

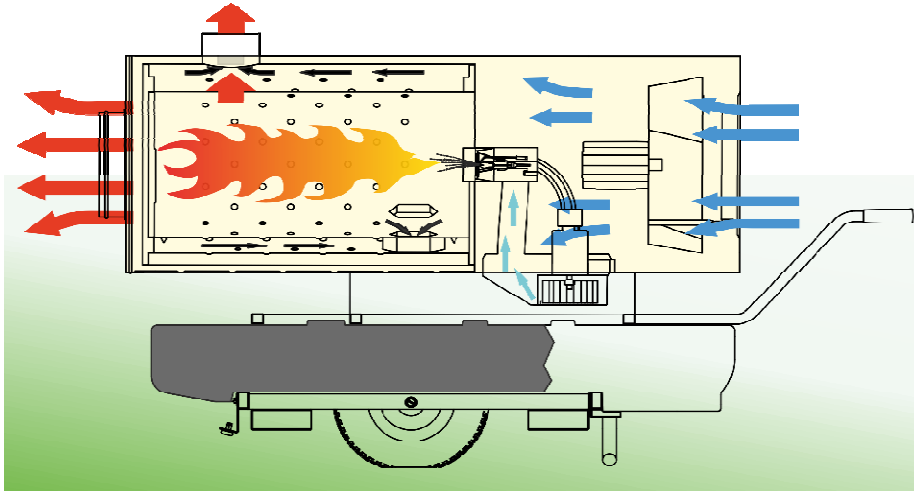
INDIRECT HEATER

BV 400

230 V / 50 Hz



FUNCTIONING PRINCIPLES



The unit is heating air that flows through it by combustion chamber and heat exchanger. Supply fuel is burnt in combustion chamber. Flue gas goes through heat exchanger outside to the chimney. Start of the device starts off the burner. After warming up the thermostat starts the fan. Cool air is sucked by fan. After heating air is exhausted outside through outlet panel. The automatic and safe thermostat (with manual reset) are responsible for safe and correct work of device. In case of too high temperature increase, automatic thermostat cut off the fuel supply to the burner. After that unit is chilled to safe temperature and then starts again. In case of critical temperature the unit is stopped by safe thermostat. Restart is only possible after chilling the unit and after manual reset the safe thermostat. Can be operated optional in heat mode and vent mode (without burner).

TECHNICAL DATA

Min capacity	kW	90	Max capacity	kW	110
	Kcal/h	77 400		Kcal/h	94 600
	Btu/h	307 00		Btu/h	375 000
Fuel consumption	kg/h	7,2	Fuel consumption	kg/h	8,5
Combustible	Oil / Kerosene		Fan		Plug-fan
Net weight	kg	200	Power supply	V	220 - 240
Gross weight	kg	230	Frequency	Hz	50
Noise level	dB(A)	73	Rated current	A	6,8
Air displacement	m ³ /h	6 200	Pressure	Pa	500
Air outlet	mm	1 x 400			

PACKING

Packaging dimensions	mm	1660 x 710 x 1660
Utilization dimensions	mm	2150 x 720 x 1270
Pieces per pallet	n°	1
Pieces per truck 80m ³	n°	21

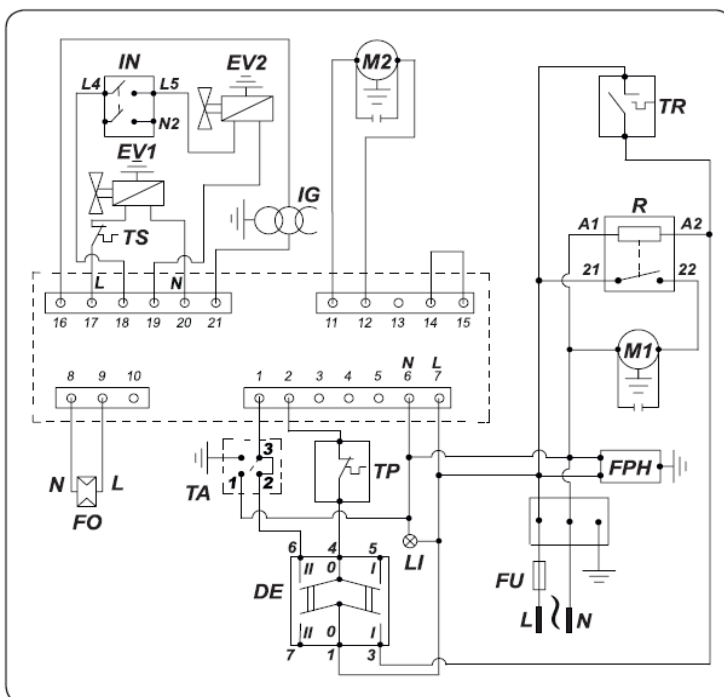
COMPONENTS

Burner	Mcs burner
Nozzle	2 GPH 60°S DANFOSS
Igniter	electrodes
Fuel filter	60 µm
Motor	asynchronous, monophase, 1400 g/1'
Fan	Plug fan Ø 600 mm
Room thermostat	predisposed for connection to room thermostat

ACCESSORIES

Room thermostat	thermostat TH5 - THD
Tank	150 l
Air distribution hoses	flexible hoses 7,6 m
Turning wheel	Pneumatic wheels
One way air-outlet panel	Ø 400
Other	Lifting arch, recirculation flange

WIRING DIAGRAM



M1	Motor ventilation
M2	Motor combustion
R	Relay
IN	Switch
FU	Fuse
DE	Deviator
LI	Light
FO	Photores
TA	Ambient thermostat
IG	Igniter
FPH	Filter pre-heater
TP	Thermostat oscillation
EV1	Electrovalve NC
EV2	Electrovalve NA
TS	Thermostat overheating
TR	Thermostat heating
L	Line
N	Neutral