

GAS HEATER

BLP 53M



FUNCTIONING PRINCIPLES



Master gas heaters provide large volumes of instant heat. They are very cost effective, robust and efficient.

TECHINICAL DATA

MAX power	kW	53	MIN power	kW	36
	kcal/h	45 600		kcal/h	31 000
	Btu/h	181 000		Btu/h	123 000
Air flow	m ³ /h	1.450	Power supply	V	220-240
Net weight	kg	12,5	Frequency	Hz	50
Gross weight	kg	14,3	Rated current	A	0,48
Fuel type		Propane Butane	Noisy	dBa	74
Fuel supply pressure	mbar	750÷1.500	Class of protection		IP44
Fuel consumption	kg/h	3,78	Temperature difference at 1.5 m		<70°C

PACKAGING

Heater dimensions	mm	605 x 276 x 444
Packaging dimensions	mm	680 x 300 x 510
Pieces for Europallet	n°	16
Pieces full truck	n°	528

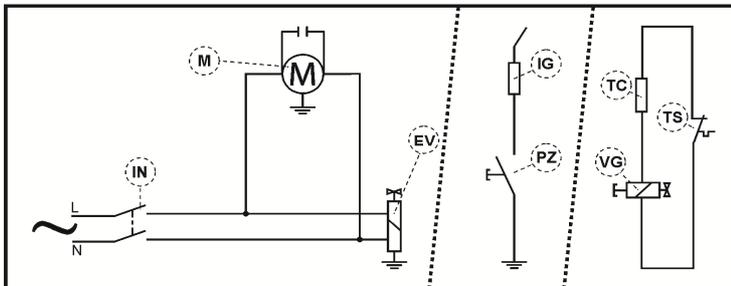
COMPONENTS

Ignition	Manual piezoelectric
Electrode	Discharge on the burner with single wire
Flame detection	Thermocouple probe
Safety system	Bimetallic lamellar thermostat with cover protection
Nozzle	Ø1,40
Motor	Monophase, with thermal protection, counter-clockwise rotation, 2500 rpm
Handling	Using lifting handle
System power adjustment	Knob on the pressure regulator
Room thermostat connection	N/A

OPTIONAL ACCESSORIES

Room thermostat	N/A
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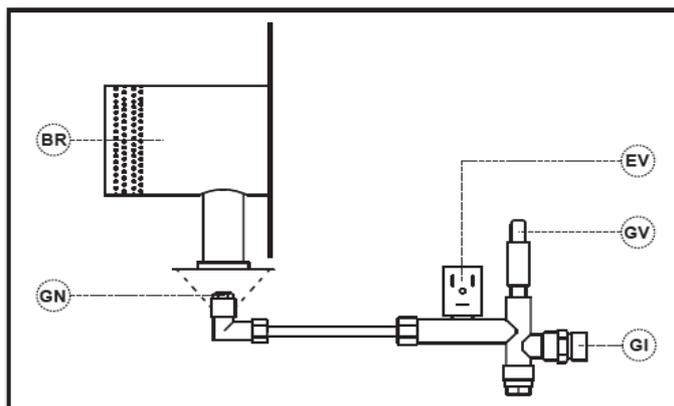
WIRING DIAGRAM



26 - 33M - 53M - 73M

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