

| Condition Reference # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| Unit Subj. C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | | |
| Approach C | 4 | 6 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | | |
| Inlet Water Temperature °C | 20 | 22 | 23 | 22 | 25 | 23 | 25 | 26 | 25 | 28 | 26 | 28 | 29 | 28 | 31 | 29 | 30 | 31 | 30 | 33 | 31 | 33 | 34 | 33 | 36 | 34 | 36 | 37 | 36 | 39 | 37 | 39 | 40 | 39 | 42 | 38 | 41 | 42 | 41 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | |
| Outlet Water Temperature °C | 14 | 16 | 17 | 14 | 17 | 19 | 20 | 17 | 20 | 20 | 22 | 23 | 20 | 23 | 22 | 24 | 25 | 22 | 25 | 25 | 27 | 28 | 25 | 28 | 28 | 30 | 31 | 28 | 31 | 31 | 31 | 34 | 34 | 34 | 35 | 35 | 36 | 33 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| AT 12-3-26 | 69 | 105 | 122 | NC | 101 | 79 | 118 | 138 | 66 | 113 | 80 | 132 | 152 | 76 | 128 | 100 | 145 | 167 | 85 | 141 | 117 | 167 | 191 | 99 | 162 | 137 | 191 | 217 | 116 | 185 | 160 | 218 | 248 | 137 | 209 | 174 | 237 | 265 | 150 | 226 | 204 | 270 | 278 | 177 | 256 | 187 | 153 | 212 | 188 | | | | | | | | |
| AT 12-3-28 | 76 | 115 | 134 | 64 | 111 | 87 | 128 | 148 | 73 | 123 | 100 | 144 | 165 | 84 | 139 | 110 | 158 | 181 | 84 | 152 | 127 | 180 | 205 | 109 | 175 | 149 | 205 | 233 | 127 | 200 | 173 | 240 | 262 | 148 | 225 | 188 | 254 | 283 | 162 | 242 | 219 | 289 | 319 | 191 | 275 | 202 | 166 | 228 | 200 | | | | | | | | |
| AT 12-3-29 | 80 | 124 | 150 | 70 | 121 | 95 | 133 | 133 | 16 | 133 | 116 | 165 | 186 | 16 | 165 | 148 | 197 | 218 | 18 | 18 | 18 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | | | | |
| AT 12-3-30 | 81 | 134 | 154 | 130 | 103 | 149 | 100 | 87 | 143 | 117 | 165 | 168 | 100 | 167 | 120 | 167 | 188 | 108 | 162 | 139 | 198 | 212 | 121 | 158 | 158 | 171 | 188 | 218 | 188 | 228 | 197 | 264 | 271 | 254 | 311 | 254 | 311 | 319 | 185 | 273 | 247 | 308 | 317 | 200 | 174 | 234 | 207 | | | | | | | | | | |
| AT 12-3-32 | 102 | 149 | 170 | 87 | 144 | 115 | 164 | 186 | 98 | 159 | 130 | 182 | 207 | 112 | 177 | 143 | 198 | 225 | 124 | 162 | 163 | 224 | 253 | 142 | 218 | 188 | 253 | 285 | 163 | 246 | 215 | 287 | 308 | 187 | 276 | 233 | 310 | 308 | 296 | 260 | 308 | 308 | 236 | 308 | 249 | 208 | 278 | 247 | | | | | | | | | |
| AT 12-4-28 | 100 | 101 | 115 | 60 | 98 | 79 | 111 | 126 | 68 | 107 | 89 | 123 | 140 | 77 | 119 | 97 | 134 | 125 | 84 | 129 | 110 | 152 | 172 | 96 | 147 | 126 | 172 | 194 | 110 | 167 | 145 | 195 | 219 | 128 | 188 | 153 | 212 | 236 | 137 | 202 | 183 | 241 | 266 | 160 | 229 | 169 | 140 | 190 | 168 | | | | | | | | |
| AT 12-4-29 | 83 | 117 | 133 | 72 | 113 | 92 | 129 | 145 | 80 | 124 | 104 | 142 | 161 | 90 | 138 | 113 | 154 | 174 | 99 | 149 | 128 | 174 | 196 | 112 | 169 | 148 | 198 | 222 | 128 | 191 | 167 | 223 | 249 | 148 | 214 | 181 | 242 | 270 | 198 | 230 | 209 | 275 | 303 | 184 | 281 | 193 | 161 | 217 | 192 | | | | | | | | |
| AT 12-4-28 | 99 | 127 | 144 | 79 | 129 | 105 | 140 | 157 | 86 | 135 | 113 | 154 | 174 | 99 | 149 | 129 | 167 | 188 | 108 | 162 | 139 | 198 | 212 | 121 | 158 | 158 | 212 | 239 | 138 | 208 | 180 | 240 | 269 | 158 | 231 | 195 | 260 | 290 | 171 | 248 | 225 | 296 | 308 | 208 | 174 | 234 | 207 | | | | | | | | | | |
| AT 12-4-28 | 99 | 127 | 144 | 79 | 129 | 105 | 140 | 157 | 86 | 135 | 113 | 154 | 174 | 99 | 149 | 129 | 167 | 188 | 108 | 162 | 139 | 198 | 212 | 121 | 158 | 158 | 212 | 239 | 138 | 208 | 180 | 240 | 269 | 158 | 231 | 195 | 260 | 290 | 171 | 248 | 225 | 296 | 308 | 208 | 174 | 234 | 207 | | | | | | | | | | |
| AT 12-4M28 | 106 | 148 | 165 | 92 | 142 | 117 | 160 | 179 | 102 | 155 | 130 | 175 | 198 | 114 | 171 | 141 | 190 | 214 | 124 | 184 | 159 | 213 | 241 | 140 | 208 | 180 | 240 | 271 | 159 | 234 | 205 | 273 | 305 | 180 | 262 | 222 | 295 | 314 | 282 | 256 | 308 | 308 | 225 | 319 | 237 | 199 | 265 | 236 | | | | | | | | | |
| AT 12-4M28 | 117 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | 256 | 225 | 298 | 308 | 197 | 287 | 242 | 308 | 308 | 213 | 288 | 280 | 308 | 299 | 217 | 259 | 210 | 269 | 257 | | | | | | | | | |
| AT 12-4M28 | 122 | 161 | 181 | 102 | 156 | 129 | 175 | 198 | 113 | 170 | 143 | 192 | 216 | 128 | 187 | 155 | 206 | 234 | 127 | 202 | 174 | 233 | 263 | 154 | 227 | 198 | 263 | 297 | 174 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Condition Reference # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | |
|-----------------------|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| AT 217-3H12 | 37 | 57 | 67 | NC | 55 | 42 | 64 | 74 | NC | 61 | 49 | 72 | 84 | 41 | 70 | 54 | 80 | 92 | 46 | 77 | 63 | 92 | 106 | 54 | 89 | 75 | 106 | 121 | 63 | 103 | 88 | 121 | 137 | 75 | 116 | 86 | 132 | 148 | 82 | 126 | 113 | 151 | 167 | 168 | 143 | 104 | 84 | 118 | 103 | | |
| AT 217-3J12 | 43 | 65 | 75 | NC | 62 | 49 | 73 | 84 | 41 | 69 | 58 | 81 | 94 | 47 | 79 | 62 | 90 | 103 | 53 | 87 | 72 | 103 | 117 | 61 | 100 | 84 | 117 | 133 | 72 | 114 | 88 | 134 | 150 | 84 | 129 | 107 | 146 | 162 | 82 | 139 | 125 | 166 | 183 | 109 | 157 | 115 | 94 | 120 | 114 | | |
| AT 217-3K12 | 59 | 81 | 92 | 51 | 79 | 102 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | | |
| AT 217-3L12 | 62 | 80 | 103 | 53 | 87 | 70 | 100 | 113 | 60 | 96 | 79 | 110 | 125 | 68 | 107 | 87 | 120 | 136 | 75 | 116 | 99 | 136 | 153 | 86 | 132 | 114 | 153 | 173 | 97 | 149 | 131 | 174 | 182 | 104 | 114 | 168 | 182 | 104 | 114 | 168 | 182 | 104 | 114 | 168 | 182 | 104 | 114 | 168 | 182 | | |
| AT 217-4H12 | 46 | 65 | 74 | 39 | 63 | 51 | 71 | 81 | 44 | 69 | 67 | 79 | 89 | 50 | 76 | 62 | 86 | 97 | 54 | 83 | 71 | 97 | 110 | 62 | 94 | 81 | 110 | 124 | 71 | 107 | 93 | 125 | 140 | 81 | 120 | 101 | 135 | 151 | 88 | 129 | 117 | 154 | 170 | 102 | 146 | 108 | 90 | 121 | 107 | | |
| AT 217-4I12 | 51 | 72 | 82 | 44 | 70 | 57 | 79 | 88 | 50 | 76 | 64 | 87 | 99 | 56 | 85 | 69 | 95 | 107 | 61 | 92 | 78 | 107 | 121 | 68 | 104 | 90 | 121 | 136 | 78 | 117 | 103 | 137 | 153 | 90 | 132 | 111 | 148 | 165 | 97 | 141 | 128 | 169 | 186 | 113 | 169 | 119 | 99 | 133 | 118 | | |
| AT 217-4J12 | 65 | 90 | 102 | 57 | 87 | 72 | 98 | 110 | 63 | 95 | 80 | 108 | 122 | 70 | 105 | 87 | 117 | 132 | 77 | 112 | 98 | 131 | 148 | 86 | 128 | 111 | 148 | 167 | 98 | 144 | 126 | 168 | 187 | 111 | 161 | 136 | 182 | 104 | 173 | 157 | 182 | 104 | 173 | 157 | 182 | 104 | 173 | 157 | 182 | | |
| AT 217-4L12 | 70 | 98 | 109 | 61 | 94 | 77 | 105 | 118 | 68 | 102 | 86 | 115 | 130 | 76 | 112 | 93 | 125 | 140 | 82 | 121 | 105 | 140 | 158 | 92 | 136 | 118 | 158 | 178 | 104 | 154 | 135 | 179 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-5H12 | 73 | 99 | 112 | 64 | 97 | 80 | 109 | 121 | 70 | 105 | 89 | 119 | 134 | 78 | 116 | 98 | 129 | 145 | 85 | 125 | 108 | 144 | 163 | 95 | 141 | 122 | 162 | 183 | 108 | 158 | 139 | 184 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-4I2T | 46 | 65 | 75 | NC | 64 | 52 | 72 | 82 | 45 | 70 | 58 | 80 | 91 | 51 | 78 | 63 | 87 | 99 | 53 | 87 | 75 | 106 | 122 | 70 | 106 | 91 | 122 | 138 | 80 | 119 | 104 | 137 | 153 | 90 | 132 | 111 | 148 | 165 | 97 | 141 | 128 | 169 | 186 | 113 | 169 | 119 | 99 | 133 | 118 | | |
| AT 217-4J2T | 52 | 82 | 93 | 52 | 80 | 66 | 90 | 101 | 57 | 87 | 73 | 99 | 112 | 64 | 97 | 79 | 108 | 121 | 70 | 104 | 90 | 121 | 136 | 79 | 118 | 102 | 138 | 154 | 90 | 133 | 116 | 155 | 173 | 102 | 148 | 126 | 167 | 187 | 110 | 160 | 145 | 191 | 128 | 181 | 134 | 112 | 159 | 133 | | | |
| AT 217-4K2T | 66 | 91 | 103 | 58 | 89 | 73 | 100 | 112 | 64 | 97 | 81 | 109 | 123 | 72 | 107 | 88 | 119 | 134 | 78 | 115 | 99 | 133 | 150 | 87 | 130 | 113 | 150 | 169 | 99 | 146 | 128 | 170 | 190 | 113 | 163 | 138 | 184 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | |
| AT 217-4L2T | 71 | 98 | 110 | 62 | 95 | 79 | 107 | 119 | 69 | 103 | 87 | 117 | 132 | 77 | 114 | 95 | 128 | 142 | 84 | 123 | 106 | 142 | 160 | 94 | 138 | 120 | 160 | 180 | 106 | 156 | 137 | 181 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-5H12T | 48 | 68 | 77 | 41 | 66 | 53 | 74 | 84 | 46 | 72 | 60 | 82 | 93 | 52 | 80 | 65 | 89 | 101 | 57 | 87 | 74 | 101 | 114 | 65 | 96 | 85 | 114 | 129 | 74 | 111 | 97 | 130 | 145 | 85 | 125 | 105 | 140 | 155 | 92 | 134 | 122 | 158 | 172 | 107 | 151 | 112 | 94 | 126 | 112 | | |
| AT 217-5I2T | 54 | 75 | 85 | 47 | 73 | 60 | 83 | 93 | 52 | 80 | 67 | 91 | 103 | 58 | 88 | 73 | 99 | 112 | 64 | 98 | 82 | 111 | 125 | 72 | 108 | 94 | 125 | 141 | 82 | 122 | 107 | 142 | 157 | 94 | 137 | 116 | 153 | 168 | 102 | 146 | 125 | 168 | 125 | 168 | 125 | 168 | 125 | 168 | 125 | 168 | |
| AT 217-5J2T | 62 | 83 | 93 | 52 | 80 | 66 | 90 | 101 | 57 | 87 | 73 | 99 | 112 | 64 | 97 | 79 | 108 | 121 | 70 | 104 | 90 | 121 | 136 | 79 | 118 | 102 | 138 | 154 | 90 | 133 | 116 | 155 | 173 | 102 | 148 | 126 | 167 | 187 | 110 | 160 | 145 | 191 | 128 | 181 | 134 | 112 | 159 | 133 | | | |
| AT 217-5K2T | 68 | 94 | 106 | 60 | 91 | 75 | 103 | 115 | 66 | 99 | 84 | 112 | 126 | 74 | 110 | 91 | 122 | 137 | 80 | 116 | 102 | 136 | 152 | 90 | 133 | 116 | 152 | 169 | 102 | 149 | 131 | 170 | 186 | 115 | 164 | 141 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-5L2T | 73 | 100 | 113 | 64 | 98 | 81 | 110 | 123 | 71 | 106 | 90 | 120 | 135 | 79 | 117 | 97 | 130 | 145 | 86 | 126 | 109 | 145 | 161 | 96 | 141 | 123 | 161 | 179 | 109 | 158 | 140 | 179 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-5M2T | 76 | 104 | 117 | 66 | 101 | 84 | 113 | 126 | 73 | 109 | 93 | 124 | 139 | 82 | 121 | 100 | 134 | 149 | 89 | 130 | 112 | 149 | 166 | 99 | 146 | 127 | 166 | 183 | 112 | 162 | 144 | 184 | 184 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-2H14 | 57 | 83 | 93 | NC | 60 | 48 | 67 | NC | 57 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | 69 | 82 | NC | 65 | NC | |
| AT 217-2I14 | NC | 60 | 72 | NC | 58 | NC | 68 | NC | 63 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 | NC | 76 | 87 |
| AT 217-2J14 | NC | 69 | 82 | NC | 66 | 48 | 78 | 91 | NC | 75 | 58 | 89 | 104 | 46 | 86 | 65 | 99 | 115 | 54 | 95 | 77 | 114 | 132 | 65 | 111 | 92 | 132 | 152 | 77 | 128 | 109 | 153 | 173 | 92 | 146 | 120 | 167 | 188 | 102 | 159 | 142 | 192 | 122 | 182 | 104 | 130 | 104 | 148 | 129 | | |
| AT 217-2K14 | 47 | 77 | 91 | NC | 75 | 56 | 87 | 101 | 45 | 84 | 66 | 99 | 115 | 54 | 95 | 74 | 109 | 126 | 62 | 105 | 87 | 128 | 145 | 73 | 122 | 102 | 145 | 166 | 87 | 141 | 120 | 167 | 188 | 102 | 159 | 142 | 192 | 122 | 182 | 104 | 130 | 104 | 148 | 129 | 115 | 93 | 118 | 142 | | | |
| AT 217-2L14 | 62 | 80 | 100 | 63 | 92 | 75 | 103 | 115 | 66 | 99 | 85 | 118 | 132 | 80 | 121 | 95 | 119 | 137 | 80 | 116 | 102 | 136 | 152 | 90 | 133 | 116 | 152 | 169 | 102 | 149 | 131 | 170 | 186 | 115 | 164 | 141 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-3H14 | NC | 62 | 73 | NC | 60 | 48 | 70 | 87 | NC | 67 | 53 | 78 | 92 | 45 | 75 | 60 | 82 | 93 | 52 | 80 | 67 | 102 | 50 | 86 | 70 | 102 | 117 | 65 | 98 | 82 | 133 | 134 | 70 | 114 | 97 | 135 | 152 | 90 | 140 | 126 | 169 | 186 | 113 | 169 | 119 | 99 | 133 | 118 | | | |
| AT 217-3I14 | 46 | 71 | 83 | NC | 69 | 53 | 80 | 92 | 44 | 76 | 61 | 90 | 104 | 51 | 87 | 68 | 99 | 114 | 58 | 95 | 79 | 114 | 130 | 67 | 110 | 93 | 130 | 148 | 79 | 127 | 109 | 148 | 168 | 93 | 143 | 119 | 162 | 181 | 102 | 154 | 139 | 185 | 204 | 121 | 176 | 128 | 104 | 145 | 127 | | |
| AT 217-3J14 | 54 | 81 | 95 | 45 | 79 | 62 | 91 | 104 | 52 | 87 | 71 | 102 | 117 | 60 | 99 | 78 | 112 | 128 | 67 | 108 | 90 | 128 | 145 | 77 | 124 | 105 | 145 | 165 | 90 | 141 | 122 | 166 | 188 | 102 | 159 | 142 | 192 | 122 | 182 | 104 | 130 | 104 | 148 | 129 | 115 | 93 | 118 | 142 | | | |
| AT 217-3K14 | 61 | 81 | 105 | 52 | 88 | 70 | 102 | 116 | 59 | 98 | 79 | 113 | 129 | 68 | 109 | 90 | 124 | 141 | 75 | 120 | 101 | 140 | 159 | 87 | 136 | 117 | 159 | 180 | 101 | 159 | 135 | 181 | 202 | 117 | 174 | 148 | 198 | 219 | 127 | 187 | 170 | 223 | 184 | 212 | 157 | 136 | 176 | 155 | | | |
| AT 217-3L14 | 64 | 80 | 100 | 63 | 92 | 75 | 103 | 115 | 66 | 99 | 85 | 118 | 132 | 80 | 121 | 95 | 119 | 137 | 80 | 116 | 102 | 136 | 152 | 90 | 133 | 116 | 152 | 169 | 102 | 149 | 131 | 170 | 186 | 115 | 164 | 141 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-3M14 | 74 | 107 | 122 | 62 | 94 | 83 | 118 | 134 | 71 | 114 | 94 | 131 | 148 | 81 | 127 | 103 | 142 | 161 | 89 | 138 | 117 | 161 | 181 | 102 | 156 | 135 | 181 | 205 | 117 | 177 | 154 | 208 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | 104 | 172 | 145 | 182 | | |
| AT 217-4H14 | 50 | 71 | 81 | 43 | 69 | 56 | 79 | 89 | 48 | 76 | 63 | 87 | 99 | 55 | 85 | 69 | 96 | 108 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Condition Reference # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | | | | | |
|-----------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Unit Subj. °C | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 18 | 18 | 18 | 18 | 21 | 21 | 21 | 21 | 24 | 24 | 24 | 24 | 24 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 29 | 29 | 29 | 29 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | | | |
| Barion °C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| Approach °C | 4 | 6 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | |
| Inlet Water Temperature °C | 20 | 22 | 23 | 22 | 25 | 23 | 25 | 26 | 25 | 28 | 26 | 28 | 29 | 28 | 31 | 29 | 30 | 33 | 31 | 33 | 34 | 33 | 36 | 34 | 36 | 37 | 36 | 39 | 37 | 39 | 40 | 39 | 42 | 38 | 41 | 42 | 41 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | 42 | 44 | | |
| Outlet Water Temperature °C | 14 | 16 | 17 | 14 | 17 | 17 | 19 | 17 | 19 | 20 | 17 | 20 | 22 | 23 | 22 | 24 | 25 | 22 | 25 | 25 | 27 | 28 | 26 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 | 30 | 31 | 28 |
| AT 214-2L46 | NC | 181 | 194 | NC | 153 | NC | 185 | 219 | NC | 131 | 213 | 251 | NC | 205 | 151 | 238 | 280 | 122 | 228 | 183 | 279 | 325 | 149 | 269 | 221 | 325 | 377 | 183 | 315 | 265 | 379 | 433 | 221 | 382 | 293 | 417 | 471 | 246 | 394 | 351 | 482 | 534 | 299 | 445 | 318 | 253 | 367 | 316 | 316 | | | | | |
| AT 214-2M48 | NC | 172 | 207 | NC | 165 | NC | 198 | 232 | NC | 187 | 141 | 225 | 285 | NC | 217 | 184 | 252 | 295 | 131 | 242 | 196 | 294 | 342 | 181 | 284 | 234 | 341 | 396 | 195 | 311 | 280 | 398 | 452 | 234 | 380 | 308 | 436 | 492 | 280 | 413 | 368 | 503 | 556 | 314 | 476 | 337 | 385 | 332 | 332 | | | | | |
| AT 214-2N48 | NC | 189 | 225 | NC | 180 | NC | 216 | 253 | NC | 201 | 178 | 243 | 285 | NC | 237 | 198 | 273 | 313 | 141 | 245 | 197 | 297 | 345 | 217 | 318 | 268 | 375 | 367 | 445 | 214 | 356 | 302 | 476 | 524 | 367 | 504 | 452 | 584 | 526 | 470 | 427 | 535 | 587 | 338 | 501 | 360 | 441 | 465 | 362 | | | | | |
| AT 214-2O48 | NC | 194 | 245 | NC | 199 | NC | 147 | 234 | NC | 175 | 230 | 309 | 339 | NC | 141 | 256 | 197 | 244 | 114 | 184 | 283 | 342 | 352 | 340 | 350 | 342 | 384 | 454 | 512 | 275 | 334 | 356 | 460 | 536 | 462 | 522 | 473 | 522 | 465 | 624 | 537 | 368 | 361 | 441 | 465 | 360 | 401 | 465 | 362 | | | | | |
| AT 214-3K48 | NC | 175 | 206 | NC | 169 | 129 | 198 | 230 | NC | 189 | 150 | 223 | 260 | 125 | 216 | 168 | 248 | 288 | 141 | 238 | 196 | 287 | 331 | 166 | 278 | 231 | 331 | 379 | 196 | 312 | 274 | 381 | 431 | 231 | 365 | 300 | 416 | 467 | 255 | 395 | 355 | 477 | 526 | 306 | 452 | 325 | 262 | 370 | 322 | | | | | |
| AT 214-3L48 | NC | 126 | 184 | 227 | NC | 187 | 144 | 218 | 253 | NC | 209 | 167 | 246 | 286 | 140 | 238 | 188 | 272 | 314 | 158 | 262 | 217 | 313 | 360 | 279 | 313 | 365 | 359 | 411 | 216 | 349 | 299 | 413 | 464 | 254 | 395 | 328 | 449 | 502 | 280 | 427 | 385 | 513 | 565 | 333 | 487 | 353 | 287 | 401 | 350 | | | | |
| AT 214-3M48 | NC | 134 | 205 | 240 | NC | 198 | 153 | 230 | 266 | 129 | 220 | 177 | 258 | 299 | 149 | 250 | 196 | 286 | 309 | 167 | 275 | 228 | 326 | 375 | 194 | 318 | 268 | 375 | 428 | 228 | 365 | 313 | 437 | 485 | 584 | 267 | 412 | 342 | 487 | 522 | 294 | 445 | 401 | 533 | 588 | 348 | 506 | 368 | 301 | 418 | 366 | | | |
| AT 214-3O48 | NC | 152 | 229 | 266 | 127 | 220 | 175 | 255 | 291 | 145 | 245 | 198 | 286 | 309 | 168 | 277 | 219 | 314 | 360 | 197 | 304 | 253 | 359 | 410 | 216 | 321 | 296 | 409 | 465 | 253 | 398 | 344 | 467 | 523 | 296 | 449 | 375 | 507 | 566 | 322 | 483 | 437 | 577 | 609 | 347 | 402 | 331 | 454 | 399 | | | | | |
| AT 214-3O48 | NC | 165 | 246 | 285 | 138 | 238 | 187 | 275 | 314 | 158 | 263 | 214 | 306 | 351 | 182 | 297 | 236 | 336 | 383 | 202 | 325 | 273 | 382 | 435 | 233 | 371 | 317 | 434 | 492 | 272 | 423 | 367 | 495 | 543 | 316 | 475 | 398 | 536 | 598 | 345 | 511 | 463 | 611 | NC | 405 | 579 | 427 | 353 | 481 | 424 | | | | |
| AT 214-3P48 | NC | 178 | 263 | 304 | 171 | 282 | 320 | 334 | 171 | 282 | 329 | 326 | 373 | 196 | 317 | 253 | 357 | 407 | 217 | 345 | 291 | 405 | 459 | 250 | 394 | 337 | 459 | 519 | 211 | 447 | 389 | 522 | 584 | 338 | 502 | 422 | 565 | 630 | 366 | 539 | 489 | 644 | NC | 428 | 611 | 451 | 374 | 508 | 448 | | | | | |
| AT 214-4K48 | NC | 144 | 206 | 235 | 124 | 200 | 162 | 227 | 257 | 138 | 219 | 181 | 251 | 285 | 157 | 244 | 198 | 273 | 311 | 173 | 285 | 229 | 310 | 351 | 196 | 301 | 258 | 351 | 397 | 225 | 342 | 297 | 398 | 447 | 258 | 383 | 323 | 432 | 483 | 280 | 412 | 374 | 493 | 543 | 328 | 488 | 345 | 267 | 388 | 343 | | | | |
| AT 214-4L48 | NC | 158 | 232 | 255 | 138 | 217 | 176 | 246 | 278 | 152 | 207 | 198 | 272 | 308 | 224 | 215 | 296 | 355 | 188 | 367 | 245 | 334 | 378 | 213 | 325 | 280 | 378 | 427 | 284 | 381 | 324 | 429 | 480 | 280 | 412 | 348 | 465 | 519 | 303 | 443 | 402 | 530 | 584 | 352 | 503 | 371 | 517 | 389 | | | | | | |
| AT 214-4M48 | NC | 167 | 234 | 267 | 144 | 228 | 185 | 258 | 291 | 161 | 249 | 208 | 324 | 323 | 181 | 277 | 228 | 309 | 350 | 198 | 300 | 256 | 349 | 394 | 224 | 340 | 293 | 394 | 445 | 296 | 384 | 336 | 448 | 501 | 293 | 430 | 363 | 485 | 541 | 317 | 462 | 420 | 553 | 609 | 368 | 524 | 388 | 324 | 435 | 385 | | | | |
| AT 214-4N48 | NC | 184 | 256 | 291 | 160 | 249 | 204 | 282 | 318 | 177 | 272 | 228 | 310 | 351 | 199 | 302 | 248 | 337 | 380 | 217 | 327 | 280 | 379 | 428 | 245 | 369 | 300 | 427 | 483 | 280 | 417 | 365 | 485 | 543 | 319 | 486 | 394 | 525 | 586 | 345 | 501 | 456 | 599 | 600 | 568 | 421 | 352 | 472 | 418 | | | | | |
| AT 214-4O48 | NC | 195 | 271 | 308 | 170 | 284 | 216 | 296 | 335 | 188 | 288 | 241 | 328 | 369 | 211 | 319 | 262 | 355 | 400 | 230 | 345 | 296 | 399 | 450 | 260 | 389 | 337 | 450 | 508 | 298 | 439 | 384 | 510 | 571 | 337 | 481 | 415 | 553 | 617 | 383 | 527 | 479 | 630 | NC | 421 | 598 | 443 | 371 | 497 | 440 | | | | |
| AT 214-4P48 | NC | 209 | 288 | 327 | 182 | 281 | 231 | 316 | 355 | 202 | 308 | 257 | 347 | 391 | 225 | 338 | 279 | 378 | 424 | 246 | 365 | 314 | 422 | 476 | 276 | 411 | 357 | 476 | 537 | 314 | 464 | 407 | 540 | 604 | 357 | 519 | 436 | 585 | NC | 385 | 558 | 526 | NC | 445 | 628 | 468 | 393 | 525 | 465 | | | | | |
| AT 214-4R48 | NC | 211 | 317 | 372 | 211 | 322 | 266 | 361 | 404 | 234 | 349 | 295 | 365 | 445 | 260 | 385 | 300 | 428 | 481 | 283 | 415 | 359 | 460 | 541 | 317 | 468 | 460 | 541 | 610 | 539 | 527 | 462 | 613 | NC | 406 | 589 | 496 | NC | 438 | 633 | 575 | NC | 506 | NC | 532 | 447 | 596 | 528 | | | | | | |
| AT 214-5K72 | NC | 206 | 256 | NC | 197 | NC | 244 | 292 | NC | 229 | NC | 281 | 336 | NC | 270 | 194 | 318 | 377 | NC | 305 | 242 | 375 | 440 | 192 | 362 | 295 | 440 | 513 | 242 | 428 | 356 | 516 | 592 | 294 | 462 | 395 | 569 | 647 | 329 | 537 | 476 | 663 | 737 | 403 | 624 | 431 | 339 | 499 | 427 | | | | | |
| AT 214-5L72 | NC | 225 | 312 | 347 | NC | 227 | 211 | 314 | 353 | 211 | 314 | 353 | 406 | NC | 281 | 214 | 318 | 377 | NC | 314 | 261 | 374 | 440 | 211 | 314 | 353 | 406 | NC | 281 | 214 | 318 | 377 | NC | 314 | 261 | 374 | 440 | 211 | 314 | 353 | 406 | NC | 281 | 214 | 318 | 377 | NC | 314 | 261 | 374 | 440 | 211 | | |
| AT 214-5M72 | NC | 255 | 307 | NC | 245 | NC | 293 | 345 | NC | 278 | 209 | 334 | 394 | NC | 322 | 243 | 374 | 438 | 194 | 369 | 290 | 427 | 508 | 239 | 422 | 348 | 508 | 589 | 290 | 492 | 415 | 592 | 673 | 348 | 565 | 458 | 649 | 733 | 386 | 615 | 648 | 749 | 629 | 467 | 708 | 488 | 397 | 573 | 494 | | | | | |
| AT 314-2N72 | NC | 281 | 335 | NC | 269 | 195 | 321 | 376 | NC | 306 | 236 | 365 | 428 | 188 | 352 | 267 | 405 | 473 | 217 | 390 | 318 | 471 | 647 | 263 | 456 | 379 | 547 | 317 | 613 | 530 | 444 | 617 | 658 | 544 | 719 | 378 | 606 | 494 | 694 | 780 | 419 | 658 | 688 | 788 | 600 | 504 | 755 | 536 | 430 | 615 | 311 | | | |
| AT 314-2O72 | NC | 194 | 307 | 364 | NC | 295 | 218 | 348 | 405 | NC | 332 | 259 | 393 | 459 | 209 | 380 | 292 | 437 | 508 | 243 | 421 | 345 | 506 | 585 | 288 | 490 | 404 | 584 | 672 | 344 | 487 | 626 | 678 | 763 | 680 | 648 | 530 | 737 | 627 | 850 | 700 | 628 | 844 | 930 | 540 | 800 | 573 | 462 | 655 | 568 | | | | |
| AT 314-3K72 | NC | 260 | 307 | 364 | NC | 291 | 195 | 294 | 341 | NC | 281 | 222 | 331 | 407 | 209 | 381 | 321 | 449 | 528 | 248 | 354 | 291 | 427 | 465 | 295 | 446 | 413 | 566 | 641 | 565 | 291 | 478 | 323 | 569 | 441 | 541 | 447 | 619 | 658 | 573 | 782 | 455 | 673 | 403 | 399 | 551 | 478 | 316 | | | | | | |
| AT 314-3L72 | NC | 188 | 238 | 285 | NC | 227 | 214 | 334 | 383 | NC | 248 | 183 | 268 | 321 | 188 | 279 | 426 | 468 | 334 | 389 | 323 | 466 | 518 | 282 | 396 | 379 | 535 | 611 | 353 | 439 | 518 | 645 | 614 | 691 | 378 | 489 | 689 | 748 | 416 | 636 | 573 | 824 | 922 | 625 | 427 | 525 | 427 | 316 | | | | | | |
| AT 314-3M72 | NC | 195 | 305 | 356 | NC | 234 | 228 | 342 | 395 | 190 | 327 | 282 | 384 | 445 | 220 | 372 | 291 | 425 | 490 | 248 | 409 | 339 | 488 | 559 | 288 | 473 | 398 | 558 | 637 | 339 | 543 | 466 | 640 | 719 | 398 | 614 | 509 | 696 | 778 | 437 | 662 | 598 | 794 | 875</ | | | | | | | | | | |

| Condition Reference # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|-------|-------|-----|-------|------|----|------|---|---|
| Inlet Bulb °C | 10 | 10 | 10 | 10 | 13 | 13 | 13 | 13 | 13 | 16 | 16 | 16 | 16 | 16 | 16 | 18 | 18 | 18 | 18 | 18 | 21 | 21 | 21 | 21 | 21 | 24 | 24 | 24 | 24 | 24 | 27 | 27 | 27 | 27 | 27 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 21 | 25.56 | 27 | 28 | | | |
| Ratios °C | 6 | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5.56 | 5 | 5 |
| Approach °C | 4 | 6 | 7 | 4 | 7 | 4 | 6 | 7 | 4 | 7 | 4 | 6 | 7 | 4 | 7 | 4 | 6 | 7 | 4 | 7 | 4 | 6 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 6 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 7 | 4 | 6 | 3.89 | 5 | 4 | | |
| Inlet Water Temperature °C | 20 | 22 | 23 | 22 | 25 | 23 | 25 | 26 | 25 | 28 | 28 | 28 | 29 | 28 | 31 | 28 | 30 | 31 | 30 | 33 | 31 | 33 | 34 | 33 | 36 | 34 | 36 | 37 | 36 | 39 | 37 | 39 | 40 | 39 | 42 | 38 | 41 | 42 | 41 | 44 | 42.2 | 44.2 | 45.2 | 44.2 | 47.2 | 32 | 35.00 | 37 | 37 | | | | | | |
| Outlet Water Temperature °C | 14 | 16 | 17 | 14 | 17 | 17 | 19 | 20 | 17 | 20 | 20 | 22 | 23 | 20 | 23 | 22 | 24 | 25 | 22 | 25 | 25 | 27 | 28 | 25 | 28 | 28 | 30 | 31 | 28 | 31 | 31 | 31 | 33 | 34 | 31 | 34 | 33 | 35 | 36 | 33 | 36 | 36.2 | 36.2 | 39.2 | 36.2 | 39.2 | 27 | 28.44 | 32 | 32 | | | | | |
| AT 248-5P30-EV | 328 | 485 | 530 | 282 | 452 | 366 | 512 | 578 | 316 | 484 | 411 | 565 | 640 | 357 | 550 | 448 | 615 | 696 | 391 | 596 | 509 | 693 | 783 | 444 | 675 | 582 | 782 | 880 | 509 | 762 | 666 | 884 | NC | 582 | 851 | 721 | 953 | NC | 630 | 912 | 831 | NC | NC | 731 | NC | 769 | 643 | 861 | 764 | | | | | | |
| AT 248-5Q30-EV | 352 | 495 | 563 | 303 | 481 | 391 | 545 | 614 | 339 | 526 | 439 | 600 | 678 | 382 | 584 | 477 | 651 | 735 | 418 | 632 | 541 | 733 | 826 | 473 | 714 | 618 | 826 | 927 | 541 | 805 | 708 | 931 | NC | 617 | 897 | 762 | NC | NC | 667 | NC | 876 | NC | NC | 773 | NC | 812 | 681 | 807 | 807 | | | | | | |
| AT 248-5R30-EV | 407 | 586 | 641 | 354 | 551 | 452 | 621 | 697 | 384 | 601 | 504 | 682 | 768 | 442 | 664 | 547 | 728 | 830 | 481 | 717 | 617 | 828 | 928 | 543 | 807 | 701 | 927 | NC | 617 | 905 | 798 | NC | NC | 701 | NC | 859 | NC | NC | 755 | NC | NC | NC | 871 | NC | 913 | 771 | NC | 908 | | | | | | | |
| AT 248-5S30-EV | 438 | 604 | 683 | 380 | 588 | 484 | 661 | 741 | 423 | 640 | 539 | 725 | 814 | 473 | 708 | 584 | 784 | 880 | 515 | 761 | 657 | 877 | NC | 579 | 855 | 745 | NC | NC | 857 | NC | 846 | NC | NC | 809 | NC | NC | 802 | NC | NC | 822 | NC | NC | 922 | NC | NC | 818 | NC | NC | | | | | | | |
| AT 248-5T30-EV | 470 | 646 | 728 | 410 | 629 | 520 | 708 | 789 | 455 | 683 | 577 | 772 | 866 | 508 | 753 | 625 | 834 | 933 | 552 | 811 | 702 | 931 | NC | 620 | 908 | 794 | NC | NC | 701 | NC | 898 | NC | NC | 793 | NC | NC | NC | 853 | NC | NC | NC | NC | NC | NC | 870 | NC | NC | | | | | | | | |
| AT 224-4N60-EV | 274 | 395 | 453 | NC | 383 | 307 | 438 | 496 | 264 | 421 | 348 | 484 | 553 | 299 | 471 | 380 | 529 | 603 | 330 | 512 | 435 | 601 | 684 | 377 | 584 | 500 | 684 | 775 | 434 | 665 | 577 | 779 | 874 | 499 | 748 | 627 | 845 | 845 | 543 | 805 | 729 | NC | NC | 637 | 915 | 672 | 555 | 758 | 667 | | | | | | |
| AT 224-4Q60-EV | 294 | 422 | 482 | NC | 409 | 330 | 466 | 528 | 283 | 449 | 372 | 516 | 587 | 321 | 501 | 408 | 562 | 640 | 384 | 545 | 463 | 638 | 725 | 402 | 621 | 532 | 724 | 820 | 462 | 706 | 613 | 824 | 923 | 532 | 762 | 695 | 894 | NC | 577 | 852 | 772 | NC | NC | 676 | NC | 712 | 590 | 801 | 707 | | | | | | |
| AT 224-4R60-EV | 325 | 461 | 526 | 279 | 448 | 363 | 509 | 575 | 313 | 490 | 407 | 561 | 638 | 355 | 546 | 445 | 612 | 695 | 398 | 593 | 505 | 693 | 784 | 441 | 674 | 579 | 763 | 868 | 504 | 763 | 665 | 890 | NC | 578 | 855 | 721 | NC | NC | 627 | 920 | 834 | NC | NC | 732 | NC | 770 | 641 | 866 | 765 | | | | | | |
| AT 224-4Q60-EV | 349 | 491 | 559 | 299 | 477 | 388 | 541 | 611 | 336 | 522 | 435 | 596 | 677 | 378 | 580 | 473 | 649 | 736 | 414 | 629 | 537 | 733 | 829 | 469 | 714 | 615 | 828 | 936 | 537 | 807 | 705 | 941 | NC | 614 | 904 | 762 | NC | NC | 666 | NC | 882 | NC | 774 | NC | 815 | 680 | 915 | 809 | | | | | | | |
| AT 224-4R60-EV | 399 | 557 | 632 | 347 | 541 | 443 | 612 | 689 | 386 | 591 | 494 | 673 | 761 | 433 | 655 | 538 | 731 | 825 | 472 | 710 | 608 | 822 | 928 | 533 | 801 | 694 | 928 | NC | 608 | 804 | 791 | NC | NC | 693 | NC | 855 | NC | NC | 748 | NC | NC | NC | NC | 868 | NC | 912 | 764 | NC | 906 | | | | | | |
| AT 224-4S60-EV | 434 | 601 | 682 | 377 | 585 | 480 | 660 | 741 | 419 | 637 | 535 | 725 | 817 | 469 | 706 | 581 | 785 | 885 | 511 | 762 | 656 | 863 | NC | 576 | 860 | 745 | NC | NC | 656 | NC | 849 | NC | NC | 745 | NC | 917 | NC | NC | 804 | NC | NC | NC | 951 | NC | NC | 820 | NC | NC | | | | | | | |
| AT 224-4T60-EV | 466 | 644 | 728 | 407 | 627 | 516 | 706 | 790 | 451 | 682 | 574 | 773 | 871 | 504 | 753 | 622 | 837 | 943 | 549 | 813 | 701 | 940 | NC | 617 | 916 | 795 | NC | NC | 701 | NC | 905 | NC | NC | 795 | NC | NC | 857 | NC | NC | NC | NC | NC | NC | 875 | NC | NC | | | | | | | | | |
| AT 224-5N60-EV | 277 | 398 | 467 | NC | 386 | 310 | 441 | 500 | 267 | 425 | 351 | 488 | 556 | 302 | 474 | 383 | 533 | 607 | 333 | 517 | 438 | 604 | 685 | 380 | 588 | 504 | 685 | 775 | 438 | 667 | 580 | 778 | 869 | 504 | 748 | 629 | 842 | 935 | 547 | 803 | 729 | 953 | NC | 639 | 907 | 673 | 559 | 757 | 668 | | | | | | |
| AT 224-5Q60-EV | 297 | 426 | 486 | NC | 413 | 333 | 470 | 532 | 287 | 453 | 375 | 520 | 591 | 324 | 505 | 410 | 566 | 643 | 357 | 549 | 467 | 640 | 725 | 408 | 623 | 536 | 724 | 818 | 486 | 708 | 816 | 821 | 915 | 536 | 780 | 666 | 888 | NC | 580 | 848 | 771 | NC | NC | 677 | 955 | 713 | 593 | 800 | 708 | | | | | | |
| AT 224-5R60-EV | 328 | 465 | 530 | 282 | 452 | 366 | 512 | 578 | 316 | 484 | 411 | 565 | 640 | 357 | 550 | 448 | 615 | 696 | 391 | 596 | 509 | 693 | 783 | 444 | 675 | 582 | 782 | 880 | 509 | 762 | 666 | 884 | NC | 582 | 851 | 721 | 953 | NC | 630 | 912 | 831 | NC | NC | 731 | NC | 769 | 643 | 861 | 764 | | | | | | |
| AT 224-5S60-EV | 352 | 495 | 563 | 303 | 481 | 391 | 545 | 614 | 339 | 526 | 439 | 600 | 678 | 382 | 584 | 477 | 651 | 735 | 418 | 632 | 541 | 733 | 826 | 473 | 714 | 618 | 826 | 927 | 541 | 805 | 708 | 931 | NC | 617 | 897 | 762 | NC | NC | 667 | NC | 876 | NC | NC | 773 | NC | 812 | 681 | 807 | 807 | | | | | | |
| AT 224-5T60-EV | 407 | 586 | 641 | 354 | 551 | 452 | 621 | 697 | 384 | 601 | 504 | 682 | 768 | 442 | 664 | 547 | 728 | 830 | 481 | 717 | 617 | 828 | 928 | 543 | 807 | 701 | 927 | NC | 617 | 905 | 798 | NC | NC | 701 | NC | 859 | NC | NC | 755 | NC | NC | NC | 871 | NC | 913 | 771 | NC | 908 | | | | | | | |
| AT 224-5S60-EV | 438 | 604 | 683 | 380 | 588 | 484 | 661 | 741 | 423 | 640 | 539 | 725 | 814 | 473 | 708 | 584 | 784 | 880 | 515 | 761 | 657 | 877 | NC | 579 | 855 | 745 | NC | NC | 857 | NC | 846 | NC | NC | 745 | NC | 909 | NC | NC | 802 | NC | NC | NC | 922 | NC | NC | 818 | NC | NC | | | | | | | |
| AT 224-5T60-EV | 470 | 646 | 728 | 410 | 629 | 520 | 708 | 789 | 455 | 683 | 577 | 772 | 866 | 508 | 753 | 625 | 834 | 933 | 552 | 811 | 702 | 931 | NC | 620 | 908 | 794 | NC | NC | 701 | NC | 898 | NC | NC | 793 | NC | NC | NC | 853 | NC | NC | NC | NC | NC | NC | 870 | NC | NC | | | | | | | | |