



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.