

Aluminum Case Resistors



Post Glover's hermetically sealed Aluminum Case Resistors can be used in any AC or DC power circuit and are most commonly used for light-duty braking of variable frequency drives, space heating and any other low wattage applications.

The compact size of this IP65 unit makes it ideal for an application where space is at a premium and moisture is a concern. This unit is designed for applications in the industrial automation, railway and energy markets.



Electrical and Mechanical Ratings

Sizes

Aluminum Case resistors are available in (4) standard sizes rated between 200 to 370 continuous watts per assembly. The overall size of the case determines the wattage rating and can be varied to meet specific ratings. Units can be customized to any resistance value within the resistance ranges listed in the table on page 2.

Leads

The standard lead length is 12".

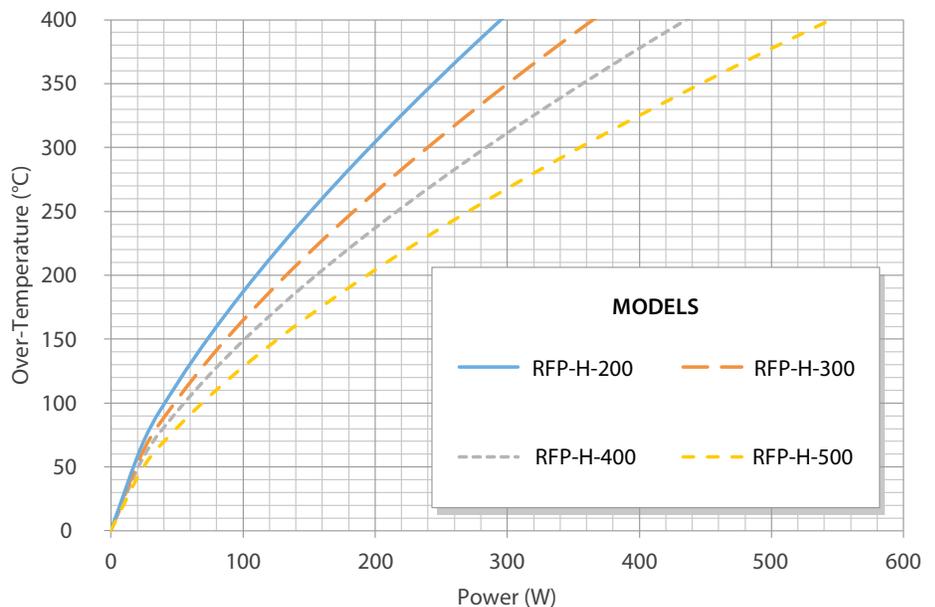
Voltage Insulation

A standard Aluminum Case resistor is insulated for up to 1000 volts maximum.

Temperature

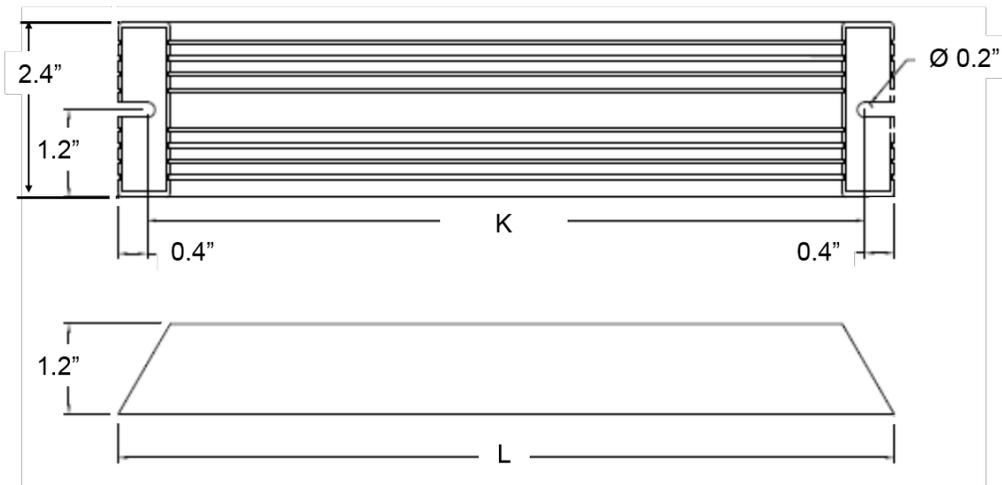
Standard ratings are based on ambient temperatures of 25°C, with a 300°C rise.

Power vs. Over-temperature

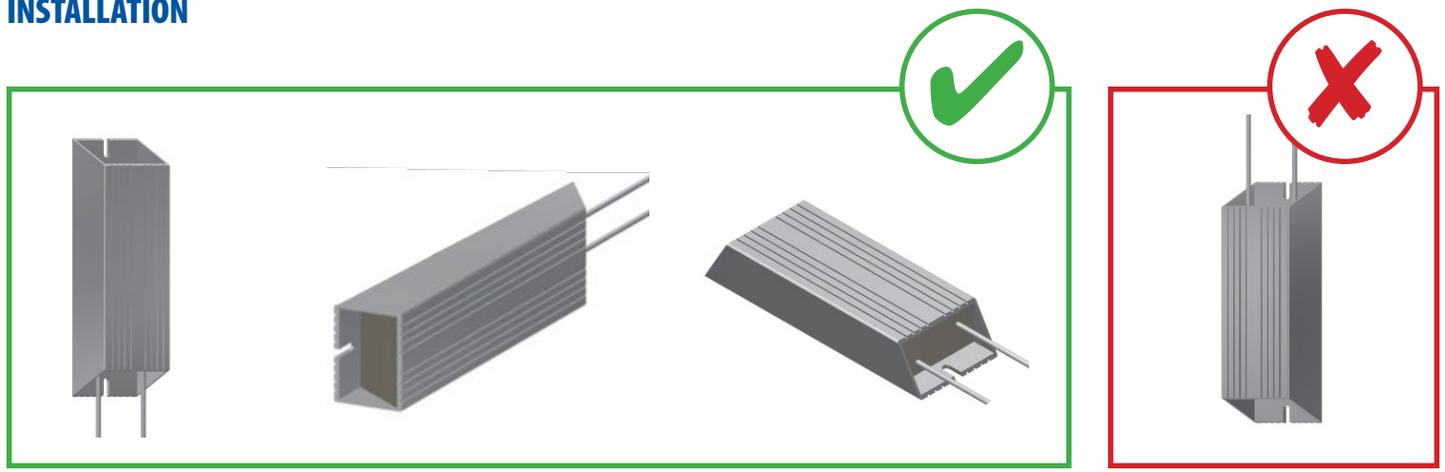


DIMENSIONS

Model	Ohm, range	Watts, Continuous	Length, "L" Dimension	"L" (In)	"K" (In)
RFP-H-200	1.0 – 220	200	1	6.6	5.8
RFP-H-300	1.8 – 390	240	1.4	8.5	7.75
RFP-H-400	2.7 – 560	300	1.7	10.5	9.75
RFP-H-500	3.3 – 820	370	2.2	13.3	12.5



INSTALLATION



Acceptable Orientation

WARNING: Do not mount unit with leads pointing upwards.