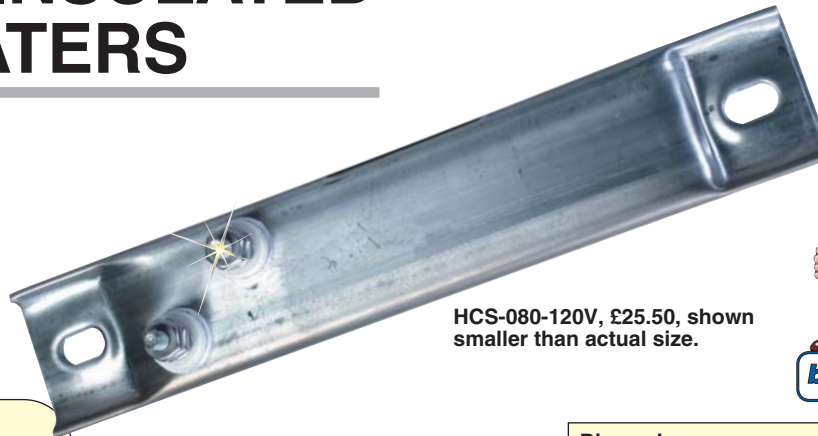


CERAMIC-INSULATED STRIP HEATERS

HCS Series Starts at
£24⁷⁵



HCS-080-120V, £25.50, shown smaller than actual size.



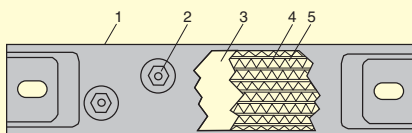
APPLICATIONS

- ✓ Dies
- ✓ Moulds
- ✓ Plastic Forming and Sealing
- ✓ Tank and Kettle Heating

(For specific applications, correctly rated elements should be used to prevent overheating and to ensure long life)

FEATURES

The HCS Series stainless steel strip heaters provide clean, dependable heat with sheath temperatures up to 649°C and watt densities up to 40 W per square inch. Because of the seamless stainless steel sheath, these ceramic-insulated strip heaters are dimensionally stable in milled slots.



CONSTRUCTION

1. Seamless stainless steel sheath
2. Post terminals
3. Ceramic element support
4. Element wire situated close to outside surface for maximum heat transfer and minimum internal temperature while preserving good dielectric qualities
5. Magnesium oxide packing

Tolerances

Width: 38.1 mm ±0.26 mm

Length:

Up to 600 mm: ±1.6 mm

600 mm and Over: ±3.2 mm

Thickness: 9.5 mm ±0.13 mm

Wattage Tolerances:

-10 to 5% at rated voltage

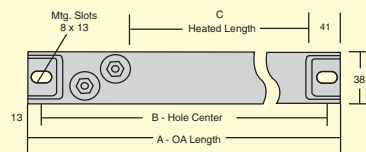
Formula for Determination of Watt Density

$$\text{Watts/sq. in.} = \frac{\text{Total unit wattage}}{C (\text{heated length}) \times 3}$$

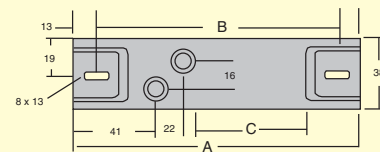
Standard Termination

Offset at one end

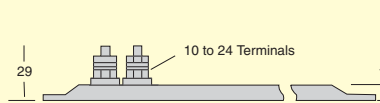
Dimensions: mm



Dimensions: mm



Dimensions: mm



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Description	Watts	Dimensions: cm			
				A	B	C	
HCS-055-120V	£24.75	Strip heater	150	13	10	3	
HCS-055-240V	24.75	Strip heater	150	13	10	3	
HCS-080-120V	25.50	Strip heater	250	20	18	5	
HCS-080-240V	25.50	Strip heater	250	20	18	5	
HCS-081-120V	25.50	Strip heater	330	20	18	5	
HCS-081-240V	25.50	Strip heater	330	20	18	5	
HCS-105-120V	25.50	Strip heater	300	25	23	13	
HCS-105-240V	25.50	Strip heater	300	25	23	13	
HCS-120-120V	28.00	Strip heater	500	30	28	18	
HCS-120-240V	28.00	Strip heater	500	30	28	18	
HCS-121-120V	28.00	Strip heater	750	30	28	18	
HCS-121-240V	28.00	Strip heater	750	30	28	18	
HCS-152-120V	29.50	Strip heater	500	38	36	25	
HCS-152-240V	29.50	Strip heater	500	38	36	25	
HCS-180-120V	31.50	Strip heater	750	46	43	30	
HCS-180-240V	31.50	Strip heater	750	38	36	25	
HCS-181-120V	31.50	Strip heater	1250	46	43	30	
HCS-181-240V	31.50	Strip heater	1250	38	36	25	
HCS-237-240V	36.00	Strip heater	1000	58	56	46	
HCS-300-240V	41.50	Strip heater	2000	7	74	61	
HCS-357-240V	47.00	Strip heater	2500	35	86	76	
PE-1010	63.00	Reference Book: Engineering Design Process					

Comes with complete operator's manual.

Ordering Example: HCS-080-120V, strip heater, 120V, 250 W, £25.50.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters