



## BM2 FORCED AIR SPACE HEATER EC 85

Reference: 02EC104

### BM2 HOT AIR GENERATOR EC 85

BM2 EC85 is an oil-fired hot air generator, with integrated indirect combustion burner, equipped with a heat exchanger that allows the evacuation of fumes through a chimney connected to the outside.

BM2 EC85 thanks to its characteristics, can be used inside closed rooms, on the other hand have a higher cost and an efficiency around 90%, having to calculate, in reduction, the amount of heat evacuated through the chimney.

The BM2 EC85 hot air generator comes complete with:

- Integrated oil burner
- Socket for connection to thermostat, humidistat or timer
- Power supply cable (1.5 m) with plug
- Combustion chamber in stainless steel AISI 430; four smoke passes
- Timed after-ventilation for cooling the combustion chamber
- Electronic flame control
- Overheating thermostat
- Fuel oil feeding hoses in hydrocarbon-resistant rubber with metal mesh covering
- Steel tank
- Bayonet tank closure cap
- Fuel drain plug from tank
- Electric control panel

#### TECHNICAL CHARACTERISTICS BM2 EC85

Phase Type: Single-Phase

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Nominal Thermal Power: 90.6 KW - 77934 Kcal/H - 310177 BTU/H

Power Output: 80.2 KW - 68972 Kcal/H - 274507 BTU/H

Thermal Efficiency (%): 88.5

Air Flow Rate (M<sup>3</sup>/H): 4300

Thermal Heat Gain At 20°C (°C): 77

Fuel Consumption (Kg/H): 7.17

Electrical Power (W): 1140

Combustion Type: Indirect

Fireplace Diameter (mm): 150

Sheath Diameter Air Outlet 1 - 2-Way (mm): 400 - 300

Fuel Tank Capacity (L): 105

Length (mm): 1740

Width (mm): 690  
Height (mm): 1025  
Dry Weight (Kg): 110

Are you looking for a hot air generator with different features? [Here](#) you can find the full range of hot air generators BM2 or other specialized brands

Images and technical data are indicative only and may be subject to revision by the manufacturer.

## Technical Sheet

Phase	Single phase
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Rated heat power	90.6 KW - 77934 Kcal/h - 310177 BTU/h
Output heat power	80.2 KW - 68972 Kcal/h - 274507 BTU/h
Heat efficiency (%)	88.5
Air flow (m <sup>3</sup> /h)	4300
Temperature rise at 20°C (°C)	77
Fuel consumption (Kg/h)	7.17
Power consumption (W)	1140
Ø flue (mm)	150
Ø outlet hose 1 - 2 way (mm)	400 - 300
Fuel tank capacity (L)	105
Length (mm)	1740
Width (mm)	690
Height (mm)	1025
Dry weight (Kg)	110
Type of climate control	Space Heater
Type of combustion	Indirect
Power setting	Set to be connected to a thermostat / timer