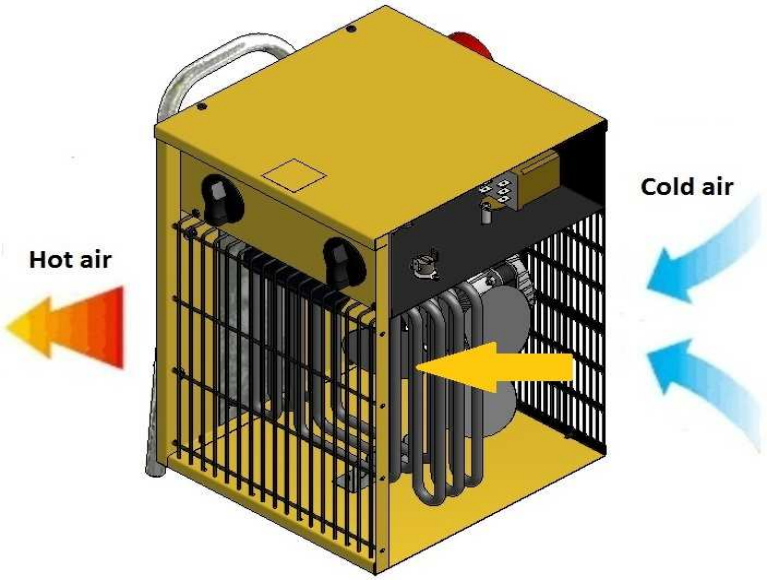
MASTER®
CLIMATE SOLUTIONS

DSH1005

ELECTRIC FAN HEATER

B5 EPB

FUNCTIONING PRINCIPLES



The device works on the principle offorced convection . The air flow is forced fan. Cold air is drawn in the back of the unit. Further washes flowing from the heater receives heat. The heated air is expelled in front of the heater. The device has a thermostat for the regulation temperatures 5-35 ^{o}C. The unit area equipped with thermal protection is acting automatically. The unit features: ventilation, heating with half the power, heating at full power. Device has cooling thermostat.

TECHNICAL DATA

Max capacity	kW Kcal/h Btu/h	**5** **4300** **17060**	Power supply	V	**400**
			Frequency	Hz	**50 - 60**
Combustible		Power	Rated current	A	**7,2**
Net weight	kg	**6,4**	Class of protection		**IP24**
Gross weight	kg	**6,8**			
Noisy level	dBa	**56**			
Air displacement	m³/h	**510**			

PACKAGING

Dimensions packing	mm	**382 x 320 x 437**
Dimensions utilization	mm	**290 x 350 x 380**
Pieces for Euro-pallet	n°	**30**
Pieces per truck 80m^3	n°	**990**

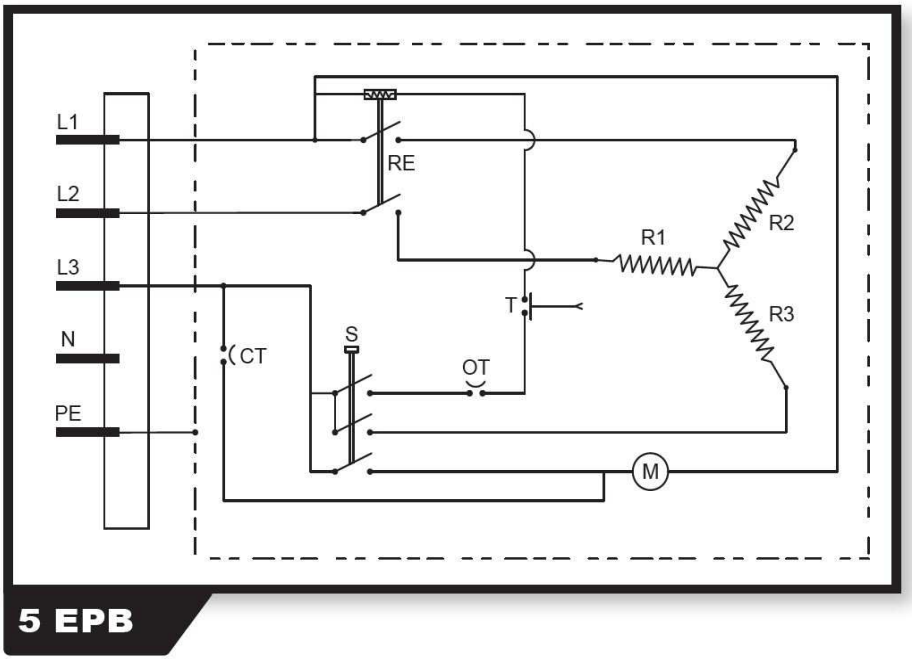
COMPONENTS

Heating elements	**1666 W**
Thermostat	**Bimetallic**
Fan	**ø230 mm**
Thermal protection	**80 °C**
Cooling Thermostat	**60 °C**
Relay	**14 A**
Motor	**Asynchronous, monophase, with impedance protection, counterclockwise rotation, 1300 rpm**

ACCESSORIES

Supply conductor Supply conductor	**5 m** **10 m**

WIRING DIAGRAM



5 EPB

L1	:	**Phase**
N	:	**Neutral**
WR	:	**Thermal cut-out**
WZ	:	**Room thermostat**
R1	:	**Hiting element**
R2	:	**Heating element**
R3	:	**Heating element**
T	:	**Thermostat**
M	:	**Motor**
PK	:	**Relay**