



P-K COMPACT - SINGLE WALL STEAM TO WATER DESIGN CAPACITY TABLES

Published July 31, 2017

| Steam Line Pressure (psig) | | 2 | 5 | 10 | 15 | 25 | 40 | 50 | 75 | 100 |
|------------------------------------------|-------------|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Steam Pressure in Heating Section (psig) | | 0 | 2 | 5 | 10 | 15 | 25 | 30 | 50 | 65 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06S | 40 to 120 | 33 | 36 | 40 | 47 | 54 | 65 | 67 | 68 | 68 |
| PK08S | | 67 | 75 | 86 | 104 | 122 | 136 | 137 | 137 | 137 |
| PK10S | | 113 | 126 | 145 | 175 | 204 | 217 | 217 | 217 | 217 |
| PK12S | | 170 | 189 | 218 | 263 | 307 | 390 | 420 | 420 | 420 |
| PK06S | 40 to 140 | 17 | 19 | 22 | 26 | 29 | 34 | 37 | 49 | 57 |
| PK08S | | 47 | 52 | 58 | 67 | 80 | 99 | 103 | 115 | 122 |
| PK10S | | 91 | 101 | 116 | 140 | 163 | 180 | 187 | 209 | 218 |
| PK12S | | 136 | 152 | 174 | 211 | 245 | 312 | 345 | 412 | 421 |
| PK06S | 40 to 160 | 9 | 10 | 12 | 15 | 17 | 22 | 23 | 28 | 32 |
| PK08S | | 25 | 28 | 33 | 40 | 46 | 55 | 60 | 83 | 93 |
| PK10S | | 66 | 74 | 84 | 104 | 119 | 134 | 140 | 159 | 170 |
| PK12S | | 113 | 126 | 145 | 175 | 205 | 260 | 276 | 315 | 337 |
| PK06S | 40 to 180 | 4 | 5 | 6 | 8 | 10 | 13 | 15 | 19 | 22 |
| PK08S | | 12 | 14 | 18 | 23 | 28 | 35 | 39 | 48 | 57 |
| PK10S | | 34 | 40 | 49 | 61 | 70 | 90 | 102 | 123 | 133 |
| PK12S | | 68 | 81 | 98 | 127 | 164 | 200 | 211 | 245 | 264 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06S | 50 to 120 | 40 | 45 | 51 | 61 | 66 | 68 | 68 | 68 | 68 |
| PK08S | | 77 | 86 | 99 | 119 | 137 | 137 | 137 | 137 | 137 |
| PK10S | | 130 | 144 | 166 | 200 | 217 | 217 | 217 | 217 | 217 |
| PK12S | | 194 | 216 | 249 | 301 | 351 | 421 | 421 | 421 | 421 |
| PK06S | 50 to 140 | 21 | 23 | 27 | 31 | 35 | 42 | 46 | 59 | 63 |
| PK08S | | 56 | 61 | 69 | 84 | 96 | 106 | 110 | 124 | 132 |
| PK10S | | 101 | 112 | 129 | 156 | 174 | 193 | 200 | 218 | 218 |
| PK12S | | 151 | 168 | 194 | 234 | 273 | 347 | 383 | 422 | 422 |
| PK06S | 50 to 160 | 10 | 12 | 14 | 17 | 20 | 25 | 27 | 33 | 38 |
| PK08S | | 28 | 33 | 38 | 46 | 53 | 64 | 71 | 92 | 99 |
| PK10S | | 74 | 83 | 95 | 115 | 126 | 141 | 148 | 168 | 180 |
| PK12S | | 124 | 138 | 158 | 191 | 223 | 279 | 292 | 333 | 357 |
| PK06S | 50 to 180 | 5 | 6 | 7 | 10 | 12 | 15 | 17 | 22 | 24 |
| PK08S | | 13 | 16 | 20 | 26 | 31 | 40 | 43 | 54 | 66 |
| PK10S | | 37 | 45 | 54 | 67 | 77 | 102 | 109 | 128 | 138 |
| PK12S | | 75 | 89 | 108 | 144 | 178 | 208 | 219 | 255 | 276 |



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| Steam Line Pressure (psig) | | 2 | 5 | 10 | 15 | 25 | 40 | 50 | 75 | 100 |
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| Steam Pressure in Heating Section (psig) | | 0 | 2 | 5 | 10 | 15 | 25 | 30 | 50 | 65 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06S | 60 to 120 | 47 | 52 | 60 | 68 | 68 | 68 | 68 | 68 | 68 |
| PK08S | | 90 | 100 | 115 | 138 | 137 | 137 | 137 | 137 | 137 |
| PK10S | | 151 | 168 | 194 | 218 | 218 | 218 | 218 | 218 | 218 |
| PK12S | | 227 | 253 | 290 | 351 | 409 | 421 | 421 | 421 | 421 |
| PK06S | 60 to 140 | 26 | 28 | 32 | 38 | 42 | 54 | 57 | 65 | 68 |
| PK08S | | 67 | 74 | 84 | 97 | 104 | 115 | 120 | 135 | 138 |
| PK10S | | 113 | 126 | 145 | 175 | 188 | 209 | 218 | 218 | 218 |
| PK12S | | 170 | 190 | 218 | 263 | 307 | 391 | 422 | 422 | 422 |
| PK06S | 60 to 160 | 12 | 14 | 17 | 20 | 24 | 29 | 31 | 39 | 47 |
| PK08S | | 33 | 38 | 44 | 53 | 61 | 77 | 85 | 98 | 105 |
| PK10S | | 84 | 94 | 107 | 122 | 133 | 149 | 156 | 179 | 192 |
| PK12S | | 136 | 152 | 174 | 211 | 246 | 295 | 310 | 355 | 381 |
| PK06S | 60 to 180 | 5 | 6 | 8 | 11 | 13 | 17 | 19 | 24 | 27 |
| PK08S | | 15 | 18 | 23 | 30 | 35 | 45 | 48 | 63 | 77 |
| PK10S | | 42 | 49 | 60 | 74 | 86 | 108 | 115 | 134 | 145 |
| PK12S | | 83 | 99 | 120 | 165 | 188 | 217 | 229 | 267 | 290 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06S | 70 to 120 | 56 | 63 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
| PK08S | | 108 | 120 | 138 | 138 | 138 | 138 | 138 | 138 | 138 |
| PK10S | | 181 | 202 | 218 | 218 | 218 | 218 | 218 | 218 | 218 |
| PK12S | | 272 | 303 | 348 | 421 | 422 | 422 | 422 | 422 | 422 |
| PK06S | 70 to 140 | 32 | 35 | 40 | 47 | 54 | 61 | 63 | 68 | 68 |
| PK08S | | 77 | 86 | 96 | 106 | 114 | 126 | 132 | 138 | 138 |
| PK10S | | 130 | 144 | 166 | 192 | 206 | 218 | 218 | 218 | 218 |
| PK12S | | 194 | 217 | 249 | 301 | 351 | 422 | 422 | 422 | 422 |
| PK06S | 70 to 160 | 14 | 17 | 20 | 24 | 28 | 34 | 37 | 49 | 54 |
| PK08S | | 39 | 45 | 52 | 62 | 70 | 88 | 92 | 105 | 113 |
| PK10S | | 97 | 106 | 115 | 129 | 141 | 160 | 167 | 192 | 206 |
| PK12S | | 151 | 168 | 194 | 234 | 273 | 316 | 331 | 381 | 410 |
| PK06S | 70 to 180 | 6 | 7 | 9 | 13 | 15 | 20 | 22 | 28 | 31 |
| PK08S | | 17 | 21 | 26 | 34 | 40 | 51 | 55 | 74 | 84 |
| PK10S | | 46 | 55 | 67 | 83 | 95 | 114 | 121 | 141 | 153 |
| PK12S | | 93 | 111 | 133 | 175 | 196 | 228 | 241 | 282 | 306 |



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| Steam Line Pressure (psig) | | 2 | 5 | 10 | 15 | 25 | 40 | 50 | 75 | 100 |
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| Steam Pressure in Heating Section (psig) | | 0 | 2 | 5 | 10 | 15 | 25 | 30 | 50 | 65 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06D | 40 to 120 | 20 | 22 | 24 | 28 | 32 | 36 | 36 | 36 | 36 |
| PK08D | | 40 | 45 | 52 | 62 | 73 | 82 | 87 | 87 | 87 |
| PK10D | | 68 | 76 | 87 | 105 | 109 | 109 | 109 | 109 | 109 |
| PK12D | | 102 | 113 | 131 | 158 | 181 | 181 | 181 | 181 | 181 |
| PK06D | 40 to 140 | 10 | 11 | 13 | 16 | 17 | 20 | 22 | 29 | 34 |
| PK08D | | 28 | 31 | 35 | 40 | 48 | 59 | 62 | 69 | 73 |
| PK10D | | 55 | 61 | 70 | 84 | 98 | 108 | 109 | 109 | 109 |
| PK12D | | 82 | 91 | 104 | 127 | 147 | 181 | 181 | 181 | 181 |
| PK06D | 40 to 160 | 5 | 6 | 7 | 9 | 10 | 13 | 14 | 17 | 19 |
| PK08D | | 15 | 17 | 20 | 24 | 28 | 33 | 36 | 50 | 56 |
| PK10D | | 40 | 44 | 50 | 62 | 71 | 80 | 84 | 95 | 102 |
| PK12D | | 68 | 76 | 87 | 105 | 123 | 156 | 166 | 181 | 181 |
| PK06D | 40 to 180 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 11 | 13 |
| PK08D | | 7 | 8 | 11 | 14 | 17 | 21 | 23 | 29 | 34 |
| PK10D | | 20 | 24 | 29 | 37 | 42 | 54 | 61 | 74 | 80 |
| PK12D | | 41 | 49 | 59 | 76 | 98 | 120 | 127 | 147 | 158 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06D | 50 to 120 | 24 | 27 | 31 | 36 | 36 | 36 | 36 | 36 | 36 |
| PK08D | | 46 | 52 | 59 | 71 | 87 | 87 | 87 | 87 | 87 |
| PK10D | | 78 | 86 | 100 | 109 | 109 | 109 | 109 | 109 | 109 |
| PK12D | | 116 | 130 | 149 | 181 | 181 | 181 | 181 | 181 | 181 |
| PK06D | 50 to 140 | 13 | 14 | 16 | 19 | 21 | 25 | 28 | 35 | 36 |
| PK08D | | 34 | 37 | 41 | 50 | 58 | 64 | 66 | 74 | 79 |
| PK10D | | 61 | 67 | 77 | 94 | 104 | 109 | 109 | 109 | 109 |
| PK12D | | 91 | 101 | 116 | 140 | 164 | 181 | 181 | 181 | 181 |
| PK06D | 50 to 160 | 6 | 7 | 8 | 10 | 12 | 15 | 16 | 20 | 23 |
| PK08D | | 17 | 20 | 23 | 28 | 32 | 38 | 43 | 55 | 59 |
| PK10D | | 44 | 50 | 57 | 69 | 76 | 85 | 89 | 101 | 108 |
| PK12D | | 74 | 83 | 95 | 115 | 134 | 167 | 175 | 181 | 181 |
| PK06D | 50 to 180 | 3 | 4 | 4 | 6 | 7 | 9 | 10 | 13 | 14 |
| PK08D | | 8 | 10 | 12 | 16 | 19 | 24 | 26 | 32 | 40 |
| PK10D | | 22 | 27 | 32 | 40 | 46 | 61 | 65 | 77 | 83 |
| PK12D | | 45 | 53 | 65 | 86 | 107 | 125 | 131 | 153 | 166 |



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| Steam Line Pressure (psig) | | 2 | 5 | 10 | 15 | 25 | 40 | 50 | 75 | 100 |
|------------------------------------------|-------------|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Steam Pressure in Heating Section (psig) | | 0 | 2 | 5 | 10 | 15 | 25 | 30 | 50 | 65 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06D | 60 to 120 | 28 | 31 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| PK08D | | 54 | 60 | 69 | 82 | 87 | 87 | 87 | 87 | 87 |
| PK10D | | 91 | 101 | 109 | 109 | 109 | 109 | 109 | 109 | 109 |
| PK12D | | 136 | 152 | 174 | 183 | 183 | 183 | 183 | 183 | 183 |
| PK06D | 60 to 140 | 16 | 17 | 19 | 23 | 25 | 32 | 34 | 36 | 36 |
| PK08D | | 40 | 44 | 50 | 58 | 62 | 69 | 72 | 81 | 83 |
| PK10D | | 68 | 76 | 87 | 105 | 109 | 109 | 109 | 109 | 109 |
| PK12D | | 102 | 114 | 131 | 158 | 183 | 183 | 183 | 183 | 183 |
| PK06D | 60 to 160 | 7 | 8 | 10 | 12 | 14 | 17 | 19 | 23 | 28 |
| PK08D | | 20 | 23 | 26 | 32 | 37 | 46 | 51 | 59 | 63 |
| PK10D | | 50 | 56 | 64 | 73 | 80 | 89 | 94 | 107 | 109 |
| PK12D | | 82 | 91 | 104 | 127 | 148 | 177 | 183 | 183 | 183 |
| PK06D | 60 to 180 | 3 | 4 | 5 | 7 | 8 | 10 | 11 | 14 | 16 |
| PK08D | | 9 | 11 | 14 | 18 | 21 | 27 | 29 | 38 | 46 |
| PK10D | | 25 | 29 | 36 | 44 | 52 | 65 | 69 | 80 | 87 |
| PK12D | | 50 | 59 | 72 | 99 | 113 | 130 | 137 | 160 | 174 |
| Heater Size | Temp. Range | Domestic Water Flow (GPM) | | | | | | | | |
| PK06D | 70 to 120 | 34 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| PK08D | | 65 | 72 | 83 | 87 | 87 | 87 | 87 | 87 | 87 |
| PK10D | | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 |
| PK12D | | 163 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 |
| PK06D | 70 to 140 | 19 | 21 | 24 | 28 | 32 | 36 | 36 | 36 | 36 |
| PK08D | | 46 | 52 | 58 | 64 | 68 | 76 | 79 | 83 | 87 |
| PK10D | | 78 | 86 | 100 | 109 | 109 | 109 | 109 | 109 | 109 |
| PK12D | | 116 | 130 | 149 | 181 | 183 | 183 | 183 | 183 | 183 |
| PK06D | 70 to 160 | 8 | 10 | 12 | 14 | 17 | 20 | 22 | 29 | 32 |
| PK08D | | 23 | 27 | 31 | 37 | 42 | 53 | 55 | 63 | 68 |
| PK10D | | 58 | 64 | 69 | 77 | 85 | 96 | 100 | 109 | 109 |
| PK12D | | 91 | 101 | 116 | 140 | 164 | 183 | 183 | 183 | 183 |
| PK06D | 70 to 180 | 4 | 4 | 5 | 8 | 9 | 12 | 13 | 17 | 19 |
| PK08D | | 10 | 13 | 16 | 20 | 24 | 31 | 33 | 44 | 50 |
| PK10D | | 28 | 33 | 40 | 50 | 57 | 68 | 73 | 85 | 92 |
| PK12D | | 56 | 67 | 80 | 105 | 118 | 137 | 145 | 169 | 183 |