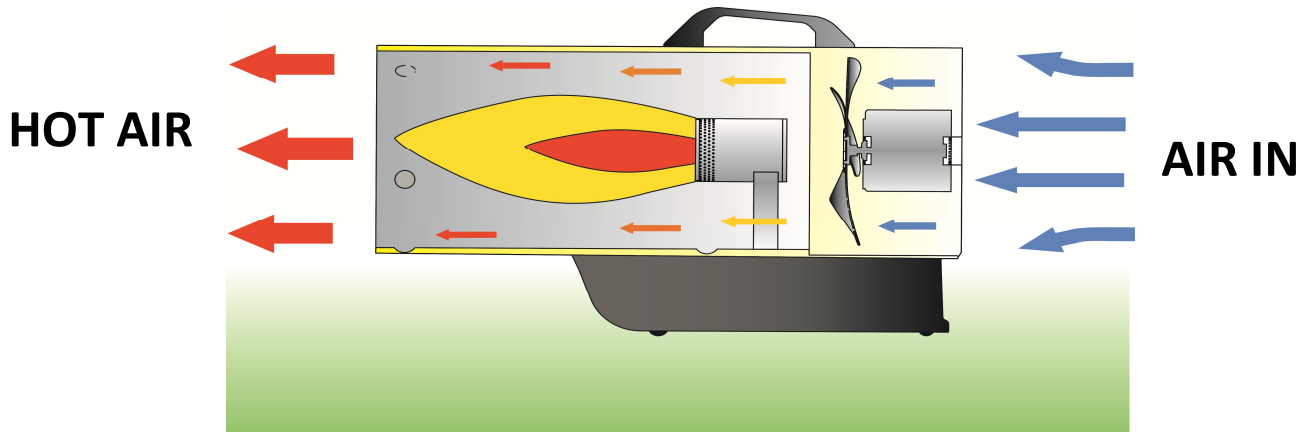


GAS HEATER

VANGUARD 17M



FUNCTIONING PRINCIPLES



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

TECHNICAL DATA

MAX capacity	kW	16	MIN capacity	kW	10
	kcal/h	13.800		kcal/h	8.600
	Btu/h	54.800		Btu/h	34.200
Air flow	m ³ /h	300	Power supply	V	12
Net weight	kg	5	Rated current	A	0,4
Gross weight	kg	6	Power cons.	W	5
Fuel type		Propane Butane	Noise level	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
			Autonomy	h	~ 8

PACKAGING

Heater dimensions	mm	471 x 188 x 293
Packaging dimensions	mm	550 x 230 x 300
Pieces for Europallet	n°	49
Pieces full truck	n°	1617

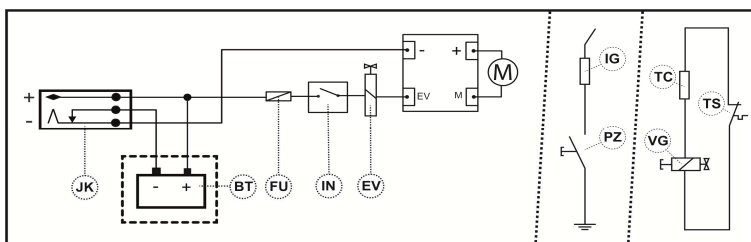
COMPONENTS

Ignition	Manual piezoelectric
Electrode	Discharge on the burner with single wire
Flame detection	Thermocouple probe
Safety system	Bimetallic lamellar thermostat with cover protection
Nozzle	Ø 0,95
Motor	Brushless, 12 V DC, counter-clockwise rotation, 1300 rpm
Handling	Using lifting handle
System power adjustment	Gas cock
Power supply	110-240 V / 50-60 Hz

OPTIONAL ACCESSORIES

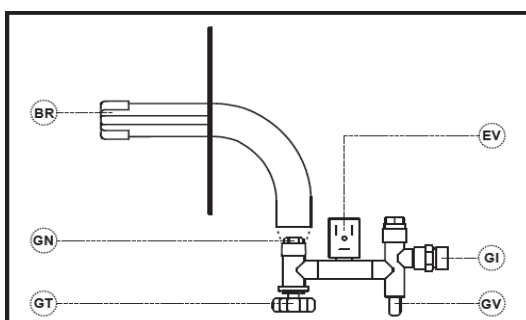
Room thermostat	Not available
Battery	Available
Battery charger	Available
Power supply	Included

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
GT	:	Gas cock
GN	:	Gas nozzle
BR	:	Burner