



## BM2 FORCED AIR SPACE HEATERS TITAN 145M (OIL-GAS)

Reference: 02AG171

### BM2 HOT AIR GENERATOR TITAN 145T (OIL-GAS)

BM2 TITAN 145T is an indirect combustion hot air generator, large size for more voluminous environments, it can indifferently mount an external burner oil, LPG or methane.

BM2 TITAN 145T is equipped with a centrifugal fan that, in addition to being very quiet, ensures high prevalence (500 Pa), a feature advisable in particular for installations where long ducting is required. The combustion chamber with 5 smoke passes also guarantees a thermal efficiency of 96%.

BM2 TITAN 145T 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 recovery;

#### 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 145T is equipped with quick electrical connections:

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

#### TECHNICAL CHARACTERISTICS BM2 TITAN 145T

Phase Type: Single-phase

Fuel: Diesel - GAS

Frequency (Hz): 50

Voltage (V): 230

Nominal Thermal Power: 144.72 KW - 124455 Kcal/H - 497821 BTU/H

Power Output: 138.93 KW - 119477 Kcal/H - 477908 BTU/H  
 Thermal Efficiency (%): 96  
 Air Flow Rate (M<sup>3</sup>/H): 14000  
 Available Static Pressure: 300 Pa - 30 mm H<sub>2</sub>O  
 Thermal Gap At 20°C (°C): 42  
 Effective Working Range (M): 56  
 Gasoil Consumption (Kg/H): 11.45  
 Methane Consumption (m<sup>3</sup>/H): 13.855  
 Methane Feeding Pressure (mbar): 20  
 LPG Consumption (m<sup>3</sup>/H - Kg/H): 5.403 - 10.57  
 LPG Feeding Pressure (mbar): 37  
 Electrical Power (W): 3100  
 Length (mm): 2191  
 Width (mm): 900  
 Height (mm): 1515  
 Dry Weight (Kg): 361

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	Single phase
Fuel	Diesel - GAS
Frequency (Hz)	50
Voltage (V)	230
Rated heat power	144.72 KW - 124455 Kcal/h - 497821 BTU/h
Output heat power	138.93 KW - 119477 Kcal/h - 477908 BTU/h
Heat efficiency (%)	96
Air flow (m <sup>3</sup> /h)	14000
Available static press	300 Pa - 30 mm H <sub>2</sub> O
Temperature rise at 20°C (°C)	42
Effective heat range (m)	56
Oil consumption (Kg/h)	11.45
Natural Gas consumption (m <sup>3</sup> /h)	13.855
Inlet pressure Natural Gas (mbar)	20
LPG consumption (m <sup>3</sup> /h - Kg/h)	5.403 - 10.57
Inlet pressure LPG (mbar)	37
Power consumption (W)	3100
Ø flue (mm)	200

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Ø outlet hose - L.max 1 way (mm - m)	600 - 50
Ø outlet hose - L.max 2 ways (mm - m)	500 - 30
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)	650 - 10
Length (mm)	2191
Width (mm)	900
Height (mm)	1515
Dry weight (Kg)	361

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