

OUH² Oil Fired Unit Heaters

High performance low cost warm air heating



**BENSON
HEATING**



Axial Fan Oil Unit Heater

Comfort and Warmth When and Where Needed

Fuel Efficiency Assured

Building Regulation, ECA & CE Compliant Models

Controlled Automatic Operation

Space Saving 'Off-Floor' Design

Extended Guarantees



**All Heaters
Part L2B Compliant**

OUH² Oil Fired Unit Heaters

Compact, quiet and yet highly efficient Benson OUH² oil fired unit heaters provide cost effective heating for many commercial and industrial buildings. Offering space saving 'off-floor' mounting OUHA oil unit heaters discharge warmth directly into the space to be heated in a conventional cross-flow manner. OUHC versions are suitable for ducted systems.

Technical Data

Model			100	140	200	250	300	350
Output		kW	31	40	59.	73	88	103
ECA Approved			✓		✓		✓	
Electrics	All	V/ph/hz	230/1/50					
Overall Dimensions	Height	mm	780	780	780	780	980	980
	Width	mm	1050	1050	1475	1475	1750	1750
	Depth	mm	895	895	895	895	1025	1025
Flue Diameter		mm ø	125	125	150	150	175	175
Nett Weight		kg	116	116	177	177	240	240

Note: Weights and dimensions refer to OUHA axial fan units

Specification

Application: A range of suspended oil fired unit heaters with clean aesthetic lines and designed for off-floor mounting providing an ideal solution where space is at a premium. Suitable for showrooms, factories, workshops, warehouses, greenhouses and many other industrial and commercial premises.

Building Regulations & ECA Approval: All Benson OUH² oil unit 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 certain 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 suitable for operation on 35 second light fuel oil or kerosene and complete with flame monitoring safety controls.

Controls: Heaters are ready for automatic operation after the simple connection of 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: OUHA heaters are fitted with powerful axial fans and discharge warm air through an outlet grille which is complete with adjustable horizontal louvres whilst OUHC heaters are designed for ducted applications and are fitted with centrifugal fans.

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

