



## BM2 FORCED AIR SPACE HEATERS JUMBO 85M (OIL-GAS)

Reference: 02AG121

### BM2 HOT AIR GENERATOR JUMBO 85M (OIL-GAS)

BM2 JUMBO 85M is a single-phase indirect combustion hot air generator, capable of heating very large rooms with the possibility of installing oil, natural gas and LPG burners.

BM2 JUMBO 85M is equipped with an axial fan that complies with ERP 2015 regulations, an excellent compromise in terms of efficiency (93%), silence and prevalence, a feature that is particularly advisable for installations where ducting is required.

BM2 JUMBO 85M is made up of a cover box that allows protection from shocks, dust, water, atmospheric events and a collection tank for oil/condensate.

Burner is equipped with snorkel intake to ensure clean combustion air by connecting with suction sheath from outside. The new heat exchanger combined with the new higher performance fans allow to obtain a thermal efficiency of 92÷93%.

The supporting structure of the machine and the strong fixing brackets allow it to be moved on any surface. The supporting structure of the BM2 JUMBO 85M is composed of removable panels for internal washing, even when the machine is hung up.

#### TECHNICAL FEATURES BM2 JUMBO 85M

Phase Type: Single-Phase  
Fuel: Diesel - GAS  
Frequency (Hz): 50  
Voltage (V): 230  
Nominal Thermal Power: 85.62 KW - 73630 Kcal/H - 294518 BTU/H  
Thermal Power Output: 79.37 KW - 68255 Kcal/H - 273019 BTU/H  
Thermal Efficiency (%): 92.7  
Air Flow Rate (m<sup>3</sup>/H): 7200  
Static Pressure Available: 200 Pa - 20 mm H<sub>2</sub>O  
Thermal Heat Gain At 20°C (°C): 47  
Effective Working Range (M): 45  
Gasoil Consumption (Kg/H): 6.77  
Methane Consumption (m<sup>3</sup>/H): 7.935  
Methane Feeding Pressure (mbar): 20  
LPG Consumption (m<sup>3</sup>/H - Kg/H): 3.127 - 6.10  
LPG Feeding Pressure (mbar): 37  
Electrical Power (W): 700  
Length (mm): 1648  
Width (mm): 770  
Height (mm): 1133  
Dry Weight (Kg): 172

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

Images are for guidance only.

## Technical Sheet

Phase	Single phase
Fuel	Diesel - GAS
Frequency (Hz)	50
Voltage (V)	230
Rated heat power	85.62 KW - 73630 Kcal/h - 294518 BTU/h
Output heat power	79.37 KW - 68255 Kcal/h - 273019 BTU/h
Heat efficiency (%)	92.7
Air flow (m <sup>3</sup> /h)	7200
Available static press	200 Pa - 20 mm H <sub>2</sub> O
Temperature rise at 20°C (°C)	47
Effective heat range (m)	45
Oil consumption (Kg/h)	6.77
Natural Gas consumption (m <sup>3</sup> /h)	7.935
Inlet pressure Natural Gas (mbar)	20
LPG consumption (m <sup>3</sup> /h - Kg/h)	3.127 - 6.10
Inlet pressure LPG (mbar)	37
Power consumption (W)	700
Ø flue (mm)	150
Ø outlet hose - L.max 1 way (mm - m)	500 - 25
Ø outlet hose - L.max 2 ways (mm - m)	400 - 15
Ø outlet snorkel - L.max (mm - m)	100 - 5
Ø inlet hose - L.max (mm - m)	510 - 6
Length (mm)	1648
Width (mm)	770
Height (mm)	1133
Dry weight (Kg)	172