



BM2 SCUDO 235T HOT AIR GENERATOR (OIL-GAS)

Reference: 02AG196

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BM2 SCUDO 235T is a hot air generator, suitable for heating and drying large spaces, tensile structures such as construction sites, workplaces but also residential areas.

BM2 SCUDO 235T floor-standing for industrial heating of large spaces, equipped with a high-performance centrifugal fan that combined with the new BM2 heat exchanger ensures a thermal efficiency of 96%.

BM2 SCUDO 235T can run on Diesel, LPG or methane and with the use of various fittings on request can distribute heat in specific areas through ducts (up to 4-way)

The BM2 SCUDO 235T generator is equipped with:

- special basement designed for handling by forking (forklift)
- front protection burner cover with door equipped with lock
- rear protection casing of the centrifugal fan with lateral suction/air intake connection
- upper protection basement with hooks for lifting/fixing
- central lifting hook
- removable panels for internal washing with cross-shaped reinforcing bends to ensure greater rigidity and strength
- use only screws and metric inserts for fixing, no self-tapping screws
- The new heat exchanger combined with the new higher performance fans allow a thermal efficiency of 96%; **Fan**

BM2 SCUDO 235T protection (IP 55):

- Very quiet (noise ? 69 db at 2 meters);
- high prevalence and performance that provides a high flow rate and static pressure (500 Pa) for the homogeneous and long distance diffusion of hot air through ducts or conduits;
- Fan anchored to the supporting structure by means of strong side members and fixing brackets
- adjustable damper to restore

Rear electric control panel (IP 65):

- Located at the rear, it avoids contact with dust, water, snow etc;
- provided with a robust metal cover that also allows the shelter of tools and documents

Quadro elettrico anteriore di servizio (IP 65):

- Positioned at the front of the machine inside the burner cover drawer: to avoid contact with dust, water and snow for easier maintenance; for easier operator control and intervention

TECHNICAL FEATURES BM2 SCUDDO 235T

Thermal power: 235.72 KW / 202715 kcal/h / 810861 BTU/h
 Thermal power output: 227.47 KW / 195620 kcal/h / 782480 BTU/h
 Static pressure: 500 - 50 PA - mm H₂O
 Fueling: Methane - LPG - Gasoil
 Working range: 70 m
 Diesel consumption: 18.65 Kg/h
 Diesel pressure: 20 mbar
 Methane consumption: 22.035 m³/h
 LPG consumption: 8637 m³/h
 Gas pressure: 37 mbar
 Efficiency: 96.50 %
 Air flow rate: 20000 m³/h
 Air temperature at 20°C: 47 °C
 Electrical power: 4970 W
 Voltage: 400 V
 Phase: Three-phase
 Frequency: 50 Hz
 Width: 2790 mm
 Length: 900 mm
 Height: 1766 mm
 Dry weight: 856 Kg

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

Images and technical data are not binding and may be subject to revision by the manufacturer.

Technical Sheet

Phase	Three phase
Fuel	Diesel - GAS
Frequency (Hz)	50
Voltage (V)	400
Rated heat power	235.72 KW - 202715 Kcal/h - 810861 BTU/h
Output heat power	227.47 KW - 195620 Kcal/h - 782480 BTU/h
Heat efficiency (%)	96.5
Air flow (m ³ /h)	20000
Available static press	500 Pa - 50 mm H ₂ O
Temperature rise at 20°C (°C)	47
Effective heat range (m)	70
Oil consumption (Kg/h)	18.65
Natural Gas consumption (m ³ /h)	22.035
Inlet pressure Natural Gas (mbar)	20
LPG consumption (m ³ /h - Kg/h)	8.637 - 16.92
Inlet pressure LPG (mbar)	37

Power consumption (W)	4970
Ø flue (mm)	200
Ø outlet hose - L.max 1 way (mm - m)	700 - 50
Ø outlet hose - L.max 2 ways (mm - m)	600 - 30
Ø outlet hose - L.max 4 ways (mm - m)	400 - 25
Ø outlet snorkel - L.max (mm - m)	150 - 6
Ø inlet hose - L.max (mm - m)	750 - 10
Length (mm)	2790
Width (mm)	900
Height (mm)	1766
Dry weight (Kg)	856