



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

Reference: 02AG192

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

BM2 TITAN 235T is an indirect combustion hot air generator, of large size for more voluminous environments, it can indifferently mount an external oil, LPG or methane burner.

BM2 TITAN 235T is equipped with a centrifugal fan that, in addition to being very quiet, guarantees high prevalence (500 Pa), a feature that is particularly advisable for installations where long ducting is required. The combustion chamber with 5 smoke passes also guarantees a thermal efficiency of 96%.

BM2 TITAN 235T is supplied with:

- Burner cover drawer allowing protection from shock, dust, water, The new heat exchanger combined with the new higher performance fans allow to obtain a thermal efficiency of 96%
- A better anchorage of the supporting structure of the machine thanks to strong fixing brackets that allow its movement on any surface
- Supporting structure with removable panels for internal washing, even when the machine is hanging
- Panels with cross-shaped reinforcing bends to guarantee greater rigidity and strength
- Use of metric screws and inserts only for fastening, no self-tapping screws
- Smoke exhaust protection in combustion chamber made of plastic material with retention chains

#### Protection fan (IP 55):

- very quiet (noise ? 67 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 sturdy side members and fixing brackets;
- adjustable damper of restoration;

#### Rear electric control panel (IP 65):

- positioned in the rear part avoids the contact with dust, water, snow etc;
- provided with a strong metal cover that allows also the shelter of tools and documents;

#### Front electric service panel (IP 65):

- positioned in the front part of the machine inside the burner cover drawer: to avoid that it is in contact with dust, water, snow for an easier maintenance; for an easier control and intervention of the operator

#### Each of the main components of the BM2 TITAN 235T is equipped with quick electrical connections:

- speed of installation/disassembly and technical intervention
- elimination of installation/disassembly errors

Phase Type: Three-phase  
 Fuel: Diesel - GAS  
 Frequency (Hz): 50  
 Voltage (V): 400  
 Nominal Thermal Power: 235.72 KW - 202715 Kcal/H - 810861 BTU/H  
 Power Output: 227. 47 KW - 195620 Kcal/H - 782480 BTU/H  
 Thermal Efficiency (%): 96.5  
 Flow Rate (M<sup>3</sup>/H): 20000  
 Static Pressure Available: 500 Pa - 50 mm H<sub>2</sub>O  
 Thermal Heat Gain At 20°C (°C): 47  
 Effective Working Range (M): 70  
 Gasoline Consumption (Kg/H): 18. 65  
 Methane Consumption (m<sup>3</sup>/H): 22.035  
 Methane Feeding Pressure (mbar): 20  
 LPG Consumption (m<sup>3</sup>/H - Kg/H): 8.637 - 16. 92  
 LPG Feeding Pressure (mbar): 37  
 Electrical Power (W): 4970  
 Length (mm): 2630  
 Width (mm): 1042  
 Height (mm): 1840  
 Dry Weight (Kg): 535

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

Images and technical data are not binding and may be subject to revisions 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 <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)	2630
Width (mm)	1042
Height (mm)	1840
Dry weight (Kg)	535