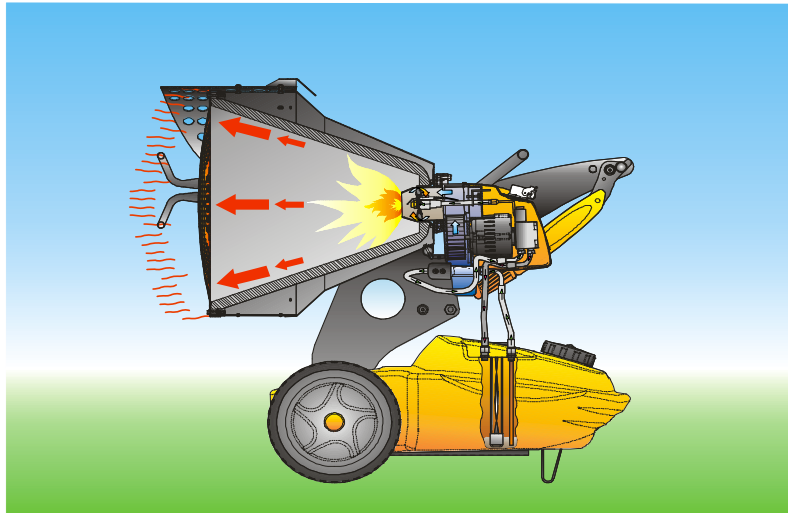


INFRARED OIL HEATER

XL9



FUNCTIONING PRINCIPLES



The ventilation needed for proper combustion is produced by a fan inside the burner. The air exits the burner sleeve and mixes with the fuel which is nebulised by a high-pressure nozzle. The fuel is aspirated from the fuel tank by a rotary pump which forces it at high pressure up to the nozzle for nebulisation

TECHINICAL DATA

XL9 E

Max capacity	kW	43
	Kcal/h	37000
	Btu/h	146900

Combustible	Oil / Kerosene	
Net weight	Kg	69
Gross weight	Kg	85
Noisy	dBa	65
Fuel consumption	kg/h	3,37
Tank capacity	l	60
Autonomy	h	15
Power supply	V	220-240
Frequency	Hz	50
Rated current	A	0,6
Pressur pump	bar	10

XL9 S

2 STEP 1 STEP	Max capacity	kW	29
		Kcal/h	25000
		Btu/h	99300
		kW	43
		Kcal/h	37000
		Btu/h	146900

Combustible	Oil / Kerosene	
Net weight	Kg	69
Gross weight	Kg	85
Noisy	dBa	65
Fuel consumption	kg/h	2,3 1 STEP
		3,37 2 STEP
Tank capacity	l	60
Autonomy	h	21 - 15
Power supply	V	220-240
Frequency	Hz	50
Rated current	A	0,6
		10 1 STEP
Pressur pump	bar	18 2 STEP

PACKING

Dimensions packing	mm	1200 x 750 x 1130
Dimensions utilization	mm	1070 x 700 x 980
Pieces for Europallet	n°	1
Pieces full truck	n°	68

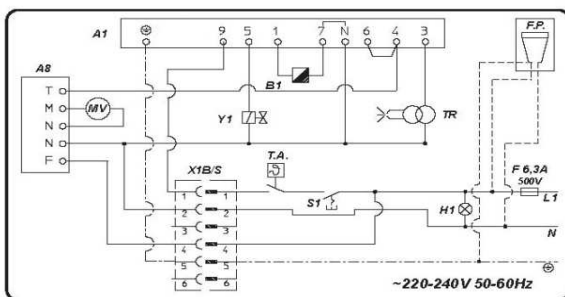
COMPONENTS

Pump	Danfoss BFP - rotary with element filter
Nozzle	DANFOSS 0,85 GPH 60° S 1 STEP
	DANFOSS 0,60 GPH 60° S 2 STEP
Flame control	Electronic board and separately transformer
Accenditore	Bifilar electrodes
Oil filter	In line da 60 µm
Burner	Professional independent burner
Tank	Materiale PE
Heat plate	Heat plate in inox AISI 309 S
Combustion chamber	Material ceramic fiber
Fuel level gauge	Fuel gauge on the tank

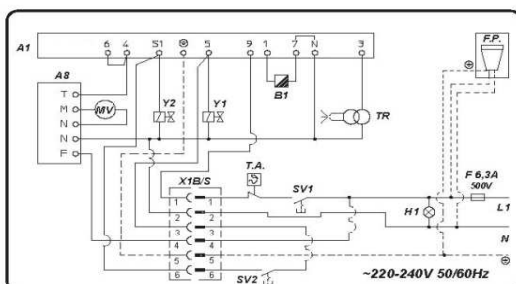
ACCESSORIES

Ambient thermostat	Thermostat TH5
Filter pre-heating	Predisposition for connecting the filter pre-heating

WIRING DIAGRAM



1 STEP



2 STEP

L1	:	Line
N	:	Neutral
TA	:	Ambient thermostat
S1	:	Switch
SV1	:	Switch
H1	:	Operate lamp
A1	:	Control flame
SV2	:	Switch second potentiality
A8	:	Control post-ventilation
B1	:	Photocell
MV	:	Motor ventilation
TR	:	Transformer
Y1	:	Electrovalve 1 STEP
Y2	:	Electrovalve 2 STEP
X1B/S	:	Power connector
F.P.	:	Filter pre-heating