



Cartridge Heaters

Low to Medium Watt Density

U.L. Recognized – E56973
C.S.A. Certified 016386-0-000

CARTRIDGE



Applications:

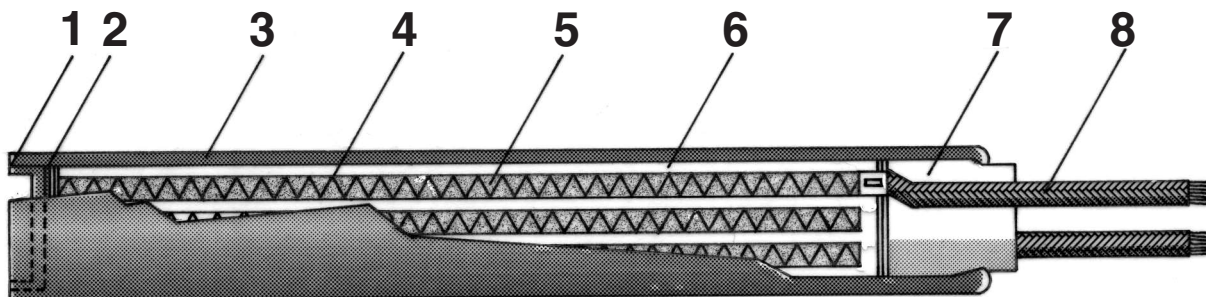
Compressor Crankcase Heating, Copiers, Dies, Food Processing, Glue Pots, Heat Sealing, Hot Melt Adhesive, Labeling, Medical Equipment, Packaging, Photographic Processing, Plastic Molding, Platens, Wax Pots.

Features:

- Hotwatt Precision Cartridge Heaters provided localized heat to restricted work areas requiring close thermal control. Dies, platens, and a variety of other types of processing equipment are efficiently heated. Closely controlled work temperatures up to 1250°F are obtained by a combination of heater location and proper wattage output.
- Basic designs are readily adaptable to a wide variety of special requirements, sizes, or ratings.
- Maximum surface temperatures up to 1250° F (677°C).
- Designations are etched on the sheath to preserve accurate shape.
- Heating elements arranged just beneath outside surface for maximum heat transfer, minimum core temperature and faster heating.
- Made in U.S.A.
- Where specified, units can be supplied liquid tight.
- Long, trouble free service.

Construction:

- 1 Heliarc welded end seal.
- 2 Mica.
- 3 Series 300 stainless steel sheath of precision dimensions and tolerances for intimate, stable, non-oxidizing contact with cavities machined for them.
- 4 Element wire situated in close proximity to outside surface for maximum heat transfer and minimum internal temperature while preserving good dielectric qualities.
- 5 Magnesium oxide packing.
- 6 Ceramic element support.
- 7 Ceramic cap.
- 8 Teflon insulated leads: ¼" diameter
Fiberglass leads: ⅜" – ¾" diameter
Post terminals: ⅛" – 2⅜"





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Diameter: $\frac{5}{8}$ "

Length	Cat.No.	Watts	Volts	Watt Density w/in. ²	Approx. Wght. (lbs.)
2½"	SC62-2.5	75	240	20	.15
2½"	SC62-2.5	200	240	50	.15
3"	SC62-3	250	240	50	.21
3½"	SC62-3.5	300	240	50	.25
4"	SC62-4	350	240	50	.29
5"	SC62-5	450	240	50	.35
6"	SC62-6	400	240	30	.44
6"	SC62-6	540	240	50	.44
7"	SC62-7	635	240	50	.57
8"	SC62-8	750	240	57	.55

Diameter: $\frac{5}{8}$ " (continued)

Length	Cat.No.	Watts	Volts	Watt Density w/in. ²	Approx. Wght. (lbs.)
9"	SC62-9	950	240	55	.63
10"	SC62-10	1000	240	53	.68
12"	SC62-12	1200	240	53	.75
18"	SC62-18	1500	240	44	1.03
20"	SC62-20	1500	240	40	1.25
24"	SC62-24	2000	240	44	1.47
24"	SC62-24	2500	240	65	1.47