

Datasheet

Ceramic Heating Element, 10.5in, 500 W, 240 V ac

RS Stock number 724-1762



Strip heaters & finned strip heaters

The Finned and Strip Heater is a versatile and economical heating source typically used across a wide range of applications, including surface heating (platens, dies, moulds, tanks, piping); process air heating (drying cabinets, ovens, baking ovens, vacuum dehydrating ovens, moisture protection for motors); dropping resistors for line applications in railroads and load banks; defrosting (hoppers, conveyors, ducts, car heating, thawing); original equipment (air conditioning, laboratory equipment, food packaging, ovens, presses, drying equipment). The fins improve heat transfer in free or forced air heating applications.

Features & benefits at a glance

- constructed of specially selected, high grade materials, including high temperature alloy resistance wire, corrosion-resistant aluminised steel sheath (suitable for maximum sheath temperature less than 1000°F) and 0.022" thick cadmium plated steel fins
- controlled coil process and placement assures uniform heat distribution over the entire active surface of the heater
- special refractory material possesses excellent heat transfer characteristics, superior insulation properties and rigid vibration resistance to provide a heavy-duty heating unit
- slotted mounting tabs allow lineal expansion during initial heat-up period
- rated at 120V or 240V, depending on size; secondary insulators must be used when voltage to ground exceeds 300V
- high-voltage models rated up to 600V when secondary insulators are used
- maximum amps of 48 amps
- wattage ranges from 725 to 2100 W depending on size of heater
- overall length limit of 42 1/2"; effective length limit of 39"

Strip Heaters standard stock sizes

Part Number	Wattage	Voltage	Length	Actual Length	MTG Hole C to C
SS2022G103	210w	240v	5.5"	5.5"	4.625"
SS2072	250w	240v	8"	8"	7.125"
SS2092G102	400w	240v	8"	8"	7.125"
SS2113G100	300w	240v	10.5"	10.5"	9.625"
SS2172	500w	240v	12"	11.75"	10.875"
SS2172G118	750w	240v	12"	11.75"	10.875"
SS2212G115	500W	240V	15"	15"	14.125"
SS2272G105	750w	240v	18"	17.75"	16.875"
SS2412	1000w	240v	23.5"	23.75"	22.625"
SS2412G124	1800w	240v	23.5"	23.5"	22.625"
SS2502G108	2000w	240v	30.5"	30.25"	29.375"
SS2552G111	2500w	240v	35.75"	35.75"	34.875"



Part Number Wattage Voltage Length Actual Length MTG Hole C to C

FS1012G100	400w	240v	8"	8"	7.125"
FS1022G109	300w	240v	10.5"	10.5"	9.625"
FS1032	500w	240v	12"	11.8"	10.875"
FS2012G107	750w	240v	12"	11.8"	10.875"
FS2012G106	1250w	240v	12"	11.8"	10.875"
FS1052	500w	240v	15"	15"	14.125"
FS1062G127	1250w	240v	18"	17.8"	16.875"
FS1092	1000w	240v	23.75"	23.5"	22.625"
FS2112G103	2500w	240v	35.75"	35.8"	34.875"

