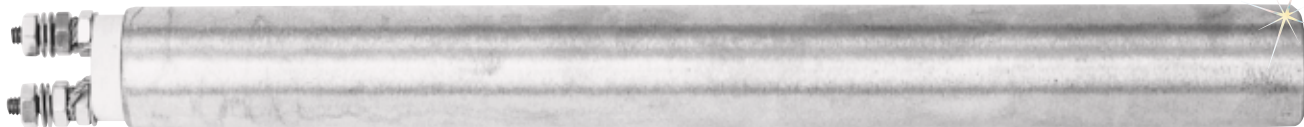


HEAVY DUTY CARTRIDGE HEATERS



C-HD Series
Starts at

\$55

- ✓ Reliable, Premium Quality
- ✓ CSA Certified
- ✓ Lengths from 2½ to 25"
- ✓ 120 and 240 Vac Models

OMEGALUX® C Series heavy-duty cartridge heaters are especially suited for use in applications involving hot plates, molds, dies, platens and container heating.

Specifications

Sheath: Brass

Terminations: 2 bolt terminals #8-32 th'd, one end

Working Temperature: Up to 315°C (600°F) max

C-704/120, \$105, shown smaller than actual size.

1" Diameter

To Order (Specify Model Number)					
Shth. Lgth.	Watts	W/in ²	Model No.	Price	Wt (Lb)
3½"	300	35	C-703/*	\$89	0.31
4"	375	28	C-704/*	105	0.5
6"	600	33	C-705/*	117	0.63
7"	500	22	C-706/*	130	0.75
9"	700	26	C-707/*	149	0.75
10"	750	23	C-708/120	55	1
10"	750	23	C-708/240	59	1
12"	800	22	C-709/120	173	1.13
12"	800	22	C-709/240	177	1.13
18"	1250	23	C-713/*	230	1.75
3"	165	21	C-702/*	84	0.31
21"	1300	21	C-714/240	250	2.1
23"	1425	20	C-715/240	275	2.2
25"	1375	18	C-716/240	183	2.25

* C Series Cartridge heaters are available in 120 or 240 Vac. To order, add specified voltage as a suffix.

Ordering Example: C-702/240 165 Watt heater, 3½" sheath powered by 240 Vac, \$84.

1 19/64"

Diameter

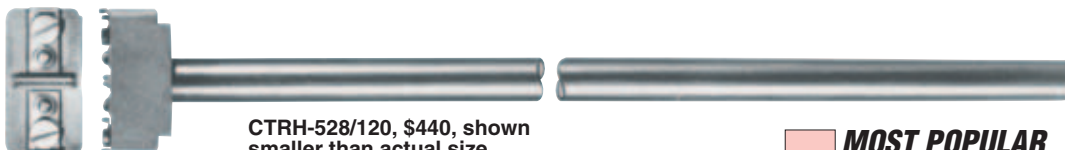
**MOST POPULAR
MODELS HIGHLIGHTED!**

Shth. Lgth.	Watts	W/in ²	Model	Price	Wt (Lb)
3½"	350	33	C-803/*	\$97	0.5
4"	600	37	C-806/*	112	0.75
7"	1000	37	C-830/*	97	1.25
7"	1200	44	C-810/*	140	1.25
10½"	1000	26	C-812/*	162	1.75
4"	300	19	C-804/*	106	0.75
6"	500	23	C-807/*	124	1
7"	500	18	C-808/*	137	1.25
9"	650	20	C-811/*	149	1.5
11"	750	17	C-813/*	177	2
14"	1250	22	C-815/*	200	2.25
16"	1300	21	C-816/*	215	2.75
17½"	1400	20	C-817/240	235	3
20"	1625	20	C-819/240	260	3.5
24½"	1780	18	C-822/240	310	3.75

CTRH Series
Starts at

\$319

- ✓ 0.553 and 0.66" Dia.
- ✓ 1670 to 5130 Watts
- ✓ 120, 208, 240 and 480 Vac
- ✓ 50 and 55 W/in²
- ✓ 304 Stainless Steel Sheath



CTRH-528/120, \$440, shown smaller than actual size.

**MOST POPULAR
MODELS HIGHLIGHTED!**

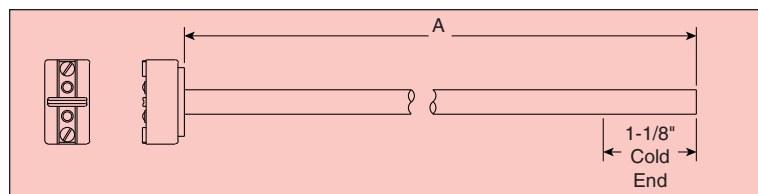
To Order (Specify Model Number)

Dia. (in.)	Shth Lgth	Watts	W/in ²	Model No.	Price	Weight (Lb)
0.553	20"	1670	55	CTRH-520/120	\$319	1.3
0.553	24	2475	55	CTRH-524/*	364	1.5
0.553	28	2440	55	CTRH-528/*	440	1.8
0.553	32	2820	55	CTRH-532/*	550	2
0.553	36	3200	55	CTRH-536/†	550	2.3
0.553	40	3580	55	CTRH-540/†	320	2.5
0.553	44	3970	55	CTRH-544/†	925	2.8
0.553	48	4350	55	CTRH-548/#	950	3
0.553	52	4730	55	CTRH-552/#	1000	3.3
0.66	20	1810	50	CTRH-620/120	375	1.6
0.66	24	2475	50	CTRH-624/*	455	1.8
0.66	28	2640	50	CTRH-628/*	575	2.1
0.66	32	3060	50	CTRH-632/*	700	2.4
0.66	36	3470	50	CTRH-636/†	900	2.7
0.66	40	3880	50	CTRH-640/†	950	3
0.66	44	4300	50	CTRH-644/#	975	3.3
0.66	48	4610	50	CTRH-648/#	1000	3.6
0.66	52	5130	50	CTRH-652/#	1050	3.9

* CTRH Cartridge heaters are available in 120, 208 or 240 Vac.

† Heaters available in 208 or 240 Vac. # Heaters available in 208, 240 or 480 Vac. To order, add specified voltage as a suffix.

Ordering Example: CTRH-528/240 2440 Watt heater, 28" sheath powered by 240 Vdc, \$440.



APPLICATIONS

- ✓ Forming
- ✓ Stress Relieving Metal Parts
- ✓ Dies
- ✓ Platens

CONSTRUCTION

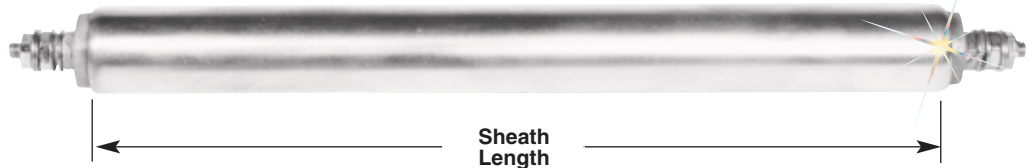
Type CTRH is an extra high-quality cartridge heater. It is available in 0.553 and 0.663" diameter, sheath lengths up to 4½ feet, and 50 to 55 W/in² to heat materials up to 427°C (800°F).

LARGE DIAMETER CARTRIDGE HEATERS

C-DE/C-LD
Starts at
\$171



Dimensions (Type C-DE)



Type C-DE

- ✓ 1 and 1½" Diameter
- ✓ 450 to 1750 Watts
- ✓ 120 and 240 Volt
- ✓ 19 to 23 W/in²
- ✓ Stainless Steel Sheath (type 304)
- ✓ Up to 510°C (950°F)
- ✓ Bolt Terminals, Each End

Type C-LD

- ✓ 1½" Diameter
- ✓ 900 to 5000 Watts
- ✓ 240 and 480 Volt
- ✓ 22 to 42 W/in²
- ✓ Stainless Steel Sheath (Type 304)
- ✓ Up to 537°C (1000°F)
- ✓ Two Terminals, One End

Applications

- ✓ Large Platens
- ✓ Molds (Type C-DE Only)
- ✓ Dies (Type C-DE Only)
- ✓ Metal Forming
- ✓ Stress Relieving
- ✓ Containers (Type C-DE Only)
- ✓ Temps to 537°C (1000°F) (Type C-DE Only)

Construction

Type C-DE heavy duty element with bolt terminal at each end.

Type C-DE is available in 1 and 1½" diameter, sheath lengths up to approximately 2 feet.

Recommended Power Connection manganese nickel or nickel-clad copper lead wire.

Type C-LD large diameter cartridge heaters for medium and low watt density applications.

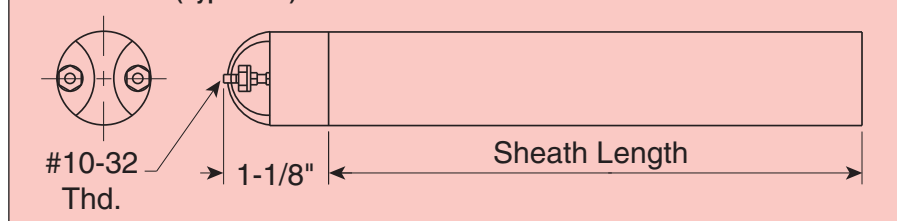
Type C-LD is available in 1½" diameter, sheath lengths up to 36 inches.

To Order (Specify Model Number)

Diameter	Sheath Length (in)	Watts	W/in ²	Model No.	Price	Weight (lb)
1	8¾	450	21	CDE-745-SS/*	\$171	1.0
1	11¼	600	20	CDE-760-SS/*	210	1.3
1	14¾	775	19	CDE-777-SS/*	245	1.7
1	17¾	975	19	CDE-797-SS/*	275	2.0
1	20¾	1100	19	CDE-7110-SS/*	311	2.3
1	23¾	1325	19	CDE-7132-SS/*	350	2.7
1	26¾	1475	19	CDE-7147-SS/*	370	3.0
1½	8¾	500	19	CDE-350-SS/*	205	1.2
1½	11	700	19	CDE-370-SS/*	230	1.6
1½	14	950	20	CDE-395-SS/*	260	2.1
1½	16¾	1100	19	CDE-3110-SS/*	290	2.4
1½	19¾	1350	19	CDE-3135-SS/*	320	2.8
1½	22¾	1550	19	CDE-3155-SS/*	350	3.2
1½	25¾	1750	19	CDE-3175-SS/*	375	3.6

* CDE Series cartridge heaters are available in 120 or 240 Vac. To order, add specified voltage as a suffix. CDE-370-55/120 is a 700 watt heater with 11" sheath power by 120V.
Ordering Example: CDE-797-SS/240, 975 Watt heater with a 17¾" sheath powered by 240 Vac, \$275.

Dimensions (Type C-LD)



MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)

Sheath Lgth (in)	Watts	W/in ²	240 V		480 V		Weight (lb)
			Model No.	Price	Model No.	Price	
12	900	25	C-08121/240	\$600	C-08122/480	\$600	3.0
12	1500	42	C-08123/240	600	C-08124/480	625	3.0
18	1400	24	C-08181/240	775	C-08182/480	775	4.2
18	2400	40	C-08183/240	775	C-08184/480	775	4.2
24	1800	22	C-08241/240	925	C-08242/480	925	5.7
24	3200	39	C-08243/240	900	C-08244/480	900	5.7
30	2300	22	C-08301/240	1100	C-08302/480	1100	7.0
30	4000	38	C-08303/240	1100	C-08304/480	1050	7.0
36	2800	22	C-08361/240	1250	C-08362/480	1250	8.4
36	3800	29	C-08363/240	1250	—	—	8.4
36	5000	39	—	—	C-08364/480	1200	8.4

Ordering Examples: C-08301/240, 2300 Watt heater with a 30" sheath powered by 240 Vac, \$1100.

C-08363/240, 3800 Watt heater with 36" sheath powered by 240 Vac, \$1250.

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