

Anti-Condensation Heater

Forced ventilation

PTC self-regulating thermistors (Positive Temperature Coefficient)

R12



MODEL

R12

APPLICATION

- Cabinets for Electrical Distribution
- Cabinets for Industrial Automation
- Electronic Panels

FEATURES

- High thermal capacity and compact size
- Supply voltage 230 VAC
- Din-rail Mounting

DESCRIPTION

Anti-condensation heater **avoids condensation** inside the electrical cabinets by maintaining the temperature above the dew point.

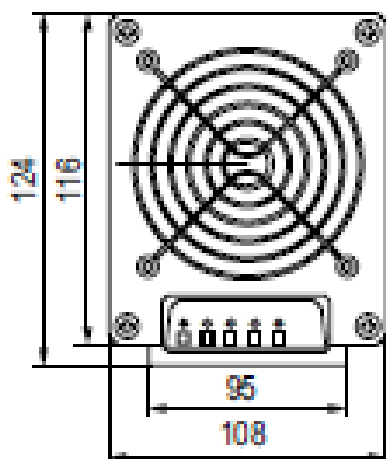
Anti-condensation heaters with PTC are self-regulating therefore avoid excessive temperature inside the electrical panel.

The dimensions are compact thanks to the integrated ventilation system.

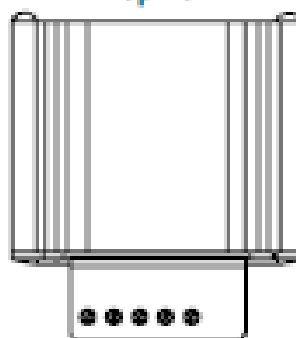
	TECHNICAL SPECIFICATIONS	UNIT	VALUE
1.	RESISTIVE ELEMENT	--	PTC Resistor
2.	NOMINAL VOLTAGE	Vac	230
3.	RANGE OPERATIVE VOLTAGE	Vac	230
4.	NOMINAL POWER 230VAC	W	See Table
5.	FREQUENCY	Hz	50-60
6.	OPERATING/STORAGE TEMPERATURE	°C	-45 + 70
7.	CONNECTION	mmq	Internal connection terminal 1.5mm ² with strain relief
8.	DEGREE OF PROTECTION IEC 60529	IP	IP 20
9.	VOLTAGE CLASS EN 60335-1	--	I
10.	INSULATING VOLTAGE (1min. 50 Hz)	Vac	1500
11.	PRODUCT STANDARD	--	EN 60335-1
12.	HEATSINK	--	Aluminium extruded anodized
13.	MOUNTING according to EN 60715	--	DIN-RAIL 35mm
14.	WEIGHT	Kg	See table
15.	MARKING	--	CE

OUTLINE

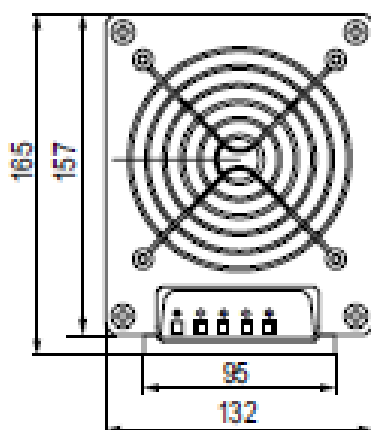
750 W



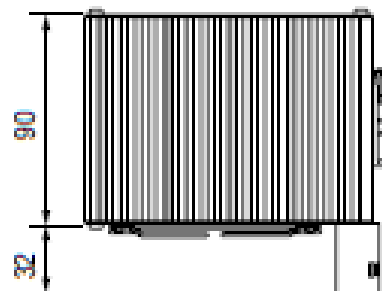
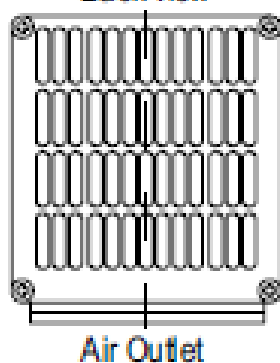
Top view



1000-1500 W



Back view



CODE	DESCRIPTION	NOMINAL POWER [W]*	VOLTAGE [Vac]	DIM L /A/S [mm]	WEIGHT [Kg]
R12750230	ANTI-CONDENSATION FAN HEATER R12	750	230	108X90X124	1,0
R121000230	ANTI-CONDENSATION FAN HEATER R12	1000	230	108X90X124	1,6
R121500230	ANTI-CONDENSATION FAN HEATER R12	1500	230	108X90X124	1,6

* The power value is indicative and depends on the operating temperature due to the non-linear behaviour of PTC technology.