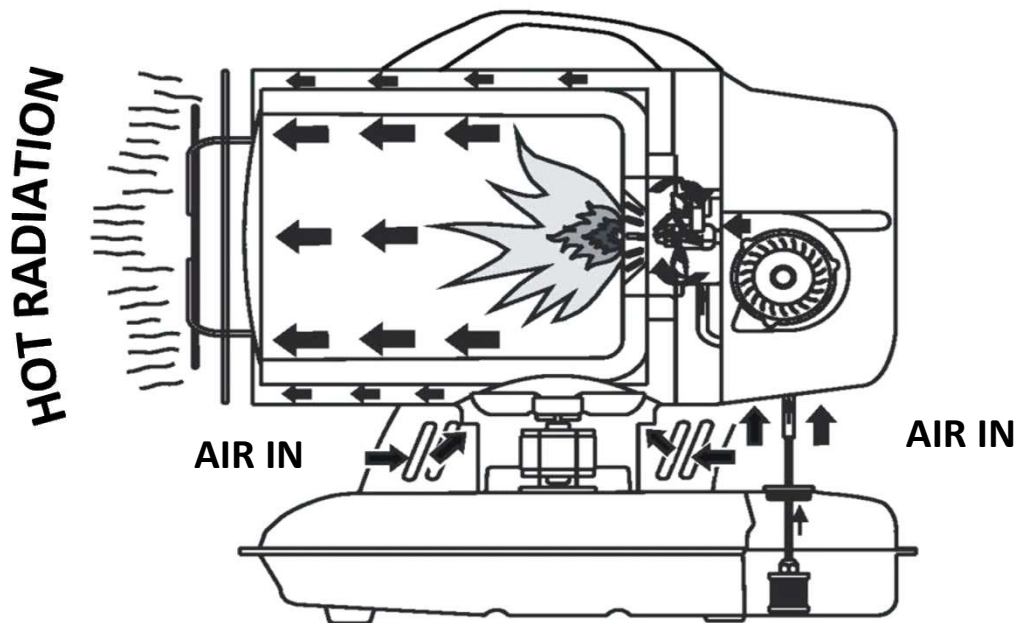


INFRARED HEATER

XL6



FUNCTIONING PRINCIPLES



Airflow is necessary to ensure proper combustion, it is supplied by the internal burner fan. The air enters the burner funnel and gets mixed with a high-pressure fuel jet. The fuel flow is secured by an electrical pump, which sucks the fuel away from the tank and moves it to the nozzle under high pressure.

TECHINICAL DATA

Power	kW	17	Power supply	V	120	
	kcal/h	14.600		Frequency	Hz	60
	Btu/h	58.000			Rated current	A
Net weight	kg	42	Electric power	W		180
Gross weight	kg	46		Fuse (SLOW)	A	1
Fuel	Diesel / Kerosene		Antitilting switch		on board	
Fuel consumption	gph	0,4		Overheat thermostat	°C	176
Tank capacity	U.S. gal	3	Noisy		dBa	68
Autonomy	h	7		Pressure pump	psi	138

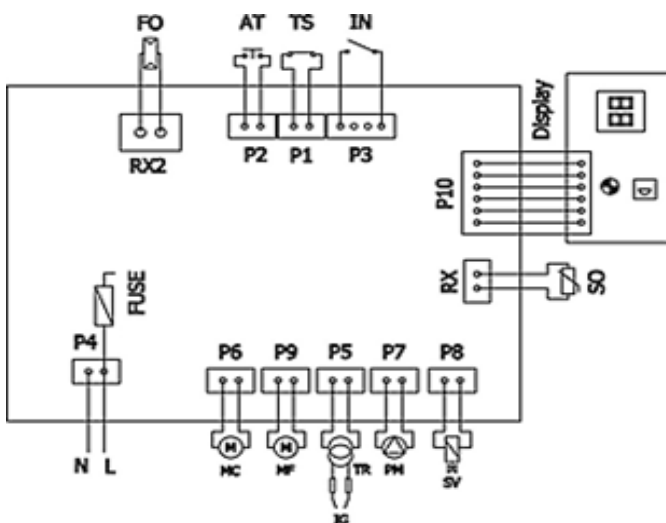
PACKAGING

Dimensions packing	in	24 x 15 x 23
Dimensions utilization	in	22 x 14 x 22
Pieces for Europallet	n°	16
Pieces full truck	n°	528

COMPONENTS

Pump	Electric pump with electrovalve
Nozzle	DANFOSS 0,40 GPH 80° LE H
Flame control	Electronic board with display for diagnostic
Igniter	Bifilar elctrodes
Fuel filter	Paper filter 2500 mesh in line - Ø 1,57 in
Motor	Cooling motor shaded-pole, clockwise rotation, 2600 rpm Burner motor shaded-pole, clockwise rotation, 2600 rpm
Tank	Material zincoated plated
Inlet filter	Filter 80 mesh
Heat plate	Radianting disk in stainless steel AISI 309 S
Combustion chamber	Ceramic fiber
Fuel level gauge	On board
Ambient thermostat	Knob for regulation on board and display

WIRING DIAGRAM



L	:	Line
N	:	Neutral
MC	:	Burner motor
MF	:	Cooling motor
PM	:	Pump
IG	:	Ignitor
TR	:	Transformer
SV	:	Electrovalve
SO	:	Temperature probe
IN	:	Switch
TS	:	Overheat thermostat
AT	:	Anti-Tilting switch
FO	:	Photocell