

Cable Heaters

F.O.B.: St. Louis, Missouri

Versatile, Standard Cable Heaters

How to Order

To order your stock cable heater, specify:

- Watlow code number and/or voltage and wattage specifications
- Forming options (required information):
 - Straight** - standard option unless otherwise specified
 - Nozzle** - coil I.D., coil width, lead orientation
 - Distributed nozzle** - coil I.D., coil width, lead orientation, number of zones
 - Sinuated** - height, width, bend radius, lead orientation

Starwound - coil O.D., coil width, lead orientation

Flat spiral - spiral I.D., spiral width, lead orientation

- Lead wire options (required information):

Standard - 14 inch crimped-on fbg unless otherwise noted

Fiberglass - various lengths available

Teflon® - various lengths available

- Lead protection options (required information):

Standard - 12 inch crimped-on stainless steel hose unless otherwise noted

SS hose - various lengths available

SS braid - various lengths available

Fiberglass braid - various lengths available

- Internal thermocouple option: Type J thermocouple
- See stock product list for available units.
- Special adders

If the stock units do not meet application needs, consult factory for a quote on made-to-order units.

Availability

Stock: Straight units can be formed on request requiring one to two working days, contingent upon quantity and required options.

Made-to-Order: Delivery dependent on complexity of order. Consult factory for price and delivery quotations.

Cable Heater Stock Units (Internal Thermocouple Not Available)

Straight Cable Length in (mm)	Volts	Watts	Watt Density W/in ² W/cm ²	No-Heat Length in (mm)	Lead Wire	Lead Protection	Code Number
0.062-inch Diameter Round (with ±10 percent wattage tolerance)							
24 (609.6)	120	240	51 (7.9)	0.00 (0.00)	14" (355.6 mm)	12" (304.8 mm)	62H24A6X
36 (914.4)	120	400	57 (8.8)	0.00 (0.00)	Fiberglass	SS hose	62H36A5X
56 (1422.4)	120	330	30 (4.7)	0.00 (0.00)	unless otherwise specified	unless otherwise specified	62H56A4X
65 (1651.0)	120	500	39 (6.0)	0.00 (0.00)			62H65A3X
0.094-inch Diameter Round (with ±5 percent wattage tolerance)							
30 (762.0)	230	125	17 (2.6)	5.00 (127.00)	36" (914.4 mm)	Lead protection not available	94PC30A1X
30 (762.0)	230	250	34 (5.3)	5.00 (127.00)	swaged-in Teflon® leads only		94PC30A2X
0.125 inch Diameter Round (with ±10 percent wattage tolerance)							
18 (457.2)	240	250	35 (5.4)	1.50 (38.10)	14" (355.6 mm)	12" (304.8 mm)	125CH18A4X
19 (482.6)	120	165	21 (3.3)	1.50 (38.10)	Fiberglass	SS hose	125CH19A1X
24 (609.6)	120	275	29 (4.5)	1.50 (38.10)	unless otherwise specified	unless otherwise specified	125CH24A1X
24 (609.6)	240	275	29 (4.5)	1.50 (38.10)			125CH24A14X
38 (965.2)	240	325	21 (3.3)	1.50 (38.10)			125CH38A1X
38 (965.2)	120	175	12 (1.9)	1.50 (38.10)			125CH38A2X
47 (1193.8)	240	260	14 (2.2)	1.50 (38.10)			125CH47A1X
47 (1193.8)	120	235	12 (1.9)	1.50 (38.10)			125CH47A2X
47 (1193.8)	120	375	20 (3.1)	1.50 (38.10)			125CH47A3X
47 (1193.8)	240	345	19 (2.9)	1.50 (38.10)			125CH47A4X
65 (1651.0)	240	420	16 (2.5)	1.50 (38.10)			125CH65A1X
65 (1651.0)	240	675	27 (4.2)	1.50 (38.10)			125CH65A2X
95 (2413.0)	240	1000	28 (4.3)	0.00 (0.00)			125CH93A1X

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Cable Heater Stock Units (Internal Thermocouple Not Available)

Straight Cable Length in (mm)	Volts	Watts	Watt Density W/in ² W/cm ²	No-Heat Length in (mm)	Lead Wire	Lead Protection	Code Number
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0.125 inch Diameter Round (with ±10 percent wattage tolerance)

126 (3200.4)	240	1500	30 (4.7)	0.00 (0.00)	48" (1219 mm)	Lead protection is available upon request	125H126A4A
150 (3810.0)	240	2000	34 (5.3)	0.00 (0.00)	swaged-in		125H150A3A
223 (5664.2)	240	3000	34 (5.3)	0.00 (0.00)	Fiberglass leads only		125H223A1A

0.128 inch Square Cross-Section (with ±10 percent wattage tolerance)

12 (304.8)	120	200	36 5.6	1.50 (38.10)	14" (355.6 mm)	12" (304.8 mm)	125PS12A24A
12 (304.8)	240	200	36 5.6	1.50 (38.10)	Fiberglass	SS hose	125PS12A23A
20 (508.0)	120	300	31 4.8	1.50 (38.10)	unless otherwise specified	unless otherwise specified	125PS20A37A
20 (508.0)	240	300	31 4.8	1.50 (38.10)			125PS20A38A
30 (762.0)	120	450	30 4.7	1.50 (38.10)			125PS30A47A
30 (762.0)	240	450	30 4.7	1.50 (38.10)			125PS30A48A
38 (965.2)	240	600	31 4.8	1.50 (38.10)			125PS38A23A

Cable Heater Stock Units (Type J Internal Thermocouple)

Straight Cable Length in (mm)	Volts	Watts	Watt Density W/in ² (W/cm ²)	No-Heat Length in (mm)	Lead Wire	Lead Protection	Code Number
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0.125-inch Diameter Round (with ±10 percent wattage tolerance), Thermocouple located in center of heated section.

24 (609.6)	120	275	29 (4.5)	1.50 (38.10)	48" (1219 mm)	Lead protection is available upon request	125CH24A13X
38 (965.2)	120	175	12 (1.9)	1.50 (38.10)	swaged-in		125CH38A18X
47 (1193.8)	120	235	13 (2.0)	1.50 (38.10)	Fiberglass		125CH47A21X
65 (1651.0)	240	675	26 (4.0)	1.50 (38.10)	leads only		125CH65A26X

NEW OFFERING

0.157-inch Diameter Round (with ±10 percent wattage tolerance), Thermocouple located at the disk end of the cable.

124 (3149.6)	240	1500	25 (3.9)	0.00 (0.00)	48" (1219 mm)	Lead protection is available upon request	157CH124AX
150 (3810.0)	240	2000	27 (4.2)	0.00 (0.00)	swaged-in		157CH150AX
220 (5588.0)	240	3000	28 (4.3)	0.00 (0.00)	Fiberglass leads only		157CH220AX

0.128 inch Square Cross-Section (with ±10 percent wattage tolerance), Thermocouple located in center of heated section.

12 (304.8)	240	200	36 (5.6)	1.50 (38.10)	48" (1219 mm)	Lead protection is available upon request	125PS12A22A
20 (508.0)	120	300	31 (4.8)	1.50 (38.10)	swaged-in		125PS20A35A
20 (508.0)	240	300	31 (4.8)	1.50 (38.10)	Fiberglass		125PS20A36A
30 (762.0)	240	450	30 (4.7)	1.50 (38.10)	leads only		125PS30A46A
38 (965.2)	240	600	31 (4.8)	1.50 (38.10)			125PS38A24A