

ELECTRIC FAN HEATER

EKO 3



FUNCTIONING PRINCIPLES



The device works on the principle of forced convection. The air flow is forced by a fan. Cold air is drawn at the bottom side of the unit. Then it flows through the electrical resistance and receives heat. The heated air is expelled at the top side of the heater. The device has a thermostat for the regulation of temperatures ranged 0-60°C. The unit area is equipped with thermal protection including a reset. The unit features: ventilation, heating at full power, external connection with digital thermostat. The device has a cooling thermostat. The increasing temperature is 16°C

TECHNICAL DATA

Max capacity	kW	2.8	Power supply	V	230	
	Kcal/h	2400		Frequency	Hz	50
	Btu/h	10000			Rated current	A
Combustible	Power		Temperature rise Δ T			°C
Net weight	kg	19				
Gross weight	kg	24				
Noise level	dBa	55				
Air Flow	m³/h	800				

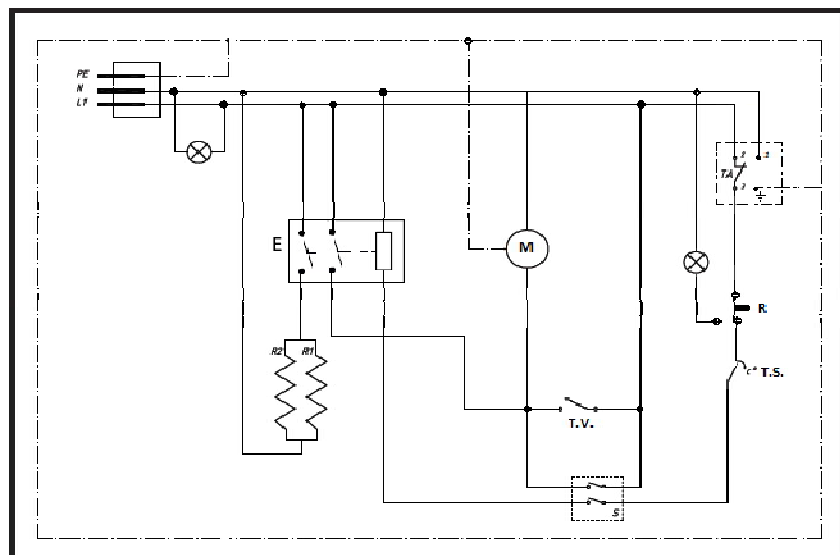
PACKING

Box size (l x w x h)	mm	500x400x655
Product size (l x w x h)	mm	455x440x600
Pallet	pcs	12
Truck 80m ³	pcs	384

COMPONENTS

Heating elements	2 x 1400 W
Thermostat	Capillary with probe sensor on air inlet 0°-60°C
Fan	Ø250mm
Thermal protection	90°C
Cooling Thermostat	60°C
Automatic reset Thermostat	75 °C
Motor	Asynchronous, thermal, with impedance protection, counterclockwise rotation, 1300rpm

WIRING DIAGRAM



L1	:	Phase
N	:	Neutral
R	:	Thermal cut-out (manual reset)
Ts	:	Limit thermostat (auto reset)
T	:	Thermostat on board
TA	:	Room thermostat
TV	:	Cooling thermostat
R1	:	Heating element
R2	:	Heating element
M	:	Motor
PK	:	Relay
S	:	Rotary Switch