

## Datasheet

# Ceramic Heating Element, 12in, 750 W, 240 V ac

RS Stock number 724-1725



## 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
<b>SS2022G103</b>	210w	240v	5.5"	5.5"	4.625"
<b>SS2072</b>	250w	240v	8"	8"	7.125"
<b>SS2092G102</b>	400w	240v	8"	8"	7.125"
<b>SS2113G100</b>	300w	240v	10.5"	10.5"	9.625"
<b>SS2172</b>	500w	240v	12"	11.75"	10.875"
<b>SS2172G118</b>	750w	240v	12"	11.75"	10.875"
<b>SS2212G115</b>	500W	240V	15"	15"	14.125"
<b>SS2272G105</b>	750w	240v	18"	17.75"	16.875"
<b>SS2412</b>	1000w	240v	23.5"	23.75"	22.625"
<b>SS2412G124</b>	1800w	240v	23.5"	23.5"	22.625"
<b>SS2502G108</b>	2000w	240v	30.5"	30.25"	29.375"
<b>SS2552G111</b>	2500w	240v	35.75"	35.75"	34.875"





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

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

