

# External Oil & Gas Cabinet Heaters

High performance low cost warm air heating



**BENSON  
HEATING**



Vertical Heater



Horizontal Heater

Comfort and Warmth When and Where Needed

Fuel Efficiency Assured

Building Regulation, ECA & CE Compliant Models

Controlled Automatic Operation

Fully Weatherproofed and IP Rated

Extended Guarantees



All Heaters  
Part L2B Compliant

[www.bensonheating.com](http://www.bensonheating.com)

## External Oil & Gas Cabinet Heaters

Benson external cabinet heaters are fully weatherproofed and built to the same exacting standards as their internal counterparts. Design experience accumulated over more than forty years has combined with modern computer integrated technology to provide a range of cabinet heaters renowned for robust construction, reliability and economy.

### Technical Data

Model		100	125	150	200	250	300	400	500	600	700	800	1000	1200	1300		
Output	kW	29	36	43	58	73	86	117	132	177	205	235	284	350	381		
ECA Approved		✓	✓		✓	✓		✓	✓	✓		✓	✓	✓			
Electrics	Std	230/1/50						415/3/50									
	Optional	n/a			415/3/50			230/1/50			n/a						
Overall Dimensions	Vertical	Height	mm	1665	1665	1665	1915	1915	1915	2040	2040	2140	2140	2125	2125	2712	2712
		Width	mm	660	660	660	660	660	660	740	740	916	916	1100	1100	1244	1244
		Depth	mm	1165	1165	1165	1430	1430	1430	1590	1590	2200	2200	2400	2400	2550	2550
	Horizontal	Height	mm	n/a	n/a	n/a	1960	1960	1960	2085	2085	2185	2185	2170	2170	2757	2757
		Width	mm	n/a	n/a	n/a	1661	1661	1661	1801	1801	2456	2456	2676	2676	2816	2816
		Length	mm	n/a	n/a	n/a	750	750	750	830	830	1006	1006	1440	1440	1590	1590
Nett Weight	Vertical	kg	230	230	230	280	280	280	380	380	595	610	720	735	1200	1200	

Note: Heights excludes supplied flue & cowl

### Specification

**Application:** A range of oil and gas fired cabinet heaters purpose designed for external location and available in both vertical and horizontal configuration. External cabinet heaters are suitable for a wide variety of industrial and commercial applications where space and/or environmental criteria inhibit internal siting.

**Building Regulations & ECA Approval:** All Benson cabinet heaters are designed with fuel efficiency in mind and meet the efficiency requirements of Part L2B of current Building Regulations as well as applicable CE legislation. Additionally most models within the range have been rated to meet the Government's energy efficiency criteria for inclusion into the Enhanced Capital Allowance (ECA) scheme.

**Construction:** The casing is robotically formed from electro zinc coated steel sheet and finished with a durable stove hardened epoxy polyester powder paint to provide an IP44 rated weatherproof monocoque. The combustion chamber/heat exchanger is formed and welded from stainless steel as standard.

**Burner:** High efficiency pressure jet oil or forced draught gas suitable for operation on 35 second light fuel oil, kerosene (most models), natural gas or lpg propane and complete with flame monitoring safety controls.

**Controls:** Heaters are ready for automatic operation being complete with remote time and temperature controls. Benson offers two control options the CP2 incorporating a digital time switch, mechanical day temperature and frost protection thermostats. Alternatively heaters may be specified with a fully optimised CP4 control which includes a secure entry code facility, temperature dependent start time, digital time switch with override facility, electronic day thermostat and frost protection thermostat. Fully optimised control obligatory for ECA applications. Both options provide 'fan only' operation for summer air movement.

**Air Distribution:** Air movement is effected via a powerful centrifugal fan set. Each heater is provided with a duct spigot type outlet whilst return air can be re-circulatory via a duct spigot or fresh air via a weather-louvre.

**Testing:** Every heater is individually inspected, test fired and safety function tested prior to despatch.

**Guarantee:** Benson heaters are provided with one of the most comprehensive guarantee packages available -

**Year One:** Parts and labour

**Year Two:** Parts

**Ten Year:** Combustion chamber heat exchanger warranty



BENSON HEATING

Ludlow Road,  
Knighton  
Powys LD7 1LP

Telephone (main) + 44 (0) 1547 528534  
Facsimile (main) + 44 (0) 1547 520399  
Telephone (sales) + 44 (0) 1547 529245  
Facsimile (sales) + 44 (0) 1547 529195  
e.mail information@bensonheating.co.uk  
sales@bensonheating.co.uk  
exportsales@bensonheating.co.uk



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