

Standard (Non-Stock) Low-Density Cartridge Heaters

7/8" Diameter Actual .870" (22.10 mm)

Sheath Length		Watts	Watt Density		Part Number	
in	mm		W/in ²	W/cm ²	120V	240V
3½	88.9	250	30	4.7	LDC00316	LDC00317
4	101.6	300	31	4.8	LDC00318	LDC00319
5	127.0	400	32	5.0	LDC00320	LDC00321
6	152.4	475	31	4.9	LDC00322	LDC00323
7	177.8	525	29	4.6	LDC00324	LDC00325
8	203.2	550	27	4.1	LDC00326	LDC00327
10	254.0	600	23	3.6	LDC00328	LDC00329
11	279.4	600	21	3.2	LDC00330	LDC00331
11	279.4	700	24	3.8	LDC00332	LDC00333
12	304.8	850	27	4.2	LDC00334	LDC00335
13	330.2	900	26	4.1	LDC00336	LDC00337
15	381.0	950	24	3.7	LDC00338	LDC00339
18	457.2	1000	21	3.2	LDC00340	LDC00341
21½	546.1	1000	17	2.7	—	LDC00342

15/16" Diameter Actual .933" (23.70 mm)

Sheath Length		Watts	Watt Density		Part Number	
in	mm		W/in ²	W/cm ²	120V	240V
3	76.2	275	37	5.8	LDC00343	LDC00344
4	101.6	325	32	4.9	LDC00345	LDC00346
5	127.0	140	11	1.6	LDC00347	LDC00348
5	127.0	400	30	4.7	LDC00349	LDC00350
6	152.4	450	28	4.3	LDC00351	LDC00352
7	177.8	450	24	3.6	LDC00353	LDC00354
7¾	187.3	270	13	2.1	LDC00355	LDC00356
8	203.2	500	23	3.5	LDC00357	LDC00358
8½	215.9	500	21	3.3	LDC00359	LDC00360
10	254.0	600	21	3.3	LDC00361	LDC00362
11	279.4	625	20	3.1	LDC00363	LDC00364
12	304.8	700	21	3.2	LDC00365	LDC00366
15	381.0	850	20	3.1	LDC00367	LDC00368
18	457.2	1000	19	3.0	LDC00369	LDC00370
24	609.6	1400	20	3.1	LDC00371	LDC00372

1" Diameter Actual .995" (25.27 mm)

Sheath Length		Watts	Watt Density		Part Number	
in	mm		W/in ²	W/cm ²	120V	240V
3	76.2	250	32	4.9	LDC00373	LDC00374
4	101.6	300	27	4.2	LDC00375	LDC00376
5	127.0	375	27	4.1	LDC00377	LDC00378
6	152.4	500	29	4.5	LDC00379	LDC00380
8	203.2	600	25	3.9	LDC00381	LDC00382
9	228.6	700	26	4.1	LDC00383	LDC00384
10	254.0	800	27	4.2	LDC00385	LDC00386
10¾	273.1	600	19	2.9	LDC00387	LDC00388
10¾	273.1	850	26	4.1	LDC00389	LDC00390
12	304.8	1000	28	4.3	LDC00391	LDC00392
14	355.6	1100	26	4.0	LDC00393	LDC00394
18	457.2	1250	23	3.5	LDC00395	LDC00396
22¼	565.2	1000	15	2.3	LDC00397	LDC00398
23	584.2	1000	14	2.2	LDC00399	LDC00400
23½	596.9	1500	21	3.2	—	LDC00401
24	609.6	1500	20	3.1	—	LDC00402

1-1/4" Diameter Actual 1.250" (31.75 mm)

Sheath Length		Watts	Watt Density		Part Number	
in	mm		W/in ²	W/cm ²	120V	240V
3¼	82.6	400	37	5.7	LDC00403	LDC00404
5	127.0	450	25	3.9	LDC00405	LDC00406
6	152.4	500	23	3.6	LDC00407	LDC00408
6	152.4	800	37	5.7	LDC00409	LDC00410
7	177.8	550	22	3.3	LDC00411	LDC00412
7	177.8	1000	39	6.1	LDC00413	LDC00414
9	228.6	675	20	3.1	LDC00415	LDC00416
10	254.0	1000	27	4.2	LDC00417	LDC00418
12	304.8	1000	22	3.4	LDC00419	LDC00420
14	355.6	2000	38	5.8	—	LDC00421
15	381.0	1250	22	3.4	—	LDC00422
16½	419.1	1000	16	2.5	LDC00423	LDC00424
22½	571.5	2200	25	3.9	—	LDC00425
24	609.6	2400	26	4.0	—	LDC00426



Note: Part Numbers above are for Low-Density Cartridge Heaters terminated with Type F flexible leads, 10" long. Low-Density Cartridge Heaters are made-to-order only. **Standard lead time is 3 weeks.** See pages 2-39 through 2-57 for other terminations.

Ordering Information

Catalog Heaters

Order by Catalog Part Number from the Standard Sizes and Ratings List on the preceding pages. Note that Part Numbers shown are for heaters with Type F Termination (10" leads).

Available Terminations and Optional Features can be found on pages 2-39 through 2-60.

Custom Engineered/Manufactured Heaters

Because an electric heater can be very application specific, for sizes and ratings not listed, **TEMPCO** will design and manufacture a Low-Density Cartridge Heater to meet your requirements. **Standard lead time is 3 weeks.**

Please Specify the following:

- Diameter
- Length
- Wattage
- Voltage
- Termination types (see pages 2-39 through 2-51)
- Options/Special Features (see pages 2-52 through 2-60)
- Lead Length
- Cable/Braid length
- Application Type
- Operating Temperature

