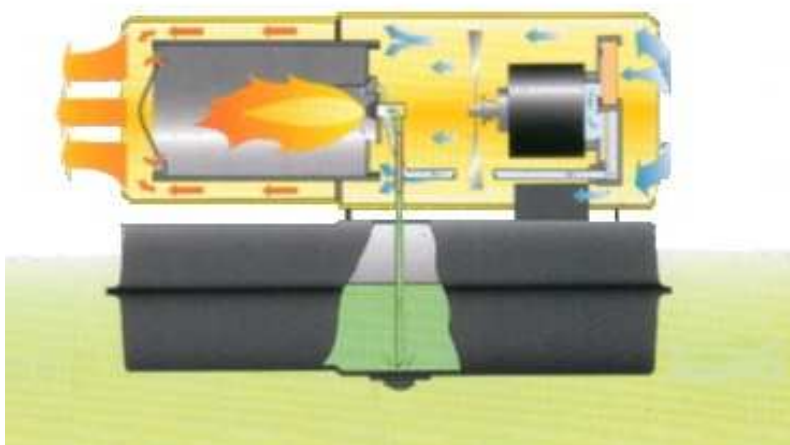


## DIRECT OIL HEATER

# B70



## FUNCTIONING PRINCIPLES



The compressor started by the motor compresses the air, which through the atomising nozzle, sucks up the fuel from the tank due to "VENTURI EFFECT". On contact with the igniter, the atomised fuel ignites inside the combustion chamber. The combustion product mixed with the flow of room air generated by the rotation of the fan and pushed towards the outside of the generator. A photoresistance, connected to the circuit board, constantly checks the correct functioning of the generator, stopping the cycle in the event of anomalies.

## TECHINICAL DATA

Max capacity	kW	20	Fuel consuption	kg/h	1,6	
	Kcal/h	17200				
	Btu/h	68300				
Combustible		Oil / Kerosene	Tank capacity	l	19	
Net weight		Kg	17	Autonomy	h	10
Gross weight		Kg	19	Power supply	V	220-240
Noisy		dBa	70	Frequency	Hz	50
Air displacement		m³/h	400	Rated current	A	0,8

## PACKING

Dimensions packing	mm	810 x 350 x 450
Dimensions utilization	mm	745 x 300 x 415
Pieces for Europallet	n°	15
Pieces full truck	n°	495

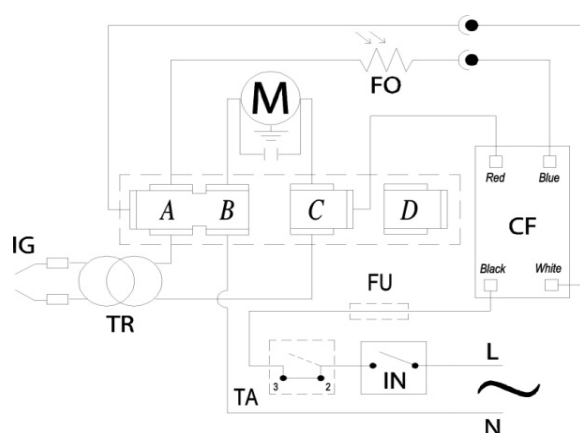
## COMPONENTS

Pump	Rotor with blade
Nozzle	Special nozzle for VENTURI EFFECTS
Flame control	Electronic board
Igniter	Bifilar elctrodes
Oil filter	In the oil line by 250 µm
Motor	Asynchronous, monophase, with thermal protection, clockwise rotation, 2850 g/1'
Tank	Material plated
Ambient thermostat	Predisposed for connection to ambient thermostat

## ACCESSORIES

Ambient thermostat	Thermostat TH5
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## WIRING DIAGRAM



L	:	Line
N	:	Neutral
TA	:	Ambient Thermostat
TR	:	Trasformatore
IG	:	Ignitor
FU	:	Fuse
CF	:	Flame control
FO	:	Photocellul
M	:	Motor