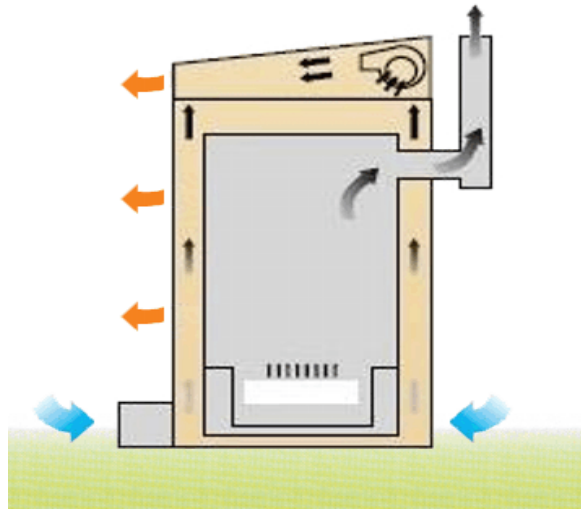


STATIONARY OIL HEATER

WA 33 C



FUNCTIONING PRINCIPLES



The combustion chamber heats and gives off heat to the surroundings when oil vapors are burning. The vapors are formed when fuel goes to the hot furnace. It warms up with a cup of oil inflamed by hand. Oil is supplied to the chamber by means of a gear pump. Heat transfer is supported by fan positioned above the combustion chamber. The furnace is working properly when correct chimney installation is guaranteed. Regulator allows to adjust correctly the heater. Safe operation of the furnace is provided with a set of thermostats. The thermostat starts the fan when it reached the right temperature. At this point, the pump turns on. Overheat thermostat turns off the pump when the air temperature is too high. If in the combustion chamber is too much oil it will flow into the overflow system and it turns off the pump. Power of the furnace can be continuously adjusted.

TECHNICAL DATA

Max capacity	kW	17/33	Fuel consumption	kg/h	1,5/2,8
	Kcal/h	14600/28400	Tank capacity	l	50
	Btu/h	58000/112600	Autonomy	h	33/17
Combustible	Diesel / Heating oil		Power supply	V	~230
Net weight	Kg	82	Frequency	Hz	50
Gross weight	Kg	90	Rated current	A	0,8
Noise level	dBa	70	Air displacement	m ³ /h	1000

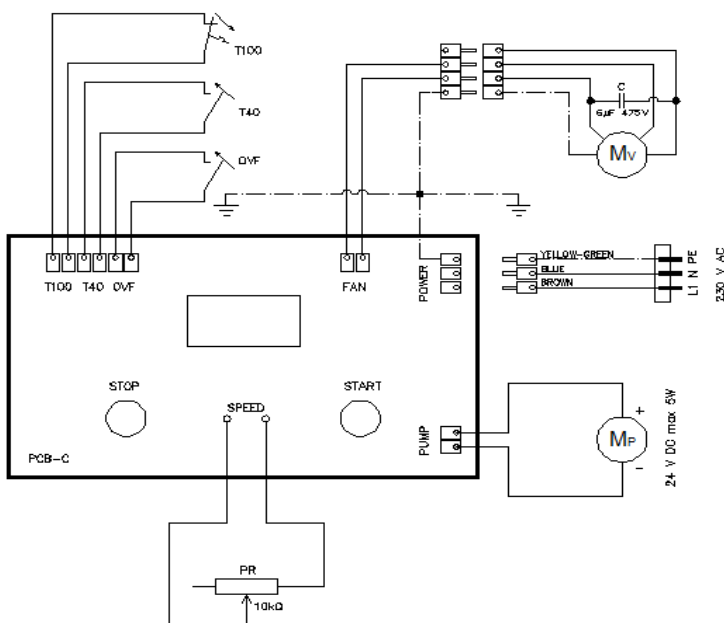
PACKING

Dimensions packing	mm	930 x 580 x 1530
Dimensions utilization	mm	850 x 540 x 1370
Pieces per pallet	n°	1
Pieces per truck 80m ³	n°	60

COMPONENTS

Pump	gear pump
Burner	evaporating
Igniter	by hand
Fuel filter	0,5mm
Motor	DC motor 12-24V, maximum speed 140 RPM, motor drives the fuel pump through the shaft
Tank	welded steel
Fan	radial with built-in motor

WIRING DIAGRAM



Mv	: centrifugal fan motor
C	: capacitor
Mp	: fuel pump motor
PR	: the pump motor speed control potentiometer
POWER	: connecting the power cord with plug
PCB-C	: driver
T100	: safety thermostat
T40	: fan control thermostat
OVF	: mikrowyłącznik przelewu
START	: overflow microswitch
STOP	: stop button