



BM2 FORCED AIR SPACE HEATERS PHOEN 110

Reference: 02EC110

BM2 HOT AIR GENERATOR PHOEN 110

BM2 PHOEN110 is an oil-fired hot air generator with a separate burner, characterized by the presence of a heat exchanger with flue connection for smoke evacuation, generating a thermal efficiency close to 90%.

BM2 PHOEN110 is widely used in warehouses, horticulture and floriculture, animal husbandry, construction, tents and mobile structures for drying, drying, thawing and heating. BM2 PHOEN110 hot air generator can be used in closed environments, in this case it is necessary to install a small chimney connected to the outside guarantees the evacuation of fumes.

BM2 PHOEN110 indirect combustion heaters are versatile, reliable, easy to use and safe thanks to the control devices that, in case of malfunction, cause the machine to stop.

The BM2 PHOEN110 hot air generator comes complete with:

- Power selector switch: 1st stage (75 KW), 2nd stage (110 KW)
- Socket for connection to thermostat, humidistat or timer
- Power supply cable (1.5 m) with plug
- AISI 430 stainless steel combustion chamber with four smoke passes
- Fan thermostat: turns on/off the fan only when the combustion chamber is hot/cold
- Electronic flame control
- Overheat thermostat, limit thermostat
- Oil supply hoses made of hydrocarbon-resistant rubber with metal reinforcing mesh coating
- Bayonet tank closure cap
- Fuel drain plug from tank
- Winter and summer switch for use only as a fan

TECHNICAL FEATURES BM2 PHOEN110

Phase Type: Single-phase

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Nominal Thermal Power 1st Stage: 80 KW - 68804 Kcal/H - 275214 BTU/H

Nominal Thermal Power 2nd Stage: 110.02 KW - 94616 Kcal/H - 378465 BTU/H

Thermal Power Yield 1st Stage: 71.2 KW - 61235 Kcal/H - 244941 BTU/H

Thermal Power Yield 2nd Stage: 99.02 KW - 85155 Kcal/H - 340619 BTU/H

Thermal Efficiency (%): 90

Air Flow Rate (m³/H): 5300

Thermal Height At 20°C (°C): 77

Thermal Height 1st - 2nd Stage At 20°C (°C): 60 - 75

Fuel Consumption 1st - 2nd Stage (Kg/H): 6.33 - 9.278
Electrical Power (W): 1820
Smoke Diameter (mm): 150
Sheath Diameter Air Exit 1 - 2 Way (mm): 500 - 400
Fuel Tank Capacity (L): 135
Length (mm): 1918
Width (mm): 731
Height (mm): 1220
Dry Weight (Kg): 149

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

Technical Sheet

Phase	Single phase
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Rated heat power 1st stage	80 KW - 68804 Kcal/h - 275214 BTU/h
Rated heat power 2nd stage	110.02 KW - 94616 Kcal/h - 378465 BTU/h
Output heat power 1st stage	71.2 KW - 61235 Kcal/h - 244941 BTU/h
Output heat power 2nd stage	99.02 KW - 85155 Kcal/h - 340619 BTU/h
Heat efficiency (%)	90
Air flow (m ³ /h)	5300
Temperature rise at 20°C (°C)	77
Temperature rise 1st - 2nd stage at 20°C (°C)	60 - 75
Fuel consumption 1st - 2nd stage (Kg/h)	6.33 - 9.278
Power consumption (W)	1820
Ø flue (mm)	150
Ø outlet hose 1 - 2 way (mm)	500 - 400
Fuel tank capacity (L)	135
Length (mm)	1918
Width (mm)	731
Height (mm)	1220
Dry weight (Kg)	149