



## BM2 HOT AIR GENERATOR TITAN 185T (OIL-GAS)

Reference: 02AG182

### BM2 HOT AIR GENERATOR TITAN 185T (OIL-GAS)

BM2 TITAN 185T is an indirect combustion hot air generator, large size for more voluminous environments, can indifferently mount an external burner oil, LPG or methane.

BM2 TITAN 185T is equipped with a centrifugal fan that, besides being very silent, 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 185T is supplied with:

#### Fan protection (IP 55):

- very quiet (noise ? 67 db at 2 meters);
- high prevalence and performance that ensures 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 main component of the BM2 TITAN 185T is equipped with quick electrical connections:

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

#### TECHNICAL CHARACTERISTICS BM2 TITAN 185T

Phase Type: Three-phase

Fuel: Diesel - GAS

Frequency (Hz): 50

Voltage (V): 400

Nominal Thermal Power: 185.54 KW - 159563 Kcal/H - 638254 BTU/H

Power Output: 178.12 KW - 153181 Kcal/H - 612724 BTU/H  
 Thermal Efficiency (%): 96  
 Air Flow Rate (M<sup>3</sup>/H): 16000  
 Available Static Pressure: 500 Pa - 50 mm H<sub>2</sub>O  
 Thermal Gap At 20°C (°C): 46  
 Effective Working Range (M): 63  
 Gasoil Consumption (Kg/H): 14.68  
 Methane Consumption (m<sup>3</sup>/H): 17682  
 Methane Feeding Pressure (mbar): 20  
 LPG Consumption (m<sup>3</sup>/H - Kg/H): 6981 - 13.63  
 LPG Feeding Pressure (mbar): 37  
 Electrical Power (W): 4200  
 Length (mm): 2413  
 Width (mm): 920  
 Height (mm): 1620  
 Dry Weight (Kg): 430

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 revision by the manufacturer.

## Technical Sheet

Phase	Three phase
Fuel	Diesel - GAS
Frequency (Hz)	50
Voltage (V)	400
Rated heat power	185.54 KW - 159563 Kcal/h - 638254 BTU/h
Output heat power	178.12 KW - 153181 Kcal/h - 612724 BTU/h
Heat efficiency (%)	96
Air flow (m <sup>3</sup> /h)	16000
Available static press	500 Pa - 50 mm H <sub>2</sub> O
Temperature rise at 20°C (°C)	46
Effective heat range (m)	63
Oil consumption (Kg/h)	14.68
Natural Gas consumption (m <sup>3</sup> /h)	17.682
Inlet pressure Natural Gas (mbar)	20
LPG consumption (m <sup>3</sup> /h - Kg/h)	6.981 - 13.63
Inlet pressure LPG (mbar)	37
Power consumption (W)	4200
Ø flue (mm)	200
Ø outlet hose - L.max 1 way (mm - m)	700 - 50
Ø outlet hose - L.max 2 ways (mm - m)	500 - 30

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Ø outlet hose - L.max 4 ways (mm - m)	350 - 25
Ø outlet snorkel - L.max (mm - m)	100 - 6
Ø inlet hose - L.max (mm - m)	720 - 10
Length (mm)	2413
Width (mm)	920
Height (mm)	1620
Dry weight (Kg)	430

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