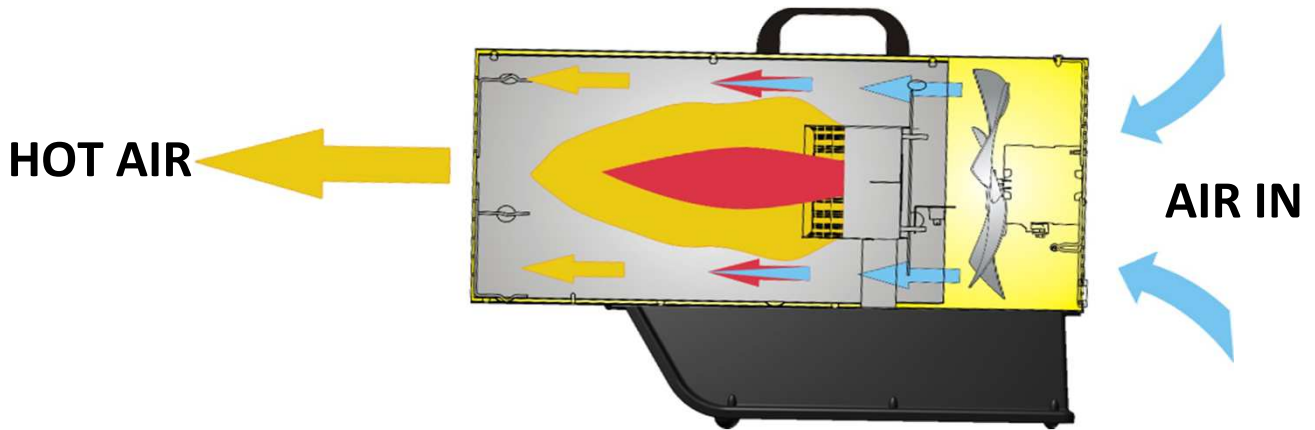


# GAS HEATER

# VANGUARD 11



## FUNCTIONING PRINCIPLES



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

## TECHINICAL DATA

MAX Power	kW	<b>10,5</b>	MIN Power	kW	-
	kcal/h	<b>9.000</b>		kcal/h	-
	Btu/h	<b>36.000</b>		Btu/h	-
Air flow	m <sup>3</sup> /h	<b>300</b>	Power supply	V	<b>220-240</b>
Net weight	kg	<b>4</b>	Frequency	Hz	<b>50</b>
Gross weight	kg	<b>5</b>	Rated current	A	<b>0,23</b>
Fuel pressure	mbar	<b>300</b>	Noisy	dBa	<b>68</b>
Fuel consumption	kg/h	<b>0,764</b>	Class of protection		<b>IP44</b>
Fuel type		<b>Propane Butane</b>	Temperature difference at 1.5 m		<b>&lt;70°C</b>

## PACKAGING

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

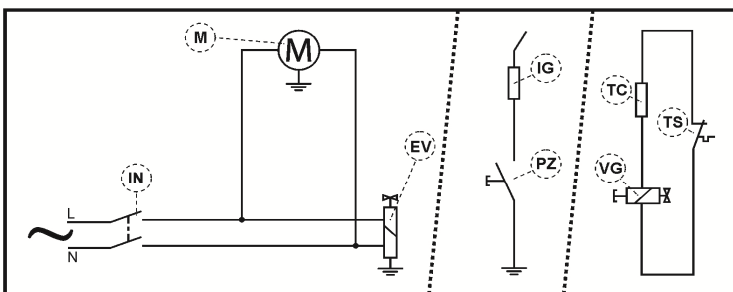
## COMPONENTS

Ignition	Manual piezoelectric
Electrode	Discharge on the burner with single wire
Flame detection	Thermocouple probe
Safety system	Bimetallic lamellar thermostat with cover protection
Nozzle	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
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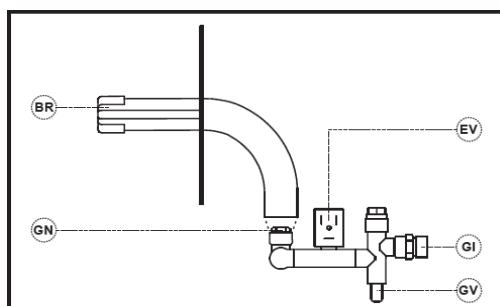
## WIRING DIAGRAM



11 - 16 - 17M

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