

## DSH00004

### **DIRECT OIL HEATER**

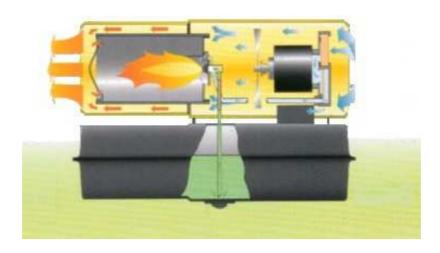
# **B150**



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#### **FUNCTIONING PRINCIPLES**



The compressor started by the motor compresses the air, whic through the atomising nozzle, sucks up yhe fuel from the tank due to "VENTURI EFFECT". On contact with the igniter, the atmomised 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 photoresitance, connected to the circuit board, constantly checks the correct functioning of the generator, stopping the cycle i nthe event of anomalies.

TECHINICAL DATA								
Max capacity	kW Kcal/h	44 37900		Fuel consuption	kg/h			
	Btu/h	150500		Tank capacity	l			
Combustible	Oil / Kerosene			Autonomy	h			
Net weight	Kg	25		Power supply	V			
Gross weight	Kg	28		Frequency	Hz			
Noisy	dBa	79		Rated current	А			
Air displacement	m³/h	900						

PACKING							
Dimensions packing	mm	1100 x 400 x 450					
Dimensions utilization	mm	1075 x 600 x 480					
Pieces for Europallet	N <sup>0</sup>	10					
Pieces full truck	N <sup>0</sup>	330					

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#### **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'

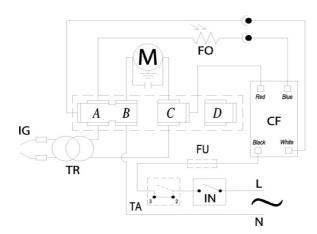
Tank Material plated

Ambient thermostat Predisposed for connection to ambient thermostat

#### **ACCESSORIES**

Ambient thermostat TH5

#### WIRING DIAGRAM



L : Line
N : Neutral

TA : Ambient Thermostat

TR : Transformer

IG : **Ignitor** FU : **Fuse** 

CF : Flame control
FO : Photocellul

M : Motor

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