

### DSH00045

## "LPG" HOT AIR GENERATOR

# **BLP 16**



DSH00045 MC Emissione 21/06/2012 - Rev. -



#### **FUNCTIONING PRINCIPLES**



The "LPG" hot air generator is characterized by the total use of the fuel, by heat exchange due to direct mixing of the intake air and the combustion products. Safety devices always guarantee the correct operation of the machine. The accurate selection of materials ensures high reliability, while the noise impact has been reduced to minimum. It has a pratical handle for easier transport and handling. The appliance is manufactured in compliance with the EN 1596 Standard.

TECHINICAL DATA							
MAX capacity	kW Kcal/h Btu/h	16 13.800 54.800		MIN capacity	kW Kcal/h Btu/h	- - -	
Air flow	m³/h	300		Power supply	V	220-240	
Net weight	kg	5		Frequency	Hz	50	
Gross weight	kg	6		Rated current	Α	0,23	
Fuel type		Propano/Butano		Noisy	dBa	77	
Fuel supply pressure	mbar	700		Class of protection		IP44	
Fuel consumption	kg/h	1,16		Temperature difference at 1.5 m		<70°C	
PACKAGING							
Heater dimensions	mm		471 x 188 x 293				
Packaging dimensions	mm		550 x 230 x 300				
Pieces for Europallet	n°		49				

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Pieces full truck



#### **COMPONENTS**

Ignition Manual piezoelectric

Electrode Discharge on the burner with single wire

Flame detection Thermocouple probe

Safety system Bimetallic lamellar thermostat with cover protection

Nozzle Ø0,95

Monophase, with impedance protection, counter-clockwise

rotation, 1300 rpm

Handling Using lifting handle

System power adjustment Not available

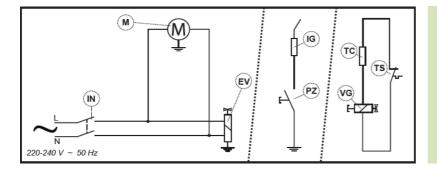
Room thermostat connection Not available

#### **OPTIONAL ACCESSORIES**

Room thermostat

Not available

#### WIRING DIAGRAM

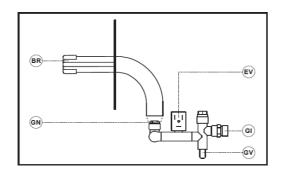


IN : Switch
M : Motor
EV : Electrovalve

IG : Ignitor
PZ : Piezoelectric
TC : Thermocouple
VG : Valve gas

TS: Safety thermostat

#### FUEL SYSTEM DIAGRAM



GI : Gas inlet fitting
GV : Gas valve
EV : Electrovalve

GN: Gas nozzle
BR: Burner

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