

Standard Duct Heaters

Open Coil

Table VII

Commonly used duct widths and heights are shown in the charts below, in-between widths and heights are also available as standard HUA (slip-in) and HUP (flanged) duct heaters.

Sizes and Maximum KW Ratings

| | | Duct Height | | | | | | | | | | | |
|------------|-----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 6" | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 24" | 30" | 36" | 40" |
| Duct Width | 8" | 6 | 9 | 12 | 16 | 19 | 22 | 25 | 28 | 35 | 45 | 54 | 61 |
| | 10" | 8 | 12 | 16 | 20 | 24 | 28 | 33 | 37 | 45 | 57 | 70 | 78 |
| | 12" | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 55 | 70 | 85 | 96 |
| | 14" | 11 | 17 | 23 | 29 | 35 | 41 | 47 | 53 | 65 | 83 | 101 | 113 |
| | 16" | 13 | 20 | 27 | 34 | 41 | 48 | 55 | 62 | 75 | 96 | 117 | 131 |
| | 18" | 15 | 23 | 31 | 39 | 46 | 54 | 62 | 70 | 85 | 109 | 132 | 148 |
| | 20" | 17 | 26 | 34 | 43 | 52 | 61 | 69 | 78 | 96 | 122 | 148 | 165 |
| | 22" | 19 | 28 | 38 | 48 | 57 | 67 | 77 | 86 | 106 | 135 | 164 | 183 |
| | 24" | 21 | 31 | 42 | 52 | 63 | 74 | 84 | 95 | 116 | 148 | 179 | 200 |
| | 26" | 22 | 34 | 45 | 57 | 68 | 80 | 91 | 103 | 126 | 160 | 195 | 218 |
| | 28" | 24 | 37 | 49 | 62 | 74 | 86 | 99 | 111 | 136 | 173 | 211 | 235 |
| | 30" | 26 | 39 | 53 | 66 | 79 | 93 | 106 | 119 | 146 | 186 | 226 | 253 |
| | 32" | 28 | 42 | 57 | 71 | 85 | 99 | 114 | 128 | 156 | 199 | 242 | 270 |
| | 34" | 30 | 45 | 60 | 75 | 91 | 106 | 121 | 136 | 166 | 212 | 257 | 288 |
| | 36" | 32 | 48 | 64 | 80 | 96 | 112 | 128 | 144 | 176 | 225 | 273 | 305 |
| | 38" | 34 | 51 | 68 | 85 | 102 | 119 | 136 | 153 | 187 | 238 | 289 | 323 |
| | 40" | 35 | 53 | 71 | 89 | 107 | 125 | 143 | 161 | 197 | 251 | 304 | 340 |
| | 42" | 37 | 56 | 75 | 94 | 113 | 131 | 150 | 169 | 207 | 263 | 320 | 358 |
| 44" | 39 | 59 | 79 | 98 | 118 | 138 | 158 | 177 | 217 | 276 | 336 | 375 | |
| 48" | 43 | 64 | 86 | 108 | 129 | 151 | 172 | 194 | 237 | 302 | 367 | 410 | |
| 54" | 48 | 73 | 97 | 121 | 146 | 170 | 194 | 219 | 268 | 341 | — | — | |
| 60" | 54 | 81 | 108 | 135 | 162 | 189 | 216 | 244 | 298 | 379 | — | — | |
| 66" | 59 | 89 | 119 | 149 | 179 | 209 | 239 | 268 | 328 | 418 | — | — | |
| 72" | 65 | 97 | 130 | 163 | 195 | 228 | 261 | 293 | 359 | 456 | — | — | |

Type HUA Slip-in Heater

Maximum KW ratings in available frame sizes shown at left.

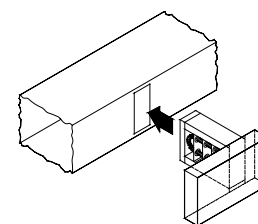


Figure 47.

Installation of Slip-in Heater

| | | Duct Height | | | | | | | | | | | |
|------------|-----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 6" | 8" | 10" | 12" | 14" | 16" | 18" | 22" | 28" | 30" | 34" | 38" |
| Duct Width | 8" | 11 | 14 | 18 | 22 | 25 | 29 | 33 | 40 | 51 | 55 | 62 | 69 |
| | 10" | 13 | 18 | 22 | 27 | 32 | 36 | 41 | 50 | 64 | 68 | 78 | 87 |
| | 12" | 16 | 22 | 27 | 33 | 38 | 44 | 49 | 60 | 77 | 82 | 93 | 104 |
| | 14" | 19 | 25 | 32 | 38 | 45 | 51 | 57 | 70 | 90 | 96 | 109 | 122 |
| | 16" | 22 | 29 | 36 | 44 | 51 | 58 | 66 | 80 | 102 | 110 | 125 | 139 |
| | 18" | 24 | 33 | 41 | 49 | 57 | 66 | 74 | 91 | 115 | 124 | 140 | 157 |
| | 20" | 27 | 36 | 45 | 55 | 64 | 73 | 82 | 101 | 128 | 137 | 156 | 174 |
| | 22" | 30 | 40 | 50 | 60 | 70 | 80 | 91 | 111 | 141 | 151 | 171 | 192 |
| | 24" | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 121 | 154 | 165 | 187 | 209 |
| | 26" | 35 | 47 | 59 | 71 | 83 | 95 | 107 | 131 | 167 | 179 | 203 | 227 |
| | 28" | 38 | 51 | 64 | 77 | 90 | 102 | 115 | 141 | 180 | 193 | 218 | 244 |
| | 30" | 41 | 55 | 68 | 82 | 96 | 110 | 124 | 151 | 193 | 206 | 234 | 262 |
| | 32" | 44 | 58 | 73 | 88 | 102 | 117 | 132 | 161 | 205 | 220 | 250 | 279 |
| | 34" | 46 | 62 | 78 | 93 | 109 | 125 | 140 | 171 | 218 | 234 | 265 | 296 |
| | 36" | 49 | 66 | 82 | 99 | 115 | 132 | 148 | 182 | 231 | 248 | 281 | 314 |
| | 38" | 52 | 69 | 87 | 104 | 122 | 139 | 157 | 192 | 244 | 262 | 296 | 331 |
| | 40" | 55 | 73 | 91 | 110 | 128 | 147 | 165 | 202 | 257 | 275 | 312 | 349 |
| | 42" | 57 | 77 | 96 | 115 | 135 | 154 | 173 | 212 | 270 | 289 | 328 | 366 |
| 44" | 60 | 80 | 101 | 121 | 141 | 161 | 182 | 222 | 283 | 303 | 343 | 384 | |
| 48" | 66 | 88 | 110 | 132 | 154 | 176 | 198 | 242 | 308 | 331 | 375 | 419 | |
| 54" | 74 | 99 | 124 | 148 | 173 | 198 | 223 | 273 | 347 | — | — | — | |
| 60" | 82 | 110 | 137 | 165 | 193 | 220 | 248 | 303 | 386 | — | — | — | |
| 66" | 91 | 121 | 151 | 182 | 212 | 242 | 273 | 333 | 424 | — | — | — | |
| 72" | 99 | 132 | 165 | 198 | 231 | 264 | 297 | 364 | 463 | — | — | — | |

Type HUP Flanged Heater

Maximum KW ratings in available frame sizes shown at left.

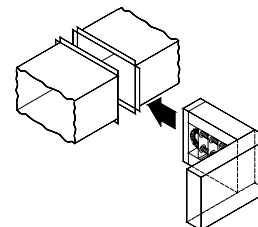


Figure 48.

Installation of Flanged Heater

Note: Maximum KW ratings may vary based on voltage and phase combination.