MASTER®
CLIMATE SOLUTIONS

DSH1116

ELECTRIC AIR HEATER

B 2 PTC



FUNCTIONING PRINCIPLES



The device works on the principle of forced convection. The airflow is forced by fan. The cold air is sucked in at the rear of the unit. The cold air becomes heated when flow through the PTC heating element. The heated air exits the front of the heater. The device can heat a half or full power. The device is equipped with thermal protection running automatically. The device has a thermostat for adjusting temperature in the range 0°C - 40°C.

TECHNICAL DATA

Max capacity	kW	**2**
	kcal/h	**1720**
	Btu/h	**6824**
Power source		**Electrical energy**
Net weight	kg	**1,9**
Gross weight	kg	**2,1**
Noise level	dB(A)	**57**
Air displacement	m^3/h	**97**

Power supply	V	**230**
Frequency	Hz	**50**
Max rated current	A	**8,7**

PACKING

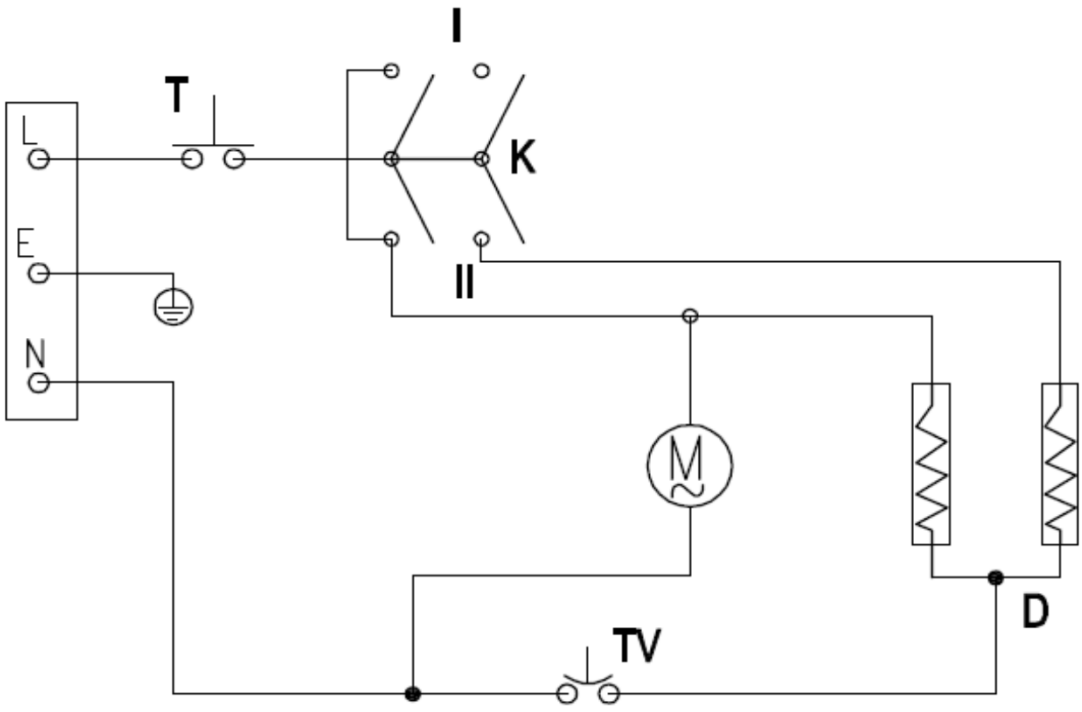
Package dimensions	mm	**200 x 200 x 205**
Device dimensions	mm	**175 x 190 x 195**
Pieces per Euro-pallet	n^o	**160**
Pallet dimensions	mm	**800 x 1200 x 1600**

COMPONENTS

Motor	**Asynchronous, monophase**
PTC heating element	**2 x 900W**
Thermostat	**Bimetallic, 0°C - 40°C**
Overheat thermostat	**Bimetallic, 60°C**

ACCESSORIES

WIRING DIAGRAM



T	THERMOSTAT
M	MOTOR
D	HEATING ELEMENT PTC
K	SWITCH
TV	OVERHEAT THERMOSTAT