heater.

LONGER LIFE

Long after the payback period has ended the units can be completely refurbished at a fraction of the replacement cost, to extend their life even further.

ENERGY EFFICIENT

Direct firing is the most energy efficient method of heating large volumes of hot water and this, coupled with the control of the accurate integral electronic digital thermostat, provides a high thermal transmission efficiency of 80%.

| TECHNICAL DATA | | SI UNITS |
|---|---------------|------------------------|
| Number of sections | | 1 |
| Output | | 29.3 kW |
| Recovery @ 45°C /80°F rise | | 560 Litre/h |
| Nominal storage capacity | | 273 Litre |
| Maximum flow temperature (Standard polypropylene coating) | | 80°C |
| Secondary flow & return connections | | 40mm |
| Weight | Dry | 350 kg |
| | Full | 622 kg |
| Flue Size | | 100 mm |
| Flue conditions negative draught | minimum | 12.5 Pa |
| | maximum | 37.5 Pa |
| Fuel consumption | Gas (max) | 3.40 m ³ /h |
| | Oil (max) | 3.46 litre/h |
| Fuel connection | Gas | 1/2" BSP |
| | Oil | 3/8" BSP |
| Fuel inlet pressure | Gas (min) | 1750 Pa |
| | Gas (max) | 3000 Pa |
| | Oil (max) | 0.345 bar |
| Electrical rating | Voltage | 240 Vac 1ph. 50hz |
| | Start Current | 1.2 Amp. |
| | Run Current | 0.5 Amp. |
| Overall dimensions | Width | 760 mm |
| | Depth | 1550 mm |
| | Height | 810 mm |

For recovery rates of up to 5598 litres per hour (at 45°C rise) see the twin burner Energymaster range brochure.