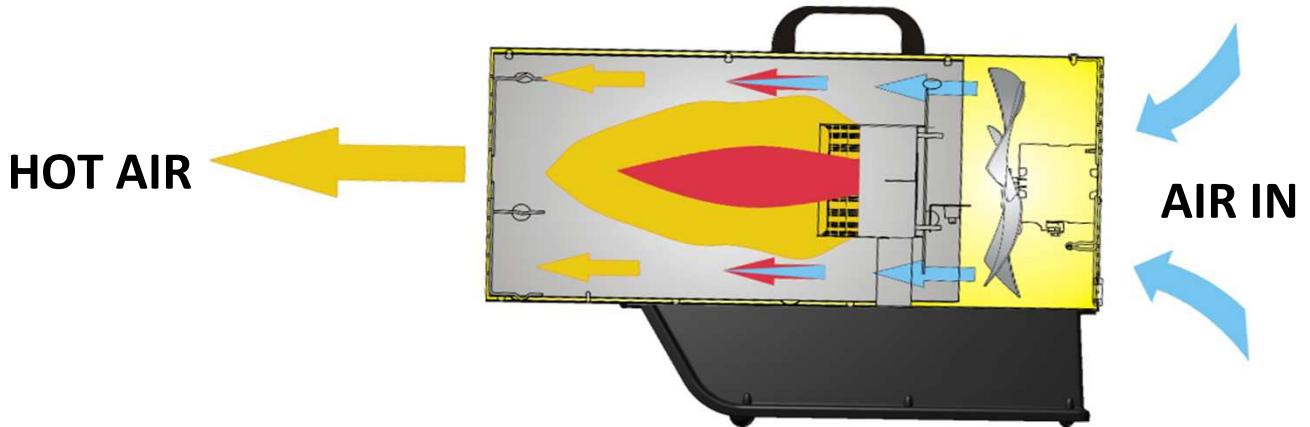


# GAS HEATER

# BLP 33M



## FUNCTIONING PRINCIPLES



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

## TECHINICAL DATA

MAX capacity	kW	<b>33</b>	MIN capacity	kW	<b>18</b>
	Kcal/h	<b>28.400</b>		Kcal/h	<b>15.500</b>
	Btu/h	<b>112.800</b>		Btu/h	<b>61.500</b>
Air flow	m <sup>3</sup> /h	<b>1.000</b>	Power supply	V	<b>220-240</b>
Net weight	kg	<b>8</b>	Frequency	Hz	<b>50</b>
Gross weight	kg	<b>9</b>	Rated current	A	<b>0,26</b>
Fuel type		<b>Propane</b>	Noisy	dBa	<b>77</b>
		<b>Butane</b>	Class of protection		<b>IP44</b>
Fuel supply pressure	mbar	<b>750÷1.500</b>	Temperature difference at 1.5 m		<b>&lt;70°C</b>
Fuel consumption	kg/h	<b>2,4</b>			

## PACKAGING

Heater dimensions	mm	<b>552 x 220 x 342</b>
Packaging dimensions	mm	<b>600 x 250 x 360</b>
Pieces for Europallet	n°	<b>36</b>
Pieces full truck	n°	<b>1188</b>

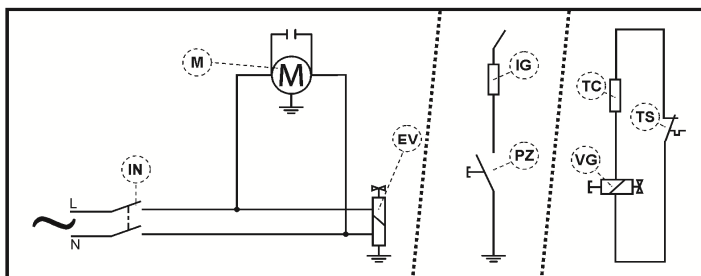
## COMPONENTS

Ignition	Manual piezoelectric
Electrode	Discharge on the burner with single wire
Flame detection	Thermocouple probe
Safety system	Bimetallic lamellar thermostat with cover protection
Nozzle	Ø1,15
Motor	Monophase, with thermal protection, counter-clockwise rotation, 2800 rpm
Handling	Using lifting handle
System power adjustment	Knob on the pressure regulator
Room thermostat connection	Not available

## OPTIONAL ACCESSORIES

Room thermostat	Not available
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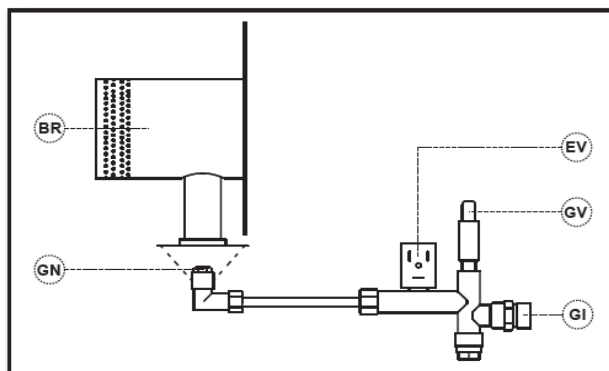
## WIRING DIAGRAM



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