



3900 Dr. Greaves Rd.

Kansas City, MO 64030

(816) 761-7476

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**HOT WATER COIL
TOTAL UNIT HEATING CAPACITY**

EVT-046 EVT-046

| EVT-046 TOTAL UNIT HEATING CAPACITY -- HOT WATER COIL | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|--------|------------|---------------|------------|---------------|----------|-----------------------|------------|----------------------------|---------------|--------------|--------------------------------------|------------|--------------|------------------|---------------|------------------|------------------|------------|--------------|---------------------|---------|------------------|-------------|-------|
| WINTER APPLICATION RATINGS - ENTHALPY WHEEL | | | | | | | | | | | | | PERFORMANCE RATINGS - HOT WATER COIL | | | | | | | | | | | | | |
| AIR VOLUME (cfm) | OA CONDITIONS | | | RA CONDITIONS | | EFFECTIVENESS | | AIR-LVG WHL / ENT HWC | | HEATING CAP-ENTHALPY WHEEL | | | S/T | FLUID DATA | | | | | LEAVING AIR DATA | | | COOLING CAP-HW COIL | | UNIT PERFORMANCE | | |
| | DB (deg F) | RH (%) | WB (deg F) | DB (deg F) | WB (deg F) | LATENT (%) | SENS (%) | DB (deg F) | WB (deg F) | SENS (Btuh) | LATENT (Btuh) | TOTAL (Btuh) | | FR (gpm) | VEL (ft/sec) | ENT TEMP (deg F) | PR DROP (fwc) | LVG TEMP (deg F) | DB (deg F) | WB (deg F) | TOTAL (Btuh) | SENS (Btuh) | S/T | TOTAL (Btuh) | SENS (Btuh) | S/T |
| 3000 | -10 | 30 | -11.5 | 72.0 | 54.0 | 67.6 | 74.0 | 49.08 | 40.03 | 195,098 | 45,724 | 240,822 | 0.81 | 18 | 1.97 | 120 | 1.80 | 110.3 | 75.7 | 52.6 | 86,448 | 86,448 | 1.00 | 327,270 | 281,546 | 0.860 |
| | | | | | | | | | | | | | | 160 | 1.72 | 144.6 | 91.0 | 58.7 | 136,449 | 136,449 | 1.00 | 377,271 | 331,547 | 0.879 | | |
| | | | | | | | | | | | | | | 200 | 1.67 | 178.7 | 106.5 | 64.1 | 186,882 | 186,882 | 1.00 | 427,704 | 381,980 | 0.893 | | |
| | | | | | | | | | | | | | | 36 | 3.94 | 120 | 6.61 | 114.8 | 77.3 | 53.2 | 91,896 | 91,896 | 1.00 | 332,718 | 286,994 | 0.863 |
| | | | | | | | | | | | | | | 160 | 6.37 | 151.8 | 93.5 | 59.6 | 144,550 | 144,550 | 1.00 | 385,372 | 339,648 | 0.881 | | |
| | | | | | | | | | | | | | | 200 | 6.19 | 188.7 | 109.8 | 65.2 | 197,475 | 197,475 | 1.00 | 438,297 | 392,573 | 0.896 | | |
| | 54 | 5.91 | 120 | 14.26 | 116.5 | 77.9 | 53.5 | 93,913 | 93,913 | 1.00 | 334,735 | 289,011 | 0.863 | | | | | | | | | | | | | |
| | 160 | 13.80 | 154.4 | 94.4 | 59.9 | 147,507 | 147,507 | 1.00 | 388,329 | 342,605 | 0.882 | | | | | | | | | | | | | | | |
| | 200 | 13.43 | 192.3 | 111.0 | 65.6 | 201,304 | 201,304 | 1.00 | 442,126 | 396,402 | 0.897 | | | | | | | | | | | | | | | |
| | 18 | 1.97 | 120 | 1.79 | 111.5 | 81.2 | 55.2 | 75,682 | 75,682 | 1.00 | 240,473 | 198,799 | 0.827 | | | | | | | | | | | | | |
| | 160 | 1.72 | 145.8 | 96.5 | 61.0 | 125,590 | 125,590 | 1.00 | 290,381 | 248,707 | 0.856 | | | | | | | | | | | | | | | |
| | 200 | 1.67 | 180.0 | 112.0 | 66.2 | 175,953 | 175,953 | 1.00 | 340,744 | 299,070 | 0.878 | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.60 | 115.5 | 82.7 | 55.8 | 80,426 | 80,426 | 1.00 | 245,217 | 203,543 | 0.830 | | | | | | | | | | | | | | |
| 160 | 6.37 | 152.5 | 98.8 | 61.8 | 133,016 | 133,016 | 1.00 | 297,807 | 256,133 | 0.860 | | | | | | | | | | | | | | | | |
| 200 | 6.18 | 189.4 | 115.1 | 67.2 | 185,894 | 185,894 | 1.00 | 350,685 | 309,011 | 0.881 | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.26 | 116.5 | 83.2 | 56.0 | 82,186 | 82,186 | 1.00 | 246,977 | 205,303 | 0.831 | | | | | | | | | | | | | | |
| 160 | 13.80 | 154.9 | 99.7 | 62.1 | 135,731 | 135,731 | 1.00 | 300,522 | 258,848 | 0.861 | | | | | | | | | | | | | | | | |
| 200 | 13.43 | 192.8 | 116.2 | 67.6 | 189,492 | 189,492 | 1.00 | 354,283 | 312,609 | 0.882 | | | | | | | | | | | | | | | | |
| 18 | 1.97 | 120 | 1.79 | 112.6 | 86.4 | 58.3 | 65,586 | 65,586 | 1.00 | 142,000 | 117,431 | 0.827 | | | | | | | | | | | | | | |
| 160 | 1.72 | 147.0 | 101.7 | 63.7 | 115,410 | 115,410 | 1.00 | 191,824 | 167,255 | 0.872 | | | | | | | | | | | | | | | | |
| 200 | 1.66 | 181.1 | 117.2 | 68.7 | 165,709 | 165,709 | 1.00 | 242,123 | 217,554 | 0.899 | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.60 | 116.5 | 87.7 | 58.7 | 69,678 | 69,678 | 1.00 | 146,092 | 121,523 | 0.832 | | | | | | | | | | | | | | |
| 160 | 6.37 | 153.1 | 103.8 | 64.4 | 122,208 | 122,208 | 1.00 | 198,622 | 174,053 | 0.876 | | | | | | | | | | | | | | | | |
| 200 | 6.18 | 190.0 | 120.0 | 69.5 | 175,044 | 175,044 | 1.00 | 251,458 | 226,889 | 0.902 | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.26 | 117.3 | 88.1 | 58.9 | 71,198 | 71,198 | 1.00 | 147,612 | 123,043 | 0.834 | | | | | | | | | | | | | | |
| 160 | 13.80 | 155.3 | 104.6 | 64.7 | 124,698 | 124,698 | 1.00 | 201,112 | 176,543 | 0.878 | | | | | | | | | | | | | | | | |
| 200 | 13.43 | 193.2 | 121.1 | 69.9 | 178,426 | 178,426 | 1.00 | 254,840 | 230,271 | 0.904 | | | | | | | | | | | | | | | | |
| 3800 | -10 | 30 | -11.5 | 72.0 | 60.8 | 61.5 | 69.3 | 44.93 | 37.09 | 231,398 | 52,624 | 284,022 | 0.81 | 18 | 1.97 | 120 | 1.80 | 108.6 | 70.5 | 49.7 | 105,508 | 105,508 | 1.00 | 389,530 | 336,906 | 0.865 |
| | | | | | | | | | | | | | | 160 | 1.73 | 141.6 | 84.6 | 55.7 | 163,437 | 163,437 | 1.00 | 447,459 | 394,835 | 0.882 | | |
| | | | | | | | | | | | | | | 200 | 1.68 | 174.8 | 98.8 | 61.0 | 221,943 | 221,943 | 1.00 | 505,965 | 453,341 | 0.896 | | |
| | | | | | | | | | | | | | | 36 | 3.94 | 120 | 6.62 | 113.6 | 72.5 | 50.6 | 113,503 | 113,503 | 1.00 | 397,525 | 344,901 | 0.868 |
| | | | | | | | | | | | | | | 160 | 6.39 | 150.1 | 87.4 | 56.8 | 175,147 | 175,147 | 1.00 | 459,169 | 406,545 | 0.885 | | |
| | | | | | | | | | | | | | | 200 | 6.20 | 186.5 | 102.5 | 62.3 | 237,156 | 237,156 | 1.00 | 521,178 | 468,554 | 0.899 | | |
| | 54 | 5.91 | 120 | 14.29 | 115.6 | 73.2 | 50.9 | 116,487 | 116,487 | 1.00 | 400,509 | 347,885 | 0.869 | | | | | | | | | | | | | |
| | 160 | 13.81 | 153.2 | 88.5 | 57.2 | 179,450 | 179,450 | 1.00 | 463,472 | 410,848 | 0.886 | | | | | | | | | | | | | | | |
| | 200 | 13.45 | 190.8 | 103.8 | 62.8 | 242,686 | 242,686 | 1.00 | 526,708 | 474,084 | 0.900 | | | | | | | | | | | | | | | |
| | 18 | 1.97 | 120 | 1.80 | 109.8 | 77.4 | 53.1 | 90,934 | 90,934 | 1.00 | 284,808 | 236,848 | 0.832 | | | | | | | | | | | | | |
| | 160 | 1.73 | 143.2 | 91.4 | 58.7 | 148,722 | 148,722 | 1.00 | 342,596 | 294,636 | 0.860 | | | | | | | | | | | | | | | |
| | 200 | 1.67 | 176.4 | 105.6 | 63.7 | 207,119 | 207,119 | 1.00 | 400,993 | 353,033 | 0.880 | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.61 | 114.5 | 79.1 | 53.8 | 97,770 | 97,770 | 1.00 | 291,644 | 243,684 | 0.836 | | | | | | | | | | | | | | |
| 160 | 6.38 | 151.0 | 94.0 | 59.6 | 159,312 | 159,312 | 1.00 | 353,186 | 305,226 | 0.864 | | | | | | | | | | | | | | | | |
| 200 | 6.19 | 187.4 | 109.0 | 64.9 | 221,146 | 221,146 | 1.00 | 415,020 | 367,060 | 0.884 | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.28 | 116.2 | 79.7 | 54.1 | 100,329 | 100,329 | 1.00 | 294,203 | 246,243 | 0.837 | | | | | | | | | | | | | | |
| 160 | 13.81 | 153.8 | 95.0 | 60.0 | 163,213 | 163,213 | 1.00 | 357,087 | 309,127 | 0.866 | | | | | | | | | | | | | | | | |
| 200 | 13.43 | 191.4 | 110.3 | 65.3 | 226,391 | 226,391 | 1.00 | 420,265 | 372,305 | 0.886 | | | | | | | | | | | | | | | | |
| 18 | 1.97 | 120 | 1.80 | 111.3 | 83.9 | 57.0 | 77,177 | 77,177 | 1.00 | 166,851 | 138,575 | 0.831 | | | | | | | | | | | | | | |
| 160 | 1.73 | 144.8 | 97.9 | 62.2 | 134,838 | 134,838 | 1.00 | 224,512 | 196,236 | 0.874 | | | | | | | | | | | | | | | | |
| 200 | 1.67 | 178.0 | 112.0 | 66.8 | 193,136 | 193,136 | 1.00 | 282,810 | 254,534 | 0.900 | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.61 | 115.3 | 85.3 | 57.6 | 82,937 | 82,937 | 1.00 | 172,611 | 144,335 | 0.836 | | | | | | | | | | | | | | |
| 160 | 6.37 | 151.8 | 100.2 | 63.0 | 144,385 | 144,385 | 1.00 | 234,059 | 205,783 | 0.879 | | | | | | | | | | | | | | | | |
| 200 | 6.19 | 188.2 | 115.2 | 67.9 | 208,249 | 208,249 | 1.00 | 297,923 | 269,647 | 0.905 | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.26 | 116.8 | 85.8 | 57.7 | 85,099 | 85,099 | 1.00 | 174,773 | 146,497 | 0.838 | | | | | | | | | | | | | | |
| 160 | 13.80 | 154.4 | 101.1 | 63.3 | 147,908 | 147,908 | 1.00 | 237,582 | 209,306 | 0.881 | | | | | | | | | | | | | | | | |
| 200 | 13.43 | 192.0 | 116.4 | 68.2 | 211,033 | 211,033 | 1.00 | 300,707 | 272,431 | 0.906 | | | | | | | | | | | | | | | | |
| 4600 | -10 | 30 | -11.5 | 72.0 | 54.0 | 55.4 | 64.6 | 40.83 | 34.06 | 260,917 | 57,269 | 318,186 | 0.82 | 18 | 1.97 | 120 | 1.81 | 106.1 | 65.7 | 47.0 | 124,128 | 124,128 | 1.00 | 442,314 | 385,045 | 0.871 |
| | | | | | | | | | | | | | | 160 | 1.74 | 138.7 | 78.7 | 52.7 | 189,044 | 189,044 | 1.00 | 507,230 | 449,961 | 0.887 | | |
| | | | | | | | | | | | | | | 200 | 1.69 | 171.1 | 91.9 | 58.0 | 254,683 | 254,683 | 1.00 | 572,869 | 515,600 | 0.900 | | |
| | | | | | | | | | | | | | | 36 | 3.94 | 120 | 6.63 | 112.4 | 67.9 | 48.0 | 135,043 | 135,043 | 1.00 | 453,229 | 395,960 | 0.874 |
| | | | | | | | | | | | | | | 160 | 6.40 | 148.4 | 81.9 | 54.1 | 204,814 | 204,814 | 1.00 | 523,000 | 465,731 | 0.890 | | |
| | | | | | | | | | | | | | | 200 | 6.21 | 184.3 | 96.0 | 59.5 | 275,044 | 275,044 | 1.00 | 593,230 | 535,961 | 0.903 | | |
| | 54 | 5.91 | 120 | 14.29 | 114.8 | 68.7 | 48.4 | 139,144 | 139,144 | 1.00 | 457,330 | 400,061 | 0.875 | | | | | | | | | | | | | |
| | 160 | 13.84 | 152.1 | 83.1 | 54.6 | 210,638 | 210,638 | 1.00 | 528,824 | 471,555 | 0.892 | | | | | | | | | | | | | | | |
| | 200 | 13.46 | 189.2 | 97.5 | 60.1 | 282,475 | 282,475 | 1.00 | 600,661 | 543,392 | 0.905 | | | | | | | | | | | | | | | |
| | 18 | 1.97 | 120 | 1.81 | 108.2 | 73.9 | 51.2 | 105,510 | 105,510 | 1.00 | 322,102 | 269,913 | 0.838 | | | | | | | | | | | | | |
| | 160 | 1.74 | 140.8 | 86.9 | 56.5 | 170,232 | 170,232 | 1.00 | 386,824 | 334,635 | 0.865 | | | | | | | | | | | | | | | |
| | 200 | 1.68 | 173.2 | 100.0 | 61.4 | 235,716 | 235,716 | 1.00 | 452,308 | 400,119 | 0.885 | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.63 | 113.6 | 75.8 | 52.0 | 114,684 | 114,684 | 1.00 | 331,276 | 279,087 | 0.842 | | | | | | | | | | | | | | |
| 160 | 6.39 | 149.6 | 89.7 | 57.6 | 184,306 | 184,306 | 1.00 | 400,898 | 348,709 | 0.870 | | | | | | | | | | | | | | | | |
| 200 | 6.21 | 185.5 | 103.8 | 62.7 | 254,426 | 254,426 | 1.00 | 471,018 | 418,829 | 0.889 | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.29 | 115.6 | 76.5 | 52.3 | 118,145 | 118,145 | 1.00 | 334,737 | 282,548 | 0.844 | | | | | | | | | | | | | | |
| 160 | 13.83 | 152.8 | 90.8 | 58.0 | 189,521 | 189,521 | 1.00 | 406,113 | 353,924 | 0.871 | | | | | | | | | | | | | | | | |
| 200 | 13.46 | 190.1 | 105.2 | 63.2 | 261,274 | 261,274 | 1.00 | 477,866 | 425,677 | 0.891 | | | | | | | | | | | | | | | | |
| 18 | 1.97 | 120 | 1.80 | 110.2 | 81.7 | 55.9 | 87,857 | 87,857 | 1.00 | 187,753 | 156,982 | 0.836 | | | | | | | | | | | | | | |
| 160 | 1.73 | 142.8 | 94.7 | 60.8 | 152,406 | 152,406 | 1.00 | 252,302 | 221,531 | 0.878 | | | | | | | | | | | | | | | | |
| 200 | 1.68 | 175.3 | 107.7 | 65.3 | 217,751 | 217,751 | 1.00 | 317,647 | 286,876 | 0.903 | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.61 | 114.6 | 83.2 | 56.5 | 95,417 | 95,417 | 1.00 | 195,313 | 164,542 | 0.842 | | | | | | | | | | | | | | |
| 160 | 6.39 | 150.7 | 97.2 | 61.7 | 164,903 | 164,903 | 1.00 | 264,799 | 234,028 | 0.884 | | | | | | | | | | | | | | | | |
| 200 | 6.21 | 186.6 | 111.2 | 66.4 | 234,921 | 234,921 | 1.00 | 334,817 | 304,046 | 0.908 | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.29 | 116.3 | 83.8 | 58.7 | 98,280 | 98,280 | 1.00 | 198,176 | 167,405 | 0.845 | | | | | | | | | | | | | | |
| 160 | 13.82 | 153.6 | 98.1 | 62.0 | 169,548 | 169,548 | 1.00 | 269,444 | 238,673 | 0.886 | | | | | | | | | | | | | | | | |
| 200 | 13.45 | 190.8 | 112.5 | 66 | | | | | | | | | | | | | | | | | | | | | | |



3900 Dr. Greaves Rd.

Kansas City, MO 64030

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EVT-062

**HOT WATER COIL
TOTAL UNIT HEATING CAPACITY**

EVT-062

| EVT-062 TOTAL UNIT HEATING CAPACITY -- HOT WATER COIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|--------|------------|---------------|------------|---------------|----------|-----------------------|------------|----------------------------|---------------|--------------|-------|--------------------------------------|--------------|------------------|---------------|------------------|------------------|------------|--------------|-------------|---------|----------------------|-------------|-------|--|--|----------------------|--|--|
| WINTER APPLICATION RATINGS - ENTHALPY WHEEL | | | | | | | | | | | | | | PERFORMANCE RATINGS - HOT WATER COIL | | | | | | | | | | UNIT PERFORMANCE | | | | | | | |
| AIR VOLUME (cfm) | OA CONDITIONS | | | RA CONDITIONS | | EFFECTIVENESS | | AIR-LVG WHL / ENT HWC | | HEATING CAP-ENTHALPY WHEEL | | | S/T | FLUID DATA | | | | | LEAVING AIR DATA | | | | | COOLING CAP--HW COIL | | | | | COMBINED HEATING CAP | | |
| | DB (deg F) | RH (%) | WB (deg F) | DB (deg F) | WB (deg F) | LATENT (%) | SENS (%) | DB (deg F) | WB (deg F) | SENS (Btuh) | LATENT (Btuh) | TOTAL (Btuh) | | FR (gpm) | VEL (ft/sec) | ENT TEMP (deg F) | PR DROP (fwc) | LVG TEMP (deg F) | DB (deg F) | WB (deg F) | TOTAL (Btuh) | SENS (Btuh) | S/T | TOTAL (Btuh) | SENS (Btuh) | S/T | | | | | |
| 3400 | -10 | - | -11.5 | 72.0 | 54.0 | 72.1 | 77.6 | 52.17 | 42.13 | 231,713 | 55,401 | 287,114 | 0.81 | 18 | 1.97 | 120 | 1.80 | 109.2 | 78.4 | 54.1 | 96,690 | 96,690 | 1.00 | 383,804 | 328,403 | 0.856 | | | | | |
| | | | | | | | | | | | | | | 160 | 1.73 | 142.5 | 94.3 | 60.2 | 155,344 | 155,344 | 1.00 | 442,458 | 387,057 | 0.875 | | | | | | | |
| | | | | | | | | | | | | | | 200 | 1.67 | 175.6 | 110.4 | 65.7 | 214,610 | 214,610 | 1.00 | 501,724 | 446,323 | 0.890 | | | | | | | |
| | | | | | | | | | | | | | | 36 | 3.94 | 120 | 6.61 | 114.2 | 80.4 | 54.9 | 103,916 | 103,916 | 1.00 | 391,030 | 335,629 | 0.858 | | | | | |
| | | | | | | | | | | | | | | 160 | 6.37 | 150.6 | 97.3 | 61.3 | 166,309 | 166,309 | 1.00 | 453,423 | 398,022 | 0.878 | | | | | | | |
| | | | | | | | | | | | | | | 200 | 6.19 | 186.9 | 114.3 | 67.0 | 229,093 | 229,093 | 1.00 | 516,207 | 460,806 | 0.893 | | | | | | | |
| | 54 | 5.91 | 120 | 14.28 | 116.0 | 81.1 | 55.2 | 106,618 | 106,618 | 1.00 | 393,732 | 338,331 | 0.859 | | | | | | | | | | | | | | | | | | |
| | 160 | 5.91 | 153.6 | 98.4 | 61.7 | 170,344 | 170,344 | 1.00 | 457,458 | 402,057 | 0.879 | | | | | | | | | | | | | | | | | | | | |
| | 200 | 5.91 | 191.1 | 115.7 | 67.4 | 234,366 | 234,366 | 1.00 | 521,480 | 466,079 | 0.894 | | | | | | | | | | | | | | | | | | | | |
| | 18 | 1.97 | 120 | 1.80 | 110.4 | 83.1 | 58.3 | 85,786 | 85,786 | 1.00 | 282,590 | 232,094 | 0.821 | | | | | | | | | | | | | | | | | | |
| | 160 | 1.73 | 143.7 | 99.0 | 62.2 | 144,334 | 144,334 | 1.00 | 341,138 | 290,642 | 0.852 | | | | | | | | | | | | | | | | | | | | |
| | 200 | 1.67 | 176.8 | 115.0 | 67.5 | 203,518 | 203,518 | 1.00 | 400,322 | 349,826 | 0.874 | | | | | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.60 | 114.8 | 84.8 | 58.9 | 92,164 | 92,164 | 1.00 | 288,968 | 238,472 | 0.825 | | | | | | | | | | | | | | | | | | | |
| 160 | 6.37 | 151.3 | 101.7 | 63.1 | 154,480 | 154,480 | 1.00 | 351,284 | 300,788 | 0.856 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 6.19 | 187.6 | 118.8 | 68.6 | 217,208 | 217,208 | 1.00 | 414,012 | 363,516 | 0.878 | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.26 | 116.5 | 85.5 | 57.2 | 94,553 | 94,553 | 1.00 | 291,357 | 240,861 | 0.827 | | | | | | | | | | | | | | | | | | | |
| 160 | 13.80 | 154.0 | 102.8 | 63.5 | 158,220 | 158,220 | 1.00 | 355,024 | 304,528 | 0.858 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 13.43 | 191.5 | 120.1 | 69.0 | 222,198 | 222,198 | 1.00 | 419,002 | 368,506 | 0.879 | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1.97 | 120 | 1.79 | 111.5 | 87.5 | 58.9 | 75,582 | 75,582 | 1.00 | 166,998 | 137,228 | 0.822 | | | | | | | | | | | | | | | | | | | |
| 160 | 1.72 | 144.9 | 103.4 | 64.5 | 134,032 | 134,032 | 1.00 | 225,448 | 195,678 | 0.868 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 1.67 | 178.0 | 119.4 | 69.5 | 193,141 | 193,141 | 1.00 | 284,557 | 254,787 | 0.895 | | | | | | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.60 | 115.4 | 89.0 | 59.4 | 81,173 | 81,173 | 1.00 | 172,589 | 142,819 | 0.828 | | | | | | | | | | | | | | | | | | | |
| 160 | 6.37 | 151.9 | 105.9 | 65.3 | 143,419 | 143,419 | 1.00 | 234,835 | 205,065 | 0.873 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 6.19 | 188.2 | 122.9 | 70.6 | 206,095 | 206,095 | 1.00 | 297,511 | 267,741 | 0.900 | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.26 | 116.9 | 89.6 | 59.6 | 83,272 | 83,272 | 1.00 | 174,688 | 144,918 | 0.830 | | | | | | | | | | | | | | | | | | | |
| 160 | 13.80 | 154.5 | 106.9 | 65.6 | 146,884 | 146,884 | 1.00 | 238,300 | 208,530 | 0.875 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 13.43 | 192.0 | 124.2 | 70.9 | 210,822 | 210,822 | 1.00 | 302,238 | 272,468 | 0.902 | | | | | | | | | | | | | | | | | | | | | |
| 4800 | -10 | - | -11.5 | 72.0 | 54.0 | 64.7 | 71.8 | 46.98 | 38.57 | 302,715 | 69,978 | 372,693 | 0.81 | 18 | 1.97 | 120 | 1.81 | 105.9 | 71.2 | 50.4 | 125,866 | 125,866 | 1.00 | 498,559 | 428,581 | 0.860 | | | | | |
| | | | | | | | | | | | | | | 160 | 1.74 | 137.8 | 84.9 | 56.1 | 197,292 | 197,292 | 1.00 | 569,985 | 500,007 | 0.877 | | | | | | | |
| | | | | | | | | | | | | | | 200 | 1.69 | 169.4 | 98.8 | 61.3 | 269,625 | 269,625 | 1.00 | 642,318 | 572,340 | 0.891 | | | | | | | |
| | | | | | | | | | | | | | | 36 | 3.94 | 120 | 6.63 | 112.3 | 73.5 | 51.4 | 138,069 | 138,069 | 1.00 | 510,762 | 440,784 | 0.863 | | | | | |
| | | | | | | | | | | | | | | 160 | 6.40 | 147.8 | 88.4 | 57.4 | 215,483 | 215,483 | 1.00 | 588,176 | 518,198 | 0.881 | | | | | | | |
| | | | | | | | | | | | | | | 200 | 6.22 | 183.3 | 103.4 | 62.9 | 293,491 | 293,491 | 1.00 | 666,184 | 596,206 | 0.895 | | | | | | | |
| | 54 | 5.91 | 120 | 14.29 | 114.7 | 74.4 | 51.8 | 142,700 | 142,700 | 1.00 | 515,393 | 445,415 | 0.864 | | | | | | | | | | | | | | | | | | |
| | 160 | 13.84 | 151.6 | 89.7 | 57.9 | 222,259 | 222,259 | 1.00 | 594,952 | 524,974 | 0.882 | | | | | | | | | | | | | | | | | | | | |
| | 200 | 13.46 | 188.5 | 105.0 | 63.4 | 302,266 | 302,266 | 1.00 | 674,959 | 604,981 | 0.896 | | | | | | | | | | | | | | | | | | | | |
| | 18 | 1.97 | 120 | 1.81 | 107.7 | 77.6 | 53.5 | 109,359 | 109,359 | 1.00 | 364,097 | 300,319 | 0.825 | | | | | | | | | | | | | | | | | | |
| | 160 | 1.74 | 139.6 | 91.3 | 58.9 | 180,604 | 180,604 | 1.00 | 435,342 | 371,564 | 0.853 | | | | | | | | | | | | | | | | | | | | |
| | 200 | 1.68 | 171.3 | 105.2 | 63.8 | 252,791 | 252,791 | 1.00 | 507,529 | 443,751 | 0.874 | | | | | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.63 | 113.3 | 79.7 | 54.3 | 119,863 | 119,863 | 1.00 | 374,601 | 310,823 | 0.830 | | | | | | | | | | | | | | | | | | | |
| 160 | 6.39 | 148.9 | 94.5 | 60.0 | 197,132 | 197,132 | 1.00 | 451,870 | 388,092 | 0.859 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 6.21 | 184.3 | 109.5 | 65.2 | 275,031 | 275,031 | 1.00 | 529,769 | 465,991 | 0.880 | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.29 | 115.4 | 80.4 | 54.6 | 123,861 | 123,861 | 1.00 | 378,599 | 314,821 | 0.832 | | | | | | | | | | | | | | | | | | | |
| 160 | 13.84 | 152.3 | 95.7 | 60.5 | 203,305 | 203,305 | 1.00 | 458,043 | 394,265 | 0.861 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 13.46 | 189.2 | 111.0 | 65.7 | 283,228 | 283,228 | 1.00 | 537,966 | 474,188 | 0.881 | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1.97 | 120 | 1.80 | 109.5 | 83.7 | 57.1 | 93,808 | 93,808 | 1.00 | 211,793 | 174,192 | 0.822 | | | | | | | | | | | | | | | | | | | |
| 160 | 1.74 | 141.4 | 97.4 | 62.1 | 164,890 | 164,890 | 1.00 | 282,875 | 245,274 | 0.867 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 1.68 | 173.1 | 111.2 | 66.7 | 236,945 | 236,945 | 1.00 | 354,930 | 317,329 | 0.894 | | | | | | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.61 | 114.2 | 85.4 | 57.7 | 102,739 | 102,739 | 1.00 | 220,724 | 183,123 | 0.830 | | | | | | | | | | | | | | | | | | | |
| 160 | 6.39 | 149.8 | 100.3 | 63.1 | 179,876 | 179,876 | 1.00 | 297,861 | 260,260 | 0.874 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 6.21 | 185.3 | 115.2 | 68.0 | 257,675 | 257,675 | 1.00 | 375,660 | 338,059 | 0.900 | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.29 | 116.0 | 86.1 | 58.0 | 106,149 | 106,149 | 1.00 | 224,134 | 186,533 | 0.832 | | | | | | | | | | | | | | | | | | | |
| 160 | 13.82 | 153.0 | 101.3 | 63.5 | 185,486 | 185,486 | 1.00 | 303,471 | 265,870 | 0.876 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 13.46 | 189.9 | 116.7 | 68.4 | 265,331 | 265,331 | 1.00 | 383,316 | 345,715 | 0.902 | | | | | | | | | | | | | | | | | | | | | |
| 6200 | -10 | - | -11.5 | 72.0 | 54.0 | 57.1 | 66.0 | 41.89 | 34.86 | 359,161 | 79,698 | 438,859 | 0.82 | 18 | 1.97 | 120 | 1.83 | 102.9 | 64.6 | 46.6 | 152,992 | 152,992 | 1.00 | 591,851 | 512,153 | 0.865 | | | | | |
| | | | | | | | | | | | | | | 160 | 1.76 | 133.6 | 76.8 | 52.1 | 234,635 | 234,635 | 1.00 | 673,494 | 593,796 | 0.882 | | | | | | | |
| | | | | | | | | | | | | | | 200 | 1.71 | 164.1 | 89.1 | 57.1 | 317,461 | 317,461 | 1.00 | 756,320 | 676,622 | 0.895 | | | | | | | |
| | | | | | | | | | | | | | | 36 | 3.94 | 120 | 6.66 | 110.4 | 67.3 | 47.9 | 170,962 | 170,962 | 1.00 | 609,821 | 530,123 | 0.869 | | | | | |
| | | | | | | | | | | | | | | 160 | 6.43 | 145.3 | 80.7 | 53.7 | 261,011 | 261,011 | 1.00 | 699,870 | 620,172 | 0.886 | | | | | | | |
| | | | | | | | | | | | | | | 200 | 6.24 | 180.0 | 94.2 | 59.0 | 351,849 | 351,849 | 1.00 | 790,708 | 711,010 | 0.899 | | | | | | | |
| | 54 | 5.91 | 120 | 14.33 | 113.3 | 68.3 | 48.3 | 177,855 | 177,855 | 1.00 | 616,714 | 537,016 | 0.871 | | | | | | | | | | | | | | | | | | |
| | 160 | 13.87 | 149.8 | 82.2 | 54.3 | 270,912 | 270,912 | 1.00 | 709,771 | 630,073 | 0.888 | | | | | | | | | | | | | | | | | | | | |
| | 200 | 13.50 | 186.1 | 96.1 | 59.7 | 364,568 | 364,568 | 1.00 | 803,427 | 723,729 | 0.901 | | | | | | | | | | | | | | | | | | | | |
| | 18 | 1.97 | 120 | 1.82 | 105.4 | 72.9 | 50.9 | 130,618 | 130,618 | 1.00 | 429,602 | 356,972 | 0.831 | | | | | | | | | | | | | | | | | | |
| | 160 | 1.75 | 136.1 | 85.0 | 55.9 | 212,009 | 212,009 | 1.00 | 510,993 | 438,363 | 0.858 | | | | | | | | | | | | | | | | | | | | |
| | 200 | 1.70 | 166.6 | 97.3 | 60.5 | 294,622 | 294,622 | 1.00 | 593,606 | 520,976 | 0.878 | | | | | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.64 | 111.8 | 75.1 | 51.8 | 145,729 | 145,729 | 1.00 | 444,713 | 372,083 | 0.837 | | | | | | | | | | | | | | | | | | | |
| 160 | 6.42 | 146.7 | 88.5 | 57.2 | 235,549 | 235,549 | 1.00 | 534,533 | 461,903 | 0.864 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 6.24 | 181.4 | 102.0 | 62.2 | 326,213 | 326,213 | 1.00 | 625,197 | 552,567 | 0.884 | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.32 | 114.3 | 76.0 | 52.2 | 151,558 | 151,558 | 1.00 | 450,542 | 377,912 | 0.839 | | | | | | | | | | | | | | | | | | | |
| 160 | 13.85 | 150.8 | 89.8 | 57.7 | 244,426 | 244,426 | 1.00 | 543,410 | 470,780 | 0.866 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 13.49 | 187.1 | 103.7 | 62.8 | 337,944 | 337,944 | 1.00 | 636,928 | 564,298 | 0.886 | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1.97 | 120 | 1.81 | 107.7 | 80.7 | 55.6 | 109,402 | 109,402 | 1.00 | 247,415 | 204,595 | 0.827 | | | | | | | | | | | | | | | | | | | |
| 160 | 1.75 | 138.5 | 92.7 | 60.1 | 190,572 | 190,572 | 1.00 | 328,585 | 285,765 | 0.870 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 1.69 | 169.1 | 105.0 | 64.4 | 272,999 | 272,999 | 1.00 | 411,012 | 368,192 | 0.896 | | | | | | | | | | | | | | | | | | | | | |
| 36 | 3.94 | 120 | 6.63 | 113.2 | 82.5 | 56.3 | 121,884 | 121,884 | 1.00 | 259,897 | 217,077 | 0.835 | | | | | | | | | | | | | | | | | | | |
| 160 | 6.41 | 148.0 | 95.8 | 61.3 | 211,495 | 211,495 | 1.00 | 349,508 | 306,688 | 0.877 | | | | | | | | | | | | | | | | | | | | | |
| 200 | 6.22 | 182.8 | 109.3 | 65.8 | 302,000 | 302,000 | 1.00 | 440,013 | 397,193 | 0.903 | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5.91 | 120 | 14.29 | 115.3 | 83.2 | 56.6 | 126,719 | 126,719 | 1.00 | 264,732 | 221,912 | 0.838 | | | | | | | | | | | | | | | | | | | |
| 160 | 13.84 | 151.7 | 97.0 | 61.7 | 219,417 | | | | | | | | | | | | | | | | | | | | | | | | | | |