

ELECTRIC FAN HEATER

EKO 3

FOR BUGS DISINFECTION
FOR REMOVING TOXIC CHEMICALS FROM BUILDINGS



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	2866		Frequency	Hz	50
	Btu/h	11260			Rated current	A
Combustible		Power				
Net weight	kg	19	Increase temp. ΔT	°C	16	
Gross weight	kg	21				
Noisy level	dBa	55				
Air Flow	m ³ /h	800				

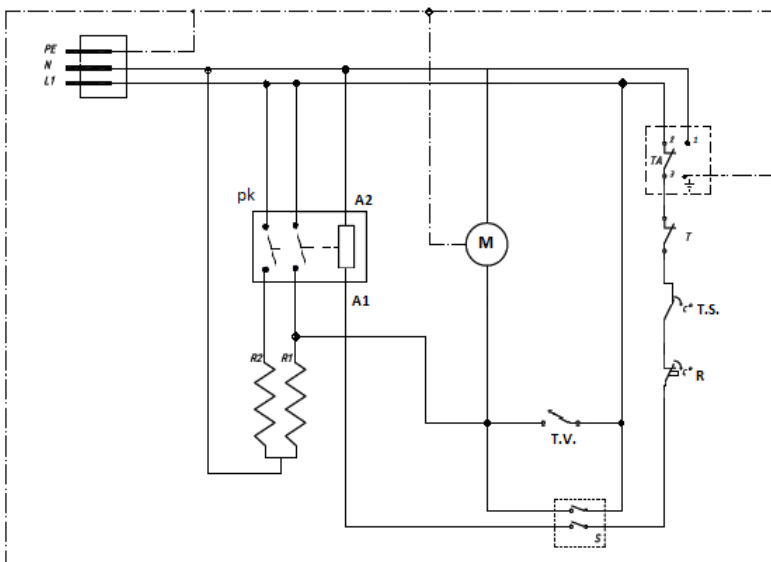
PACKING

Dimensions packing	mm	500x400x655
Dimensions utilization	mm	455x440x600
Pieces for Euro-pallet	n°	12
Pieces per truck 80m ³	n°	384

COMPONENTS

Heating elements	2 x 1400 W
Thermostat	Capillary with probe sensor on air inlet 0°-60°C
Fan	∅ 250mm
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