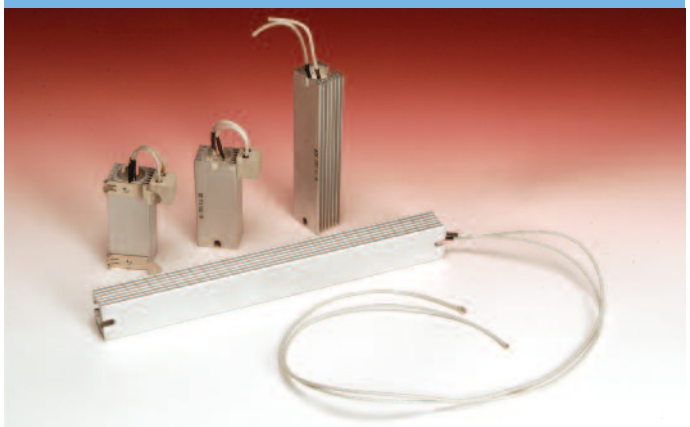
ANTICONDENSATION RESISTORS

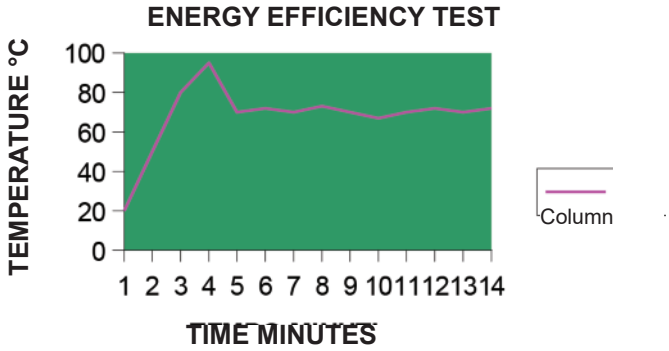
Mod. RCAP



The anti-condensation resistors RCAP are used to avoid the condensation and moisture problems inside electrical panels. Our anti-condensation resistors are equipped with an anodized aluminum heatsink which contains a thermostatic resistor; which is powered with a variable tension, from 12Vac to 380Vac; depending on the customer's needs; still having a steady surface temperature of 70°C

TYPE	POWER		DIMENSIONS	
	W	V	EXTERNAL	INTERNAL
RCAP/50	50W	110/250V	27x38x90	85 mm
RCAP/100	100w	110/250V	27x36x155	155 mm
RCAP160	160W	110/250V	27x36x200	195 mm
RCAP/200	200W	110/250V	27x36x250	245 mm
RCAP/250	250/300W	110/250V	27x36x300	295 mm
RCAP/500	400/500W	110/250V	27x36x400	395 mm

The anti-condensation resistors RCAP offer a remarkable caloric performance versus a limited power consumption. Standard DIN 35 OMEGA (EN50022) connector.
The standard use tension is 110/250v; however, resistors using customized tensions can be made upon request. The protection degree is IP 52 as per the IEC 529 regulation.
The dielectric strength is 3000vca @ 50Hz per minute (test made during a standard work cycle on every single product made, in humid environment).The best performance is obtained by placing the resistor vertically.
All our products are made with fireproof and lead free materials



Conditions: the test has been made in a laboratory with initial temperature 20°C = minute 0. The tested resistor was installed in an electric panel IP44 powered @ 230v.
Specifications: Electrical panel dimensions 100x40x25 cm, IP44. Horizontally mounted resistor.
Results: Temperature was measured with high precision infrared thermometer: operating temperature was reached in 5 minutes. Maximum temperature oscillation was +/- 2°C.
The graph shows only the first moments of the stabilization

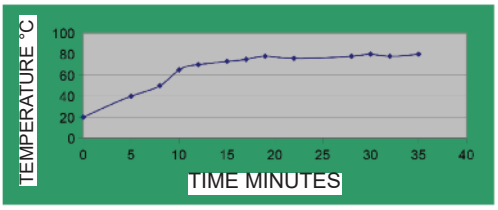
Mod. RCAP 1

The anti-condensation resistors RCAP 1 are used to avoid the condensation and moisture problems inside electrical panels.
Our anti- condensation resistors are equipped with an anodized aluminum heatsink, which contains a thermostatic resistor; which is powered with a variable tension, from 110AC/DC to 260VAC/CC; with a steady surface temperature of 70/80°C

TYPE	POWER		DIMENSIONS
	W	V	ESTERNAL
RCAP1/30	30W	110/260V	25x65x105 mm
RCAP1/50	50W	110/260V	25x65x135 mm
RCAP1/75	75W	110/260V	25x65x135 mm
RCAP1/100	100W	110/260V	25x65x155 mm
RCAP1/150	150W	110/260V	25x65x185 mm
RCAP1/250	250W	110/260V	25x65x230 mm

The anti-condensation resistors RCAP offer a remarkable caloric performance versus a limited power consumption. The DIN 35 OMEGA (EN50022) connector is available on request. The standard use tension is 110/260v; however, resistors using customized tensions can be made upon request. The protection degree is IP 20 as per the IEC 529 regulation. The dielectric strength is 3000vca @ 50Hz per minute (test made during a standard work cycle on every single product made, in humid environment). The best performance is obtained by placing the resistor vertically.
All our products are made with fireproof and lead free materials.
TECHNICAL SPECIFICATIONS: nominal tension 110-260V AC/DC. Thermic element PTC cold conductor. Anodized aluminum heatsink. DIN 35 OMEGA (EN50022) connector. Protection level IP20. Operating temperature -20°C+75°C

ENERGY EFFICIENCY TEST



Conditions: the test has been made in a laboratory with initial temperature 20°C = minute 0. The tested resistor was installed in an electric panel IP44 powered @ 230v.
Specifications: Electrical panel dimensions 100x40x25 cm, IP44. Horizontally mounted resistor.
Results: Temperature was measured with high precision infrared thermometer: operating temperature was reached in 10 minutes. Top temperature was 80°C after 32 minutes. Maximum temperature oscillation was +/- 2°C.
The graph shows only the first moments of the stabilization.