

Oil & Gas Fired Cabinet Heaters

High performance low cost warm air heating



**BENSON
HEATING**



Gas Fired Vertical Heater



Oil Fired Vertical Heater



Oil Fired Horizontal Heater

Comfort and Warmth When and Where Needed

Fuel Efficiency Assured

Building Regulation, ECA & CE Compliant Models

Controlled Automatic Operation

Compact Design

Extended Guarantees



All Heaters
Part L2B Compliant

www.bensonheating.com

Oil & Gas Fired Cabinet Heaters

Warm air heating is long proven as a comfortable low cost heating solution for most industrial, commercial and horticultural buildings. 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 | Height | mm | 1890 | 1980 | 1980 | 2230 | 2560 | 2560 | 2745 | 2745 | 2940 | 2940 | 3025 | 3025 | 3782 | 3782 |
| | Width | mm | 660 | 660 | 660 | 660 | 660 | 660 | 740 | 740 | 916 | 916 | 1100 | 1100 | 1244 | 1244 |
| | Depth | mm | 1011 | 1011 | 1011 | 1287 | 1287 | 1287 | 1517 | 1517 | 1895 | 1895 | 2130 | 2130 | 2130 | 2130 |
| Flue Diameter | mm ø | 125 | 125 | 125 | 150 | 150 | 175 | 175 | 175 | 200 | 200 | 225 | 225 | 250 | 250 | |
| Nett Weight | kg | 196 | 196 | 196 | 241 | 243 | 243 | 330 | 332 | 525 | 540 | 630 | 646 | 1090 | 1090 | |

Note: Weights and dimensions refer to vertical heaters only. For details of horizontal and reverse-flow units please contact our sales office

Specification

Application: A range of oil and gas fired cabinet heaters, generally vertical floor mounted but also available in horizontal and reverse-flow configuration suitable for factories, workshops, warehouses, greenhouses and many other commercial premises.

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 scheme.

Construction: The casing is robotically formed from electro zinc coated steel sheet and finished with a durable stove hardened epoxy polyester powder paint whilst the combustion chamber/heat exchanger is formed and welded from 304/316 stainless and grade HR4 steel.

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 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: Via a quiet yet powerful centrifugal fan set with directional nozzles which discharge the warm air directly into the area to be heated. Alternatively a spigot outlet can be provided for ductwork systems with filter and fresh air inlet options available.

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



Benson Heating is a division of the Benson Group of Companies Limited

Guarantees and warranties subject to terms and conditions. It is the policy of Benson Heating to pursue a programme of continuous development. We therefore reserve the right to change models, types, specifications and prices without prior notice. Details are believed to be correct but do not form the basis of any contract or guarantee. All orders accepted subject to our standard Conditions of Sale, copy available on request.