



Cartridge Heaters

Low to Medium Watt Density

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

CARTRIDGE



Applications:

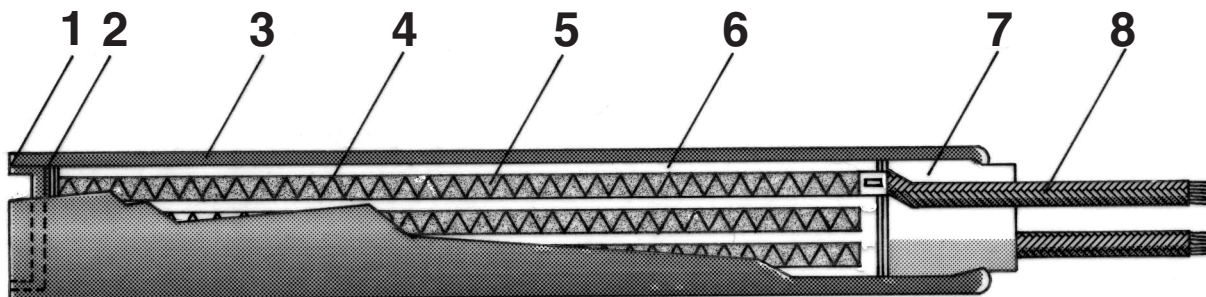
Compressor Crankcase Heating, Copiers, Dies, Food Processing, Glue Pots, Heat Sealing, Hot Melt Adhesive, Labeling, Medical Equipment, Packaging, Photographic Processing, Plastic Molding, Platens, Wax Pots.

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: ¼"

Length	Cat.No.	Watts	Volts	Watt Density w/in. ²	Approx. Wght. (lbs.)
1"	SC25-1	20	120	35	.01
1¼"	SC25-1.25	20	120	25	.01
1½"	SC25-1.5	7	120	7	.02
1½"	SC25-1.5	12	120	12	.02
1½"	SC25-1.5	30	120	30	.02
1½"	SC25-1.5	50	120	50	.02
2"	SC25-2	12	120	9	.03
2"	SC25-2	50	120	35	.03
2¼"	SC25-2.25	20	120	12	.03
2½"	SC25-2.5	20	120	9	.04
2½"	SC25-2.5	65	120	35	.04

Diameter: ¼" (continued)

Length	Cat.No.	Watts	Volts	Watt Density w/in. ²	Approx. Wght. (lbs.)
3"	SC25-3	25	120	11	.05
3½"	SC25-3.5	25	120	9	.06
3½"	SC25-3.5	90	120	35	.06
4"	SC25-4	25	120	10	.07
4"	SC25-4	110	120	40	.07
4½"	SC25-4.5	25	120	7	.08
4½"	SC25-4.5	110	120	30	.08
7"	SC25-7	40	120	8	.12
7"	SC25-7	150	120	29	.12