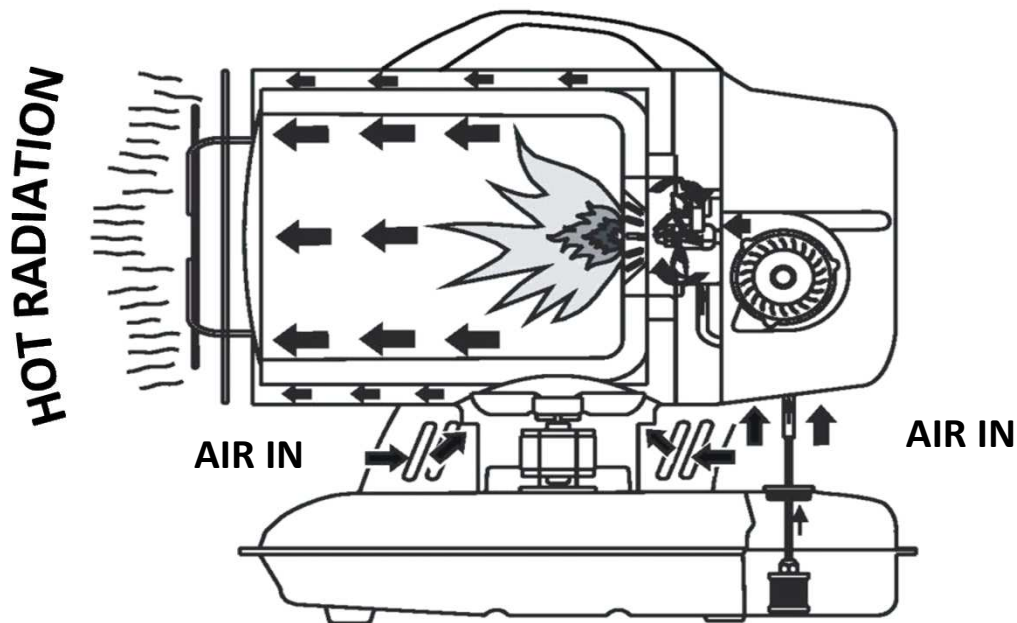


# INFRARED HEATER

# 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

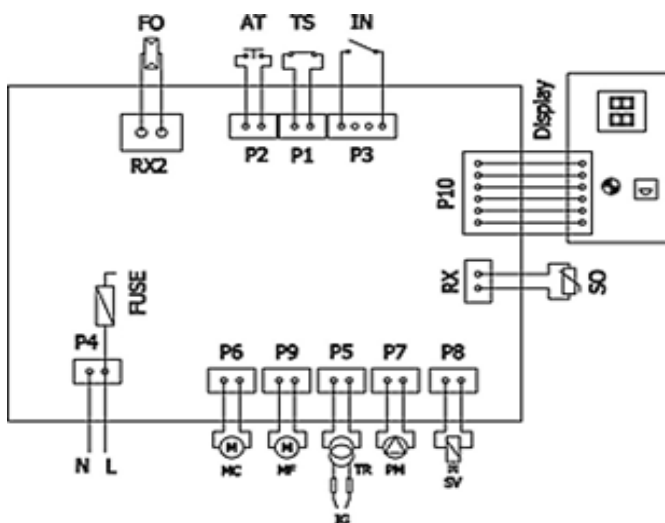
## PACKAGING

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