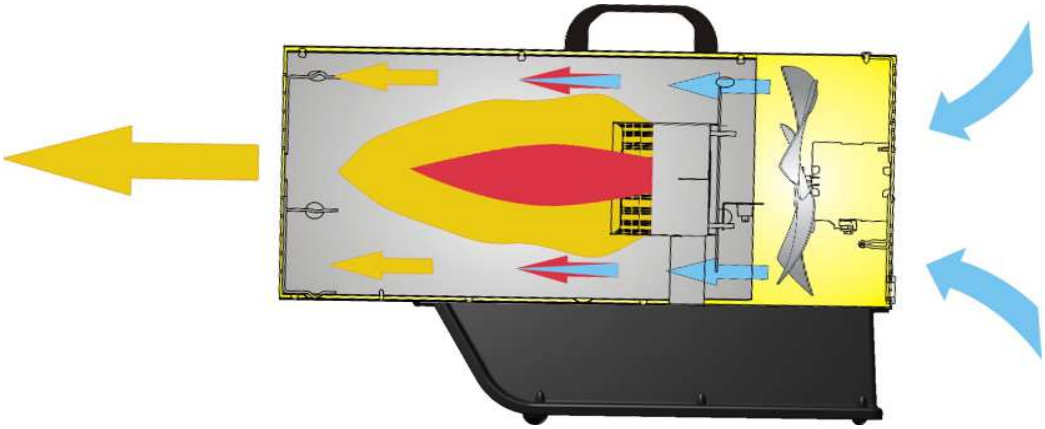
MASTER®
CLIMATE SOLUTIONS

DSH00038

"LPG" HOT AIR GENERATOR

BLP 11

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.

TECHNICAL DATA

MAX capacity	kW Kcal/h Btu/h	**10,5** **9.000** **36.000**	MIN capacity	kW Kcal/h Btu/h	**-** **-** **-**
Air flow	m³/h	**300**	Power supply	V	**220-240**
Net weight	kg	**4**	Frequency	Hz	**50**
Gross weight	kg	**5**	Rated current	A	**0,23**
Fuel type		**Propane/Butane**	Noisy	dBa	**68**
Fuel supply pressure	mbar	**300**	Class of protection		**IP44**
Fuel consumption	kg/h	**0,764**	Temperature difference at 1.5 m		**<70°C**

PACKAGING

Heater dimensions	mm	**371 x 188 x 293**
Packaging dimensions	mm	**400 x 200 x 300**
Pieces for Europallet	n°	**77**
Pieces full truck	n°	**2541**

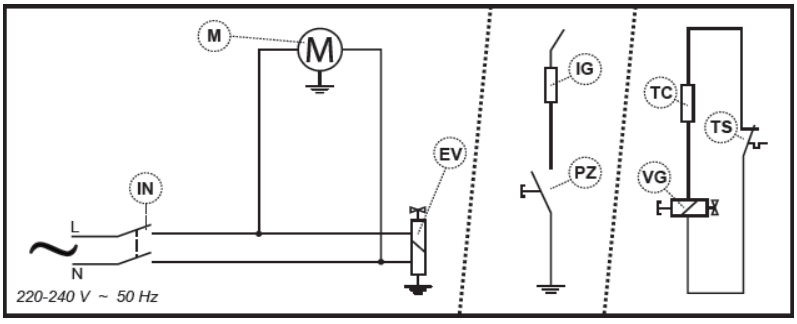
COMPONENTS

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**
Motor	**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

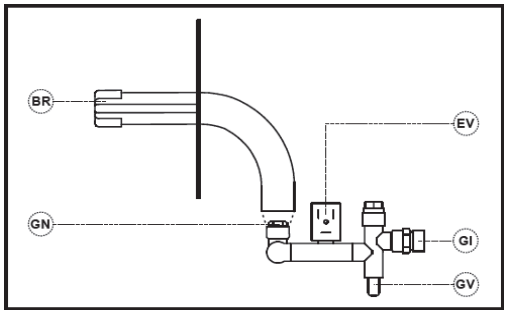
Room thermostat	**Not available**

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**