

Glass tube heater

Configuration

It is coiled as spring strip used resistance wire, inset it into glass tube, the both sides of glass tube are-made of heat resistant material, connect lead wire to resistance wire in the head



Applications

Quartz glass tube heaters are mainly used in refrigeration and microwave ovens. Catalysis odorizing glass tube heater attached peculiar smell will be catalyzed and oxidized to carbon dioxide and water, therefore, get the effect of deodorization.

Type

RBG1: transparent glass tube

RBG2: deodorization

RBG3: opaque glass tube

RBG4: two-double vacuum glass tube

RBG5: two-double transparent glass tube

The above are small power ones for defrosting in refrigerator. With the power range 100W~300W, they are airproofed on the ends with rubber.

RBG6: barbecuing tube

The heater is cooking heat source in the microwave oven. Generally 2 pcs as one suite in series and the power of single tube is 400W~600W. Bigger surface load and higher radiating coefficient make the microwave cooking food more quick!

Technical data

	RGB1, RGB2, RGB3, RGB4, RGB4	RGB6
Dimension & Geometric Shape	According with the drawing	
Output	Up to 300W	Up to 600W
Voltage	Voltage on request	
Tolerance on resistance	$\leq \pm 5\%$	
Insulation resistance in normal temperature	$\geq 100M\Omega$	
Withstand vibrability	Amplitude is 2mm, frequency is 20Hz, vibration is 30s, stop is 5s, continuation is 30min, no break on the glass tube, no looseness of the parts	
Withstand impact	Every parts are not damaged when falling down from 40mm height	
Connected strength	The wire and the terminal $\geq 49N$	
	The heating wire and the wire $\geq 49N$	
Withstand break strength of glass tube	$\geq 49N/150mm$	
Appearance	According to the requirement of safety and beautiful appearance	