



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



Product price:

**10.765,50 € tax excluded**

## Product description:

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

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 SCUDO 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 H<sub>2</sub>O

Fueling: Methane - LPG - Gasoil

Working range: 70 m

Diesel consumption: 18.65 Kg/h

Diesel pressure: 20 mbar

Methane consumption: 22035 m<sup>3</sup>/h

LPG consumption: 8637 m<sup>3</sup>/h

Gas pressure: 37 mbar

Efficiency: 96.50 %

Air flow rate: 20000 m<sup>3</sup>/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.



**Product features:**

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<sup>3</sup>/h): 20000

Available static press: 500 Pa - 50 mm H<sub>2</sub>O

Temperature rise at 20°C (°C): 47

Effective heat range (m): 70

Oil consumption (Kg/h): 18.65

Natural Gas consumption (m<sup>3</sup>/h): 22.035

Inlet pressure Natural Gas (mbar): 20

LPG consumption (m<sup>3</sup>/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

