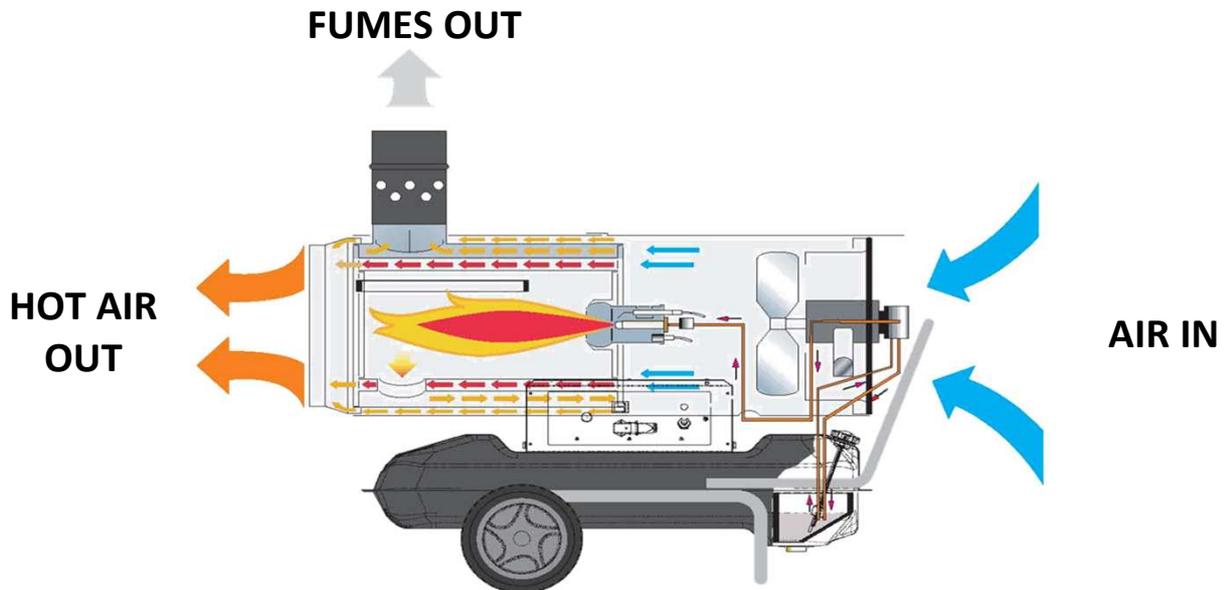


# INDIRECT HEATER

# BV 110E



## HEATER FUNCTIONING DIAGRAM



Indirect oil heaters are highly efficient devices that provide large volume of 100% clean, dry and fume free warm air. They are best for places with limited ventilation like shops, event's tents, food preparation areas or exhibition halls. They can be used with flexible hoses that make the warm air be spread around easily.

## SPECIFICATION

Power	kW	<b>34</b>	Fuel consumption	kg/h	<b>2,71</b>	
	kcal/h	<b>29 200</b>		Tank capacity	L	<b>65</b>
	Btu/h	<b>116 000</b>			Autonomy	h
Combustible	Diesel / Kerosene		Tension	V	<b>220-240</b>	
Net weight	kg	<b>60</b>	Frequency	Hz	<b>50</b>	
Gross weight	kg	<b>76</b>	Electric power	W	<b>800</b>	
Ø Fan	mm	<b>350</b>	Rated current	A	<b>3,5</b>	
Ø Chimney flue	mm	<b>150</b>	Noise level	dBa	<b>77</b>	
Performance	%	<b>85</b>	Pump pressure	bar	<b>12</b>	
Airflow	m <sup>3</sup> /h	<b>1 800</b>				

## PACKAGING

Packaging dimensions	mm	<b>1200 x 650 x 1000</b>
Device dimensions	mm	<b>1235 x 575 x 1000</b>
Pieces for pallet	n°	<b>1</b>
Pieces full truck	n°	<b>80</b>

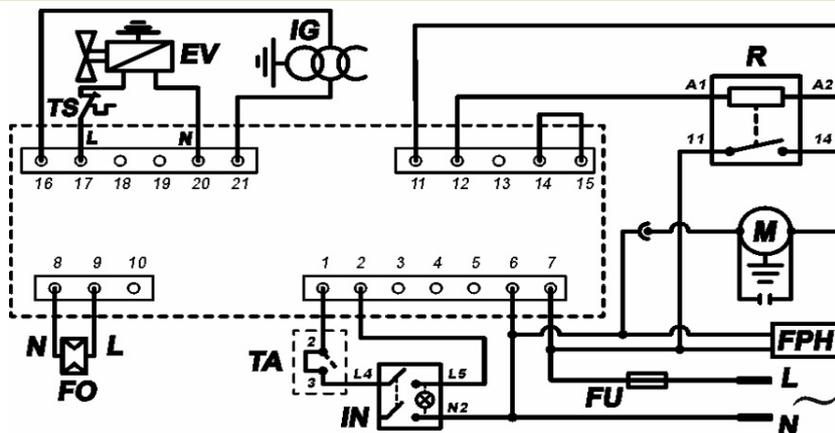
## COMPONENTS

Pump	Danfoss BFP - rotary with element filter
Nozzle	Danfoss 0,65 GPH 80° S
Flame control	Electronic board and separately transformer
Igniter	Bifilar electrodes
Fuel filter	In line da 60 µm
Overheat thermostat	Series / N.C. until at 90°C
Motor	Asynchronous, monophase, with thermal protection, Anticlockwise rotation, 2100 rpm
Tank	Material iron sheet
Room thermostat	Predisposition for connecting an ambient thermostat

## ACCESSORIES

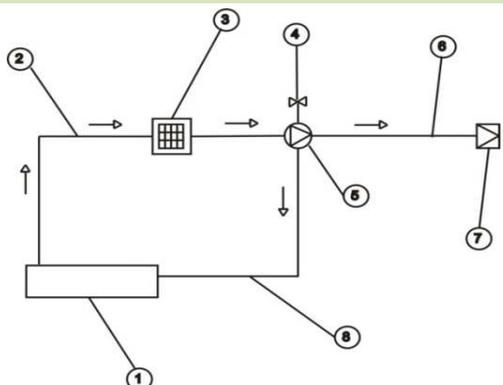
Room thermostat	Thermostat TH5
Hose flexible	Ø 407 - Lengh 7,6 m - first 2 meters are made high resistant material
Adaptor ring kit	Kit for hose flexible Ø 400 mm
Filter pre-heating	Predisposition for connecting the filter pre-heating

## WIRING DIAGRAM



*FO*: Photoresistance  
*TA*: Ambient thermostat  
*IG*: Transformer  
*FPH*: Pre-heating filter  
*M*: Motor  
*R*: Relay  
*IN*: Switch  
*FU*: Fuse  
*EV*: Electric valve  
*TS*: Overheat thermostat.  
*N*: Neutral  
*L*: Line

## FUEL DIAGRAM



1 : Tank  
 2 : Fuel pipe intake  
 3 : Fuel filter  
 4 : Electrovalve

5 : Pump  
 6 : Fuel pipe supply  
 7 : Nozzle  
 8 : Fuel return pipe