



Standard (Non-Stock) Low-Density Cartridge Heaters

5/8" Diameter Actual .621" (15.77 mm)

3/4" Diameter Actual .745" (18.92 mm)

Sheath Length		Watts	Watt Density		Part Number	
in	mm		W/in ²	W/cm ²	120V	240V
1½	38.1	100	51	7.9	LDC00163	LDC00164
2	50.8	100	34	5.3	LDC00165	LDC00166
2½	63.5	80	20	3.2	LDC00167	LDC00168
2½	63.5	150	38	5.9	LDC00169	LDC00170
3	76.2	175	36	5.5	LDC00171	LDC00172
3½	88.9	190	32	5.0	LDC00173	LDC00174
4	101.6	200	29	4.5	LDC00175	LDC00176
4½	114.3	240	31	4.7	LDC00177	LDC00178
4½	114.3	275	35	5.4	LDC00179	LDC00180
5	127.0	200	23	3.5	LDC00181	LDC00182
5	127.0	250	28	4.4	LDC00183	LDC00184
5	127.0	375	42	6.6	LDC00185	LDC00186
5½	139.7	200	20	3.2	LDC00187	LDC00188
5½	139.7	285	29	4.5	LDC00189	LDC00190
5½	139.7	510	52	8.1	LDC00191	—
5½	149.2	350	33	5.1	LDC00192	LDC00193
6	152.4	200	19	2.9	LDC00194	LDC00195
6	152.4	300	28	4.3	LDC00196	LDC00197
6	152.4	350	32	5.0	LDC00198	LDC00199
6½	165.1	350	30	4.6	LDC00200	LDC00201
7	177.8	375	29	4.6	LDC00202	LDC00203
8	203.2	400	27	4.2	LDC00204	LDC00205
8½	215.9	425	27	4.2	LDC00206	LDC00207
9	228.6	450	27	4.2	LDC00208	LDC00209
9½	241.3	475	27	4.2	LDC00210	LDC00211
10	254.0	500	27	4.2	LDC00212	LDC00213
11	279.4	550	27	4.1	LDC00214	LDC00215
12	304.8	250	11	1.7	LDC00216	LDC00217
12	304.8	500	22	3.4	LDC00218	LDC00219
12	304.8	600	27	4.1	LDC00220	LDC00221
12	304.8	700	31	4.8	LDC00222	LDC00223
12½	314.3	450	19	3.0	LDC00224	LDC00225
14	355.6	700	26	4.1	LDC00226	LDC00227
15	381.0	750	26	4.1	LDC00228	LDC00229
16	406.4	800	26	4.1	LDC00230	LDC00231
17	431.8	1000	31	4.8	LDC00232	LDC00233
18	457.2	725	21	3.3	LDC00234	LDC00235
18	457.2	800	23	3.6	LDC00236	LDC00237
20	508.0	900	24	3.6	LDC00238	LDC00239
21	533.4	1000	25	3.9	—	LDC00240
22	558.8	2000	47	7.3	—	LDC00241
24	609.6	2000	43	6.7	—	LDC00242
25	635.0	768	16	2.5	LDC00243	—
25	635.0	1100	23	3.5	—	LDC00244
25	635.0	1500	31	4.8	LDC00245	LDC00246
27	685.8	1200	23	3.6	LDC00247	—
28	711.2	2000	37	5.7	—	LDC00248
30	762.0	2000	35	5.4	—	LDC00249
31	787.4	2000	33	5.2	—	LDC00250
34	863.6	2000	30	4.7	—	LDC00251
36	914.4	2000	29	4.4	—	LDC00252
38	965.2	2000	27	4.2	—	LDC00253
38½	979.5	1200	16	2.5	LDC00254	—

Sheath Length		Watts	Watt Density		Part Number	
in	mm		W/in ²	W/cm ²	120V	240V
3	76.2	225	38	5.9	LDC00255	LDC00256
3½	88.9	225	32	4.9	LDC00257	LDC00258
3½	88.9	250	35	5.5	LDC00259	LDC00260
4	101.6	300	36	5.6	LDC00261	LDC00262
5	127.0	350	33	5.1	LDC00263	LDC00264
6	152.4	170	13	2.0	LDC00265	LDC00266
6	152.4	350	27	4.2	LDC00267	LDC00268
6	152.4	400	31	4.8	LDC00269	LDC00270
7	177.8	350	23	3.5	LDC00271	LDC00272
7	177.8	450	29	4.6	LDC00273	LDC00274
7	177.8	535	35	5.4	LDC00275	LDC00276
8	203.2	350	20	3.1	LDC00277	LDC00278
8	203.2	500	28	4.4	LDC00279	LDC00280
8	203.2	600	34	5.3	LDC00281	LDC00282
8½	215.9	675	36	5.6	LDC00283	LDC00284
9	228.6	350	17	2.7	LDC00285	LDC00286
9	228.6	550	27	4.3	LDC00287	LDC00288
9½	241.3	575	27	4.2	LDC00289	LDC00290
10	254.0	600	27	4.2	LDC00291	LDC00292
10	254.0	800	36	5.5	LDC00293	LDC00294
11	279.4	675	27	4.2	LDC00295	LDC00296
12	304.8	750	28	4.3	LDC00297	LDC00298
12	304.8	1000	37	5.7	LDC00299	LDC00300
13½	342.9	600	20	3.0	LDC00301	LDC00302
14	355.6	1000	31	4.9	LDC00303	LDC00304
16	406.4	950	26	4.0	LDC00305	LDC00306
18	457.2	950	23	3.6	LDC00307	LDC00308
18	457.2	1100	27	4.1	—	LDC00309
20	508.0	1000	22	3.4	LDC00310	LDC00311
21	533.4	1150	24	3.7	LDC00312	LDC00313
30	762.0	1800	26	4.0	—	LDC00314
31	787.4	1800	25	3.9	—	LDC00315



Note: Part Numbers above are for Low Density Cartridge Heaters terminated with Type F flexible leads, 10" long. See pages 2-39 through 2-57 for other terminations.

Low-Density Cartridge Heaters are made-to-order only. **Standard lead time is 3 weeks.**

Custom Engineered/Manufactured Low-Density Cartridge Heaters

Refer to ordering information on page 2-38.