



BEAUMONT
DESIGNED FOR A LIFETIME OF
RELIABILITY & EFFICIENCY

THE MINIMASTER 110



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



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 (UK) Ltd. 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 (UK) Ltd".

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.