

AURORA® FIRE PUMPS

SELECTION TABLES 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE UL LISTED / FM APPROVED STAINLESS STEEL IMPELLERS

250 GPM, 10FEM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 184.8 | 203 | 80.0 | 87.9 | 4 | 28.7 | 25 | 1760 | 125 | 1005 | 126 |
| 203 | 215 | 87.9 | 93.1 | 4 | 32 | 30 | 1760 | 125 | 1005 | 126 |
| 215 | 225 | 93.1 | 97.4 | 5 | 28.7 | 25 | 1760 | 125 | 1066 | 126 |
| 225 | 235 | 97.4 | 101.7 | 5 | 32 | 30 | 1760 | 125 | 1066 | 126 |
| 235 | 248 | 101.7 | 107.4 | 5 | 34.5 | 30 | 1760 | 125 | 1066 | 126 |
| 248 | 258 | 107.4 | 111.7 | 5 | 38 | 40 | 1775 | 125 | 1066 | 126 |
| 258 | 266 | 111.7 | 115.2 | 5 | 40 | 40 | 1775 | 125 | 1066 | 126 |
| | | | | 6 | 34.5 | 30 | 1760 | 125 | 1128 | 126 |
| 266 | 281 | 115.2 | 121.6 | 6 | 38 | 40 | 1775 | 125 | 1128 | 126 |
| 281 | 288 | 121.6 | 124.7 | 6 | 40 | 40 | 1775 | 125 | 1128 | 126 |
| | | | | 7 | 34.5 | 1 | 1760 | 125 | 1190 | 126 |
| 288 | 305 | 124.7 | 132.0 | 6 | 44 | 40 | 1775 | 125 | 1128 | 126 |
| 305 | 312 | 132.0 | 135.1 | 6 | 46.0 | 40 | 1775 | 125 | 1128 | 126 |
| 312 | 322 | 135.1 | 139.4 | 6 | 48 | 50 | 1775 | 125 | 1128 | 126 |
| | | | | 7 | 43 | 40 | 1775 | 125 | 1190 | 126 |
| 322 | 335 | 139.4 | 145.0 | 7 | 46.0 | 40 | 1775 | 125 | 1190 | 126 |
| 335 | 345 | 145.0 | 149.4 | 7 | 48 | 50 | 1775 | 125 | 1190 | 126 |
| | | | | 8 | 44 | 40 | 1775 | 125 | 1307 | 126 |
| 345 | 355 | 149.4 | 153.7 | 7 | 51 | 50 | 1775 | 250 | 1190 | 126 |
| | | | | 8 | 46.0 | 40 | 1775 | 250 | 1307 | 126 |
| 355 | 365 | 153.7 | 158.0 | 7 | 54 | 50 | 1775 | 250 | 1190 | 126 |
| | | | | 8 | 48 | 50 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 44 | 40 | 1775 | 250 | 1376 | 133 |
| 365 | 375 | 158.0 | 162.3 | 7 | 57.5 | 50 | 1775 | 250 | 1190 | 126 |
| | | | | 8 | 51 | 50 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 46.0 | 40 | 1775 | 250 | 1376 | 133 |
| 375 | 390 | 162.3 | 168.8 | 8 | 55 | 50 | 1775 | 250 | 1307 | 126 |
| 390 | 405 | 168.8 | 175.3 | 8 | 57.5 | 50 | 1775 | 250 | 1307 | 126 |
| 405 | 415 | 175.3 | 179.7 | 8 | 61 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 55 | 50 | 1775 | 250 | 1376 | 133 |
| 415 | 425 | 179.7 | 184.0 | 8 | 64 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 57.5 | 50 | 1775 | 250 | 1376 | 133 |
| 425 | 432 | 184.0 | 187.0 | 9 | 60 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 56 | 50 | 1775 | 250 | 1438 | 133 |
| 432 | 440 | 187.0 | 190.5 | 9 | 63 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 57.5 | 50 | 1775 | 250 | 1438 | 133 |
| 440 | 458 | 190.5 | 198.3 | 9 | 66 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 60 | 60 | 1775 | 250 | 1438 | 133 |
| 458 | 470 | 198.3 | 203.5 | 9 | 69.0 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 64 | 60 | 1775 | 250 | 1438 | 133 |
| 470 | 482 | 203.5 | 208.7 | 9 | 72 | 75 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 67 | 75 | 1775 | 250 | 1438 | 133 |
| 482 | 493 | 208.7 | 213.4 | 10 | 69.0 | 60 | 1775 | 250 | 1438 | 133 |
| 493 | 510 | 213.4 | 220.8 | 10 | 74 | 75 | 1775 | 250 | 1438 | 133 |
| 510 | 536 | 220.8 | 232.0 | 10 | 79 | 75 | 1775 | 250 | 1438 | 133 |
| 536 | 559 | 232.0 | 242.0 | 10 | 84 | 75 | 1775 | 250 | 1438 | 133 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

300 GPM, 10FEM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 180.2 | 197 | 78.0 | 85.3 | 4 | 28.7 | 25 | 1760 | 125 | 1005 | 126 |
| 197 | 207 | 85.3 | 89.6 | 4 | 31 | 30 | 1760 | 125 | 1005 | 126 |
| | | | | 5 | 28 | 25 | 1760 | 125 | 1066 | 126 |
| 207 | 214 | 89.6 | 92.6 | 5 | 28.7 | 25 | 1760 | 125 | 1066 | 126 |
| 214 | 230 | 92.6 | 99.6 | 5 | 32 | 30 | 1760 | 125 | 1066 | 126 |
| 230 | 242 | 99.6 | 104.8 | 5 | 34.5 | 30 | 1760 | 125 | 1066 | 126 |
| 242 | 258 | 104.8 | 111.7 | 5 | 39.0 | 40 | 1775 | 125 | 1066 | 126 |
| | | | | 6 | 34.5 | 30 | 1760 | 125 | 1128 | 126 |
| 258 | 266 | 111.7 | 115.2 | 5 | 40 | 40 | 1775 | 125 | 1066 | 126 |
| 266 | 276 | 115.2 | 119.5 | 6 | 39 | 40 | 1775 | 125 | 1128 | 126 |
| | | | | 7 | 34.5 | 30 | 1760 | 125 | 1190 | 126 |
| 276 | 290 | 119.5 | 125.5 | 6 | 42 | 40 | 1775 | 125 | 1128 | 126 |
| 290 | 305 | 125.5 | 132.0 | 6 | 46.0 | 40 | 1775 | 125 | 1128 | 126 |
| 305 | 317 | 132.0 | 137.2 | 6 | 49 | 50 | 1775 | 125 | 1128 | 126 |
| | | | | 7 | 43 | 40 | 1775 | 125 | 1190 | 126 |
| 317 | 330 | 137.2 | 142.9 | 7 | 46.0 | 40 | 1775 | 125 | 1190 | 126 |
| 330 | 345 | 142.9 | 149.4 | 7 | 50 | 50 | 1775 | 250 | 1190 | 126 |
| | | | | 8 | 46 | 40 | 1775 | 250 | 1307 | 126 |
| 345 | 355 | 149.4 | 153.7 | 7 | 53 | 50 | 1775 | 250 | 1190 | 126 |
| | | | | 8 | 48 | 50 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 44 | 40 | 1775 | 250 | 1376 | 133 |
| 355 | 366 | 153.7 | 158.4 | 7 | 56 | 50 | 1775 | 250 | 1190 | 126 |
| | | | | 8 | 51 | 50 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 46.0 | 40 | 1775 | 250 | 1376 | 133 |
| 366 | 378 | 158.4 | 163.6 | 8 | 54 | 50 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 50 | 50 | 1775 | 250 | 1376 | 133 |
| 378 | 393 | 163.6 | 170.1 | 8 | 57.5 | 50 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 53 | 50 | 1775 | 250 | 1376 | 133 |
| 393 | 410 | 170.1 | 177.5 | 8 | 61 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 57.5 | 50 | 1775 | 250 | 1376 | 133 |
| 410 | 418 | 177.5 | 181.0 | 8 | 64 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 60 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 55 | 50 | 1775 | 250 | 1438 | 133 |
| 418 | 432 | 181.0 | 187.0 | 9 | 62 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 57.5 | 50 | 1775 | 250 | 1438 | 133 |
| 432 | 445 | 187.0 | 192.6 | 9 | 65 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 60 | 60 | 1775 | 250 | 1438 | 133 |
| 445 | 460 | 192.6 | 199.1 | 9 | 69.0 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 64 | 60 | 1775 | 250 | 1438 | 133 |
| 460 | 470 | 199.1 | 203.5 | 9 | 72 | 75 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 67 | 60 | 1775 | 250 | 1438 | 133 |
| 470 | 480 | 203.5 | 207.8 | 10 | 69.0 | 60 | 1775 | 250 | 1438 | 133 |
| 480 | 495 | 207.8 | 214.3 | 10 | 73 | 75 | 1775 | 250 | 1438 | 133 |
| 495 | 510 | 214.3 | 220.8 | 10 | 76 | 75 | 1775 | 250 | 1438 | 133 |
| 510 | 522 | 220.8 | 226.0 | 10 | 79 | 75 | 1775 | 250 | 1438 | 133 |
| 522 | 540 | 226.0 | 234.0 | 10 | 86.2 | 75 | 1775 | 250 | 1438 | 133 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE UL LISTED / FM APPROVED STAINLESS STEEL IMPELLERS

400 GPM, 10FEM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 194.0 | 200 | 84.0 | 86.6 | 5 | 28.7 | 25 | 1760 | 125 | 1066 | 126 |
| 200 | 215 | 86.6 | 93.1 | 5 | 32 | 30 | 1760 | 125 | 1066 | 126 |
| 215 | 225 | 93.1 | 97.4 | 5 | 34.5 | 30 | 1760 | 125 | 1066 | 126 |
| 225 | 235 | 97.4 | 101.7 | 5 | 37 | 40 | 1775 | 125 | 1066 | 126 |
| | | | | 6 | 34.5 | 30 | 1760 | 125 | 1128 | 126 |
| 235 | 242 | 101.7 | 104.8 | 5 | 40 | 40 | 1775 | 125 | 1066 | 126 |
| 245 | 254 | 106.1 | 110.0 | 5 | 43 | 40 | 1775 | 125 | 1066 | 126 |
| 254 | 270 | 110.0 | 116.9 | 6 | 42 | 40 | 1775 | 125 | 1128 | 126 |
| 270 | 285 | 116.9 | 123.4 | 6 | 46.0 | 40 | 1775 | 125 | 1128 | 126 |
| 285 | 302 | 123.4 | 130.7 | 6 | 51 | 50 | 1775 | 125 | 1128 | 126 |
| | | | | 7 | 46.0 | 40 | 1775 | 125 | 1190 | 126 |
| 302 | 316 | 130.7 | 136.8 | 7 | 49 | 50 | 1775 | 125 | 1190 | 126 |
| | | | | 8 | 46.0 | 40 | 1775 | 250 | 1307 | 126 |
| 316 | 330 | 136.8 | 142.9 | 7 | 53 | 50 | 1775 | 250 | 1190 | 126 |
| 330 | 340 | 142.9 | 147.2 | 7 | 55 | 50 | 1775 | 250 | 1190 | 126 |
| 340 | 355 | 147.2 | 153.7 | 7 | 57.5 | 50 | 1775 | 250 | 1190 | 126 |
| 355 | 370 | 153.7 | 160.2 | 8 | 57.5 | 50 | 1775 | 250 | 1307 | 126 |
| 370 | 385 | 160.2 | 166.7 | 8 | 61 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 57.5 | 50 | 1775 | 250 | 1376 | 133 |
| 385 | 395 | 166.7 | 171.0 | 8 | 63 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 61 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 57.5 | 50 | 1775 | 250 | 1438 | 133 |
| 395 | 405 | 171.0 | 175.3 | 8 | 66 | 60 | 1775 | 250 | 1307 | 126 |
| | | | | 9 | 63 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 60 | 60 | 1775 | 250 | 1438 | 133 |
| 405 | 425 | 175.3 | 184.0 | 9 | 67 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 64 | 60 | 1775 | 250 | 1438 | 133 |
| 425 | 435 | 184.0 | 188.3 | 9 | 69.0 | 60 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 66 | 60 | 1775 | 250 | 1438 | 133 |
| 435 | 445 | 188.3 | 192.6 | 10 | 68 | 60 | 1775 | 250 | 1438 | 133 |
| | | | | 9 | 71 | 75 | 1775 | 250 | 1376 | 133 |
| 445 | 455 | 192.6 | 197.0 | 9 | 73 | 75 | 1775 | 250 | 1376 | 133 |
| | | | | 10 | 69.0 | 60 | 1775 | 250 | 1438 | 133 |
| 455 | 468 | 197.0 | 202.6 | 10 | 75 | 75 | 1775 | 250 | 1438 | 133 |
| 468 | 481 | 202.6 | 208.2 | 10 | 77 | 75 | 1775 | 250 | 1438 | 133 |
| 481 | 492 | 208.2 | 213.0 | 10 | 79 | 75 | 1775 | 250 | 1438 | 133 |
| 492 | 518 | 213.0 | 224.0 | 10 | 84 | 75 | 1775 | 250 | 1438 | 133 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

500 GPM, 11FGM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 231 | 240 | 100.0 | 103.9 | 4 | 51 | 50 | 1775 | 125 | 1327 | 180 |
| | | | | 5 | 46 | 40 | 1775 | 125 | 1413 | 190 |
| 240 | 250 | 103.9 | 108.2 | 4 | 54 | 50 | 1775 | 125 | 1327 | 180 |
| | | | | 5 | 49 | 50 | 1775 | 125 | 1413 | 190 |
| 250 | 264 | 108.2 | 114.3 | 4 | 57 | 50 | 1775 | 125 | 1327 | 180 |
| | | | | 5 | 52 | 50 | 1775 | 125 | 1413 | 190 |
| 264 | 282 | 114.3 | 122.1 | 4 | 64 | 60 | 1775 | 125 | 1327 | 180 |
| | | | | 5 | 57 | 50 | 1775 | 125 | 1413 | 190 |
| 282 | 298 | 122.1 | 129.0 | 5 | 63 | 60 | 1775 | 125 | 1413 | 190 |
| | | | | 6 | 57 | 50 | 1775 | 125 | 1499 | 190 |
| 298 | 310 | 129.0 | 134.2 | 5 | 66 | 60 | 1775 | 125 | 1413 | 190 |
| | | | | 6 | 61 | 60 | 1775 | 125 | 1499 | 190 |
| | | | | 7 | 57 | 50 | 1775 | 125 | 1585 | 190 |
| 310 | 320 | 134.2 | 138.5 | 5 | 69 | 60 | 1775 | 125 | 1413 | 190 |
| | | | | 6 | 64 | 60 | 1775 | 125 | 1499 | 190 |
| | | | | 7 | 60 | 60 | 1775 | 125 | 1585 | 190 |
| 320 | 340 | 138.5 | 147.2 | 5 | 75 | 75 | 1775 | 250 | 1413 | 190 |
| | | | | 6 | 69 | 60 | 1775 | 125 | 1499 | 190 |
| | | | | 7 | 65 | 60 | 1775 | 125 | 1585 | 190 |
| 340 | 352 | 147.2 | 152.4 | 5 | 79 | 75 | 1775 | 250 | 1413 | 190 |
| | | | | 6 | 74 | 75 | 1775 | 250 | 1499 | 190 |
| | | | | 7 | 69 | 60 | 1775 | 250 | 1585 | 190 |
| 352 | 367 | 152.4 | 158.9 | 6 | 78 | 75 | 1775 | 250 | 1499 | 190 |
| | | | | 7 | 73 | 75 | 1775 | 250 | 1585 | 190 |
| | | | | 8 | 69 | 60 | 1775 | 250 | 1671 | 190 |
| 367 | 383 | 158.9 | 165.8 | 6 | 82 | 75 | 1775 | 250 | 1499 | 190 |
| | | | | 7 | 77 | 75 | 1775 | 250 | 1585 | 190 |
| | | | | 8 | 73 | 75 | 1775 | 250 | 1671 | 190 |
| 383 | 396 | 165.8 | 171.4 | 6 | 86 | 75 | 1775 | 250 | 1499 | 190 |
| | | | | 7 | 81 | 75 | 1775 | 250 | 1585 | 190 |
| | | | | 8 | 76 | 75 | 1775 | 250 | 1671 | 190 |
| 396 | 410 | 171.4 | 177.5 | 6 | 92 | 100 | 1780 | 250 | 1499 | 190 |
| | | | | 7 | 86 | 75 | 1775 | 250 | 1585 | 190 |
| | | | | 8 | 81 | 75 | 1775 | 250 | 1671 | 190 |
| 410 | 422 | 177.5 | 182.7 | 6 | 97 | 100 | 1780 | 250 | 1499 | 190 |
| | | | | 7 | 90 | 100 | 1780 | 250 | 1585 | 190 |
| | | | | 8 | 84 | 75 | 1775 | 250 | 1671 | 190 |
| 422 | 430 | 182.7 | 186.1 | 7 | 92 | 100 | 1780 | 250 | 1585 | 190 |
| | | | | 8 | 86 | 75 | 1775 | 250 | 1671 | 190 |
| 430 | 450 | 186.1 | 194.8 | 7 | 97 | 100 | 1780 | 250 | 1585 | 190 |
| | | | | 8 | 91 | 100 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 86 | 75 | 1775 | 250 | 1671 | 205 |
| 450 | 460 | 194.8 | 199.1 | 7 | 100 | 100 | 1780 | 250 | 1585 | 190 |
| | | | | 8 | 94 | 100 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 90 | 100 | 1780 | 250 | 1671 | 205 |
| 460 | 475 | 199.1 | 205.6 | 10 | 86 | 75 | 1775 | 250 | 1843 | 205 |
| | | | | 7 | 106 | 100 | 1780 | 250 | 1585 | 190 |
| | | | | 8 | 99 | 100 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 94 | 100 | 1780 | 250 | 1671 | 205 |
| | | | | 10 | 90 | 100 | 1780 | 250 | 1843 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

500 GPM, 11FGM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 475 | 490 | 205.6 | 212.1 | 7 | 111 | 100 | 1780 | 250 | 1585 | 190 |
| | | | | 8 | 104 | 100 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 98 | 100 | 1780 | 250 | 1671 | 205 |
| | | | | 10 | 94 | 100 | 1780 | 250 | 1843 | 205 |
| 490 | 507 | 212.1 | 219.5 | 8 | 108 | 100 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 103 | 100 | 1780 | 250 | 1671 | 205 |
| | | | | 10 | 99 | 100 | 1780 | 250 | 1843 | 205 |
| 507 | 525 | 219.5 | 227.3 | 8 | 115 | 100 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 109 | 100 | 1780 | 250 | 1757 | 205 |
| | | | | 10 | 104 | 100 | 1780 | 250 | 1843 | 205 |
| | | | | 11 | 100 | 100 | 1780 | 250 | 1929 | 205 |
| 525 | 545 | 227.3 | 235.9 | 8 | 122 | 125 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 115 | 100 | 1780 | 250 | 1757 | 205 |
| | | | | 10 | 110 | 100 | 1780 | 250 | 1843 | 205 |
| | | | | 11 | 105 | 100 | 1780 | 250 | 1929 | 205 |
| 545 | 565 | 235.9 | 244.6 | 8 | 129 | 125 | 1780 | 250 | 1671 | 190 |
| | | | | 9 | 121 | 125 | 1780 | 250 | 1757 | 205 |
| | | | | 10 | 115 | 100 | 1780 | 250 | 1843 | 205 |
| | | | | 11 | 110 | 100 | 1780 | 250 | 1929 | 205 |
| 565 | 582 | 244.6 | 251.9 | 9 | 126 | 125 | 1780 | 250 | 1757 | 205 |
| | | | | 10 | 120 | 125 | 1780 | 250 | 1843 | 205 |
| | | | | 11 | 115 | 100 | 1780 | 250 | 1929 | 205 |
| 582 | 595 | 251.9 | 257.6 | 9 | 130 | 125 | 1780 | 250 | 1757 | 205 |
| | | | | 10 | 124 | 125 | 1780 | 250 | 1843 | 205 |
| | | | | 11 | 119 | 125 | 1780 | 250 | 1929 | 205 |
| | | | | 12 | 115 | 100 | 1780 | 250 | 2015 | 205 |
| 595 | 614 | 257.6 | 265.8 | 9 | 136 | 125 | 1780 | 125 | 1757 | 205 |
| | | | | 10 | 130 | 125 | 1780 | 125 | 1843 | 205 |
| | | | | 11 | 124 | 125 | 1780 | 125 | 1929 | 205 |
| | | | | 12 | 120 | 125 | 1780 | 125 | 2015 | 205 |
| 614 | 632 | 265.8 | 273.6 | 9 | 143 | 125 | 1780 | 125 | 1757 | 205 |
| | | | | 10 | 136 | 125 | 1780 | 125 | 1843 | 205 |
| | | | | 11 | 130 | 125 | 1780 | 125 | 1929 | 205 |
| | | | | 12 | 125 | 125 | 1780 | 125 | 2015 | 205 |
| 632 | 645 | 273.6 | 279.2 | 10 | 140 | 125 | 1780 | 125 | 1843 | 205 |
| | | | | 11 | 135 | 125 | 1780 | 125 | 1929 | 205 |
| | | | | 12 | 130 | 125 | 1780 | 125 | 2015 | 205 |
| 645 | 658 | 279.2 | 284.8 | 10 | 143 | 125 | 1780 | 125 | 1843 | 205 |
| | | | | 11 | 139 | 125 | 1780 | 125 | 1929 | 205 |
| | | | | 12 | 134 | 125 | 1780 | 125 | 2015 | 205 |
| 658 | 676 | 284.8 | 292.6 | 10 | 150 | 150 | 1780 | 125 | 1843 | 205 |
| | | | | 11 | 143 | 125 | 1780 | 125 | 1929 | 205 |
| | | | | 12 | 139 | 125 | 1780 | 250 | 2015 | 205 |
| 676 | 695 | 292.6 | 300.9 | 10 | 157 | 150 | 1780 | 125 | 1843 | 205 |
| | | | | 11 | 149 | 150 | 1780 | 125 | 1929 | 205 |
| | | | | 12 | 143 | 125 | 1780 | 250 | 2015 | 205 |
| 695 | 710 | 300.9 | 307.4 | 11 | 153 | 150 | 1780 | 250 | 1929 | 205 |
| | | | | 12 | 148 | 150 | 1780 | 250 | 2015 | 205 |
| 710 | 725 | 307.4 | 313.9 | 11 | 158 | 150 | 1780 | 250 | 1929 | 205 |
| | | | | 12 | 153 | 150 | 1780 | 250 | 2015 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

500 GPM, 11FGM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 725 | 740 | 313.9 | 320.3 | 11 | 163 | 150 | 1780 | 250 | 1929 | 205 |
| | | | | 12 | 158 | 150 | 1780 | 250 | 2015 | 205 |
| 740 | 750 | 320.3 | 324.7 | 11 | 167 | 150 | 1780 | 250 | 1929 | 205 |
| | | | | 12 | 161 | 150 | 1780 | 250 | 2015 | 205 |
| 750 | 765 | 324.7 | 331.2 | 11 | 172 | 150 | 1780 | 250 | 1929 | 205 |
| | | | | 12 | 165 | 150 | 1780 | 250 | 2015 | 205 |
| 765 | 778 | 331.2 | 336.8 | 12 | 169 | 150 | 1780 | 250 | 2015 | 205 |
| 778 | 790 | 336.8 | 342.0 | 12 | 172 | 200 | 1780 | 250 | 2015 | 205 |
| 790 | 805 | 342.0 | 348.5 | 12 | 180 | 200 | 1780 | 250 | 2015 | 205 |
| 805 | 825 | 348.5 | 357.1 | 12 | 187 | 200 | 1780 | 250 | 2015 | 205 |
| 825 | 841 | 357.1 | 364.0 | 12 | 192 | 200 | 1780 | 250 | 2015 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE UL LISTED / FM APPROVED STAINLESS STEEL IMPELLERS

750 GPM, 12FCM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 231 | 238 | 100.0 | 103.0 | 3 | 75 | 75 | 1775 | 125 | 1397 | 190 |
| 238 | 245 | 103.0 | 106.1 | 3 | 79 | 75 | 1775 | 125 | 1397 | 190 |
| 245 | 252 | 106.1 | 109.1 | 3 | 82 | 75 | 1775 | 125 | 1397 | 190 |
| 252 | 265 | 109.1 | 114.7 | 3 | 86 | 75 | 1775 | 125 | 1397 | 190 |
| | | | | 4 | 77 | 75 | 1775 | 125 | 1515 | 190 |
| 265 | 272 | 114.7 | 117.7 | 3 | 90 | 100 | 1780 | 125 | 1397 | 190 |
| | | | | 4 | 80 | 75 | 1775 | 125 | 1515 | 190 |
| 272 | 280 | 117.7 | 121.2 | 3 | 98 | 100 | 1780 | 125 | 1397 | 190 |
| | | | | 4 | 83 | 75 | 1775 | 125 | 1515 | 190 |
| 280 | 287 | 121.2 | 124.2 | 4 | 86 | 75 | 1775 | 125 | 1515 | 190 |
| 287 | 295 | 124.2 | 127.7 | 4 | 90 | 100 | 1780 | 125 | 1515 | 190 |
| 295 | 304 | 127.7 | 131.6 | 4 | 95 | 100 | 1780 | 125 | 1515 | 190 |
| 304 | 313 | 131.6 | 135.5 | 4 | 100 | 100 | 1780 | 125 | 1515 | 190 |
| 313 | 322 | 135.5 | 139.4 | 4 | 104 | 100 | 1780 | 125 | 1515 | 190 |
| 322 | 331 | 139.4 | 143.3 | 4 | 108 | 100 | 1780 | 125 | 1515 | 190 |
| | | | | 5 | 96 | 100 | 1780 | 125 | 1633 | 205 |
| 331 | 340 | 143.3 | 147.2 | 4 | 112 | 100 | 1780 | 250 | 1515 | 190 |
| | | | | 5 | 100 | 100 | 1780 | 250 | 1633 | 205 |
| 340 | 350 | 147.2 | 151.5 | 4 | 115 | 100 | 1780 | 250 | 1515 | 190 |
| | | | | 5 | 105 | 100 | 1780 | 250 | 1633 | 205 |
| 350 | 360 | 151.5 | 155.8 | 4 | 120 | 125 | 1780 | 250 | 1515 | 190 |
| | | | | 5 | 110 | 100 | 1780 | 250 | 1633 | 205 |
| 360 | 372 | 155.8 | 161.0 | 4 | 134 | 125 | 1780 | 250 | 1515 | 190 |
| | | | | 5 | 115 | 100 | 1780 | 250 | 1633 | 205 |
| 372 | 382 | 161.0 | 165.4 | 5 | 120 | 125 | 1780 | 250 | 1633 | 205 |
| 382 | 392 | 165.4 | 169.7 | 5 | 125 | 125 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 115 | 100 | 1780 | 250 | 1751 | 205 |
| 392 | 402 | 169.7 | 174.0 | 5 | 130 | 125 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 119 | 125 | 1780 | 250 | 1751 | 205 |
| 402 | 412 | 174.0 | 178.4 | 5 | 135 | 125 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 124 | 125 | 1780 | 250 | 1751 | 205 |
| 412 | 422 | 178.4 | 182.7 | 5 | 139 | 125 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 127 | 125 | 1780 | 250 | 1751 | 205 |
| 422 | 435 | 182.7 | 188.3 | 5 | 143 | 125 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 132 | 125 | 1780 | 250 | 1751 | 205 |
| 435 | 443 | 188.3 | 191.8 | 5 | 147 | 150 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 136 | 125 | 1780 | 250 | 1751 | 205 |
| 443 | 452 | 191.8 | 195.7 | 5 | 150 | 150 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 140 | 125 | 1780 | 250 | 1751 | 205 |
| 452 | 459 | 195.7 | 198.7 | 5 | 157 | 125 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 143 | 125 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 133 | 125 | 1780 | 250 | 1869 | 205 |
| 459 | 466 | 198.7 | 201.7 | 5 | 167 | 150 | 1780 | 250 | 1633 | 205 |
| | | | | 6 | 147 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 137 | 125 | 1780 | 250 | 1869 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

750 GPM, 12FCM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 466 | 483 | 201.7 | 209.1 | 6 | 153 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 143 | 125 | 1780 | 250 | 1869 | 205 |
| 483 | 492 | 209.1 | 213.0 | 6 | 157 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 147 | 150 | 1780 | 250 | 1869 | 205 |
| 492 | 500 | 213.0 | 216.5 | 6 | 161 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 150 | 150 | 1780 | 250 | 1869 | 205 |
| 500 | 509 | 216.5 | 220.3 | 6 | 165 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 153 | 150 | 1780 | 250 | 1869 | 205 |
| 509 | 518 | 220.3 | 224.2 | 6 | 169 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 157 | 150 | 1780 | 250 | 1869 | 205 |
| 518 | 527 | 224.2 | 228.1 | 6 | 172 | 150 | 1780 | 250 | 1751 | 205 |
| | | | | 7 | 162 | 150 | 1780 | 250 | 1869 | 205 |
| | | | | 8 | 152 | 150 | 1780 | 250 | 1987 | 205 |
| 527 | 540 | 228.1 | 233.8 | 6 | 180 | 200 | 1775 | 250 | 1751 | 205 |
| | | | | 7 | 168 | 150 | 1780 | 250 | 1869 | 205 |
| | | | | 8 | 158 | 150 | 1780 | 250 | 1987 | 205 |
| 540 | 549 | 228.1 | 237.7 | 6 | 190 | 200 | 1775 | 250 | 1751 | 205 |
| | | | | 7 | 172 | 150 | 1780 | 250 | 1869 | 205 |
| | | | | 8 | 163 | 150 | 1780 | 250 | 1987 | 205 |
| 540 | 557 | 233.8 | 241.1 | 6 | 200 | 200 | 1775 | 250 | 1751 | 205 |
| | | | | 7 | 177 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 168 | 150 | 1780 | 250 | 1987 | 205 |
| 557 | 570 | 241.1 | 246.8 | 7 | 182 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 172 | 150 | 1780 | 250 | 1987 | 205 |
| 570 | 582 | 246.8 | 251.9 | 7 | 187 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 178 | 200 | 1775 | 250 | 1987 | 205 |
| 582 | 590 | 251.9 | 255.4 | 7 | 190 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 181 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 172 | 150 | 1780 | 250 | 2105 | 205 |
| 590 | 602 | 255.4 | 260.6 | 7 | 195 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 186 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 177 | 200 | 1775 | 250 | 2105 | 205 |
| 602 | 614 | 260.6 | 265.8 | 7 | 202 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 192 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 182 | 200 | 1775 | 250 | 2105 | 205 |
| 614 | 628 | 265.8 | 271.9 | 7 | 208 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 198 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 188 | 200 | 1775 | 250 | 2105 | 205 |
| 628 | 640 | 271.9 | 277.1 | 7 | 222 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 202 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 192 | 200 | 1775 | 250 | 2105 | 205 |
| 640 | 648 | 277.1 | 280.5 | 7 | 230 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 206 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 197 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 188 | 200 | 1775 | 250 | 2223 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

750 GPM, 12FCM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 648 | 662 | 280.5 | 286.6 | 8 | 212 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 203 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 194 | 200 | 1775 | 250 | 2223 | 205 |
| 662 | 676 | 286.6 | 292.6 | 8 | 218 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 209 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 200 | 200 | 1775 | 250 | 2223 | 205 |
| 676 | 690 | 292.6 | 298.7 | 8 | 225 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 215 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 205 | 200 | 1775 | 250 | 2223 | 205 |
| 690 | 704 | 298.7 | 304.8 | 8 | 230 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 220 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 210 | 200 | 1775 | 250 | 2223 | 205 |
| 704 | 716 | 304.8 | 310.0 | 8 | 235 | 200 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 225 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 215 | 200 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 206 | 200 | 1775 | 250 | 2341 | 205 |
| 716 | 730 | 310.0 | 316.0 | 8 | 255 | 250 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 230 | 200 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 221 | 200 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 212 | 200 | 1775 | 250 | 2341 | 205 |
| 730 | 738 | 316.0 | 319.5 | 8 | 264 | 250 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 235 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 225 | 200 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 216 | 200 | 1775 | 250 | 2341 | 205 |
| 738 | 745 | 319.5 | 322.5 | 9 | 241 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 230 | 200 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 220 | 200 | 1775 | 250 | 2341 | 205 |
| 745 | 763 | 322.5 | 330.3 | 9 | 248 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 238 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 228 | 200 | 1775 | 250 | 2341 | 205 |
| 763 | 782 | 330.3 | 338.5 | 9 | 258 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 247 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 236 | 250 | 1775 | 250 | 2341 | 205 |
| 782 | 800 | 338.5 | 346.3 | 9 | 266 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 255 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 244 | 250 | 1775 | 250 | 2341 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

750 GPM, 12FCM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 800 | 812 | 346.3 | 351.5 | 9 | 287 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 260 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 248 | 250 | 1775 | 250 | 2341 | 205 |
| 812 | 828 | 351.5 | 358.4 | 9 | 296 | 300 | 1780 | 250 | 2105 | 205 |
| | | | | 10 | 269 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 257 | 250 | 1775 | 250 | 2341 | 205 |
| 828 | 842 | 358.4 | 364.5 | 10 | 277 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 264 | 250 | 1775 | 250 | 2341 | 205 |
| 842 | 860 | 364.5 | 372.3 | 10 | 287 | 250 | 1775 | 250 | 2223 | 205 |
| | | | | 11 | 273 | 250 | 1775 | 250 | 2341 | 205 |
| 860 | 874 | 372.3 | 378.4 | 10 | 294 | 300 | 1780 | 250 | 2223 | 205 |
| | | | | 11 | 279 | 250 | 1775 | 250 | 2341 | 205 |
| 874 | 886 | 378.4 | 383.5 | 10 | 300 | 300 | 1780 | 250 | 2223 | 205 |
| | | | | 11 | 284 | 250 | 1775 | 250 | 2341 | 205 |
| 886 | 894 | 383.5 | 387.0 | 10 | 305 | 300 | 1780 | 250 | 2223 | 205 |
| | | | | 11 | 287 | 250 | 1775 | 250 | 2341 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
STAINLESS STEEL IMPELLERS

1000 GPM, 12FCM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 222 | 231 | 96.0 | 100.0 | 3 | 86.2 | 75 | 1775 | 125 | 1397 | 190 |
| 231 | 238 | 100.0 | 103.0 | 3 | 88 | 100 | 1780 | 125 | 1397 | 190 |
| 238 | 245 | 103.0 | 106.1 | 3 | 91 | 100 | 1780 | 125 | 1397 | 190 |
| 245 | 251 | 106.1 | 108.7 | 3 | 92 | 100 | 1780 | 125 | 1397 | 190 |
| 251 | 257 | 108.7 | 111.3 | 3 | 96 | 100 | 1780 | 125 | 1397 | 190 |
| 257 | 263 | 111.3 | 114.0 | 3 | 100 | 100 | 1780 | 125 | 1397 | 190 |
| 296 | 303 | 128.0 | 131.2 | 4 | 112 | 100 | 1780 | 125 | 1515 | 190 |
| 303 | 317 | 131.2 | 137.2 | 4 | 115 | 100 | 1780 | 250 | 1515 | 190 |
| 317 | 325 | 137.2 | 140.7 | 4 | 120 | 125 | 1780 | 250 | 1515 | 190 |
| 325 | 334 | 140.7 | 144.6 | 4 | 122 | 125 | 1780 | 250 | 1515 | 190 |
| 334 | 342 | 144.6 | 148.1 | 4 | 128 | 125 | 1780 | 250 | 1515 | 190 |
| 342 | 352 | 148.1 | 152.4 | 4 | 134 | 125 | 1780 | 250 | 1515 | 190 |
| 368 | 378 | 159.3 | 163.6 | 5 | 139 | 125 | 1780 | 250 | 1633 | 205 |
| 378 | 395 | 163.6 | 171.0 | 5 | 143.7 | 125 | 1780 | 250 | 1633 | 205 |
| 395 | 400 | 171.0 | 173.2 | 5 | 146 | 150 | 1780 | 250 | 1633 | 205 |
| 400 | 406 | 173.2 | 175.8 | 5 | 149 | 150 | 1780 | 250 | 1633 | 205 |
| 406 | 412 | 175.8 | 178.4 | 5 | 152 | 150 | 1780 | 250 | 1633 | 205 |
| 412 | 420 | 178.4 | 181.8 | 5 | 150 | 150 | 1780 | 250 | 1633 | 205 |
| 420 | 429 | 181.8 | 185.7 | 5 | 160 | 150 | 1780 | 250 | 1633 | 205 |
| 429 | 440 | 185.7 | 190.5 | 5 | 168 | 150 | 1780 | 250 | 1633 | 205 |
| 448 | 461 | 193.9 | 199.6 | 6 | 167 | 150 | 1780 | 250 | 1751 | 205 |
| 461 | 476 | 199.6 | 206.1 | 6 | 172.5 | 150 | 1780 | 250 | 1751 | 205 |
| 476 | 483 | 206.1 | 209.1 | 6 | 177 | 200 | 1775 | 250 | 1751 | 205 |
| 483 | 490 | 209.1 | 212.1 | 6 | 181 | 200 | 1775 | 250 | 1751 | 205 |
| 490 | 500 | 212.1 | 216.5 | 6 | 180 | 200 | 1775 | 250 | 1751 | 205 |
| 500 | 511 | 216.5 | 221.2 | 6 | 193 | 200 | 1775 | 250 | 1751 | 205 |
| 511 | 520 | 221.2 | 225.1 | 6 | 199 | 200 | 1775 | 250 | 1751 | 205 |
| | | | | 7 | 192 | 200 | 1775 | 250 | 1869 | 205 |
| 520 | 530 | 225.1 | 229.4 | 7 | 196 | 200 | 1775 | 250 | 1869 | 205 |
| 530 | 540 | 229.4 | 233.8 | 7 | 200 | 200 | 1775 | 250 | 1869 | 205 |
| 540 | 550 | 233.8 | 238.1 | 7 | 203 | 200 | 1775 | 250 | 1869 | 205 |
| 550 | 560 | 238.1 | 242.4 | 7 | 207 | 200 | 1775 | 250 | 1869 | 205 |
| 560 | 570 | 242.4 | 246.8 | 7 | 212 | 200 | 1775 | 250 | 1869 | 205 |
| 570 | 580 | 246.8 | 251.1 | 7 | 209 | 200 | 1775 | 250 | 1869 | 205 |
| 580 | 590 | 251.1 | 255.4 | 7 | 219 | 200 | 1775 | 250 | 1869 | 205 |
| 590 | 598 | 255.4 | 258.9 | 7 | 224 | 200 | 1775 | 250 | 1869 | 205 |
| 598 | 605 | 258.9 | 261.9 | 7 | 230 | 200 | 1775 | 250 | 1869 | 205 |
| | | | | 8 | 222 | 200 | 1775 | 250 | 1987 | 205 |
| 605 | 616 | 261.9 | 266.7 | 8 | 226 | 200 | 1775 | 250 | 1987 | 205 |
| 616 | 627 | 266.7 | 271.4 | 8 | 230 | 200 | 1775 | 250 | 1987 | 205 |
| 627 | 636 | 271.4 | 275.3 | 8 | 234 | 250 | 1775 | 250 | 1987 | 205 |
| 636 | 644 | 275.3 | 278.8 | 8 | 239 | 250 | 1775 | 250 | 1987 | 205 |
| 644 | 655 | 278.8 | 283.5 | 8 | 244 | 250 | 1775 | 250 | 1987 | 205 |
| 655 | 665 | 283.5 | 287.9 | 8 | 240 | 250 | 1775 | 250 | 1987 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

1000 GPM, 12FCM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 665 | 680 | 287.9 | 294.4 | 8 | 258 | 250 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 248 | 250 | 1775 | 250 | 2105 | 205 |
| 680 | 690 | 294.4 | 298.7 | 8 | 263 | 250 | 1775 | 250 | 1987 | 205 |
| | | | | 9 | 253 | 250 | 1775 | 250 | 2105 | 205 |
| 690 | 700 | 298.7 | 303.0 | 9 | 257 | 250 | 1775 | 250 | 2105 | 205 |
| 700 | 710 | 303.0 | 307.4 | 9 | 261 | 250 | 1775 | 250 | 2105 | 205 |
| 710 | 720 | 307.4 | 311.7 | 9 | 266 | 250 | 1775 | 250 | 2105 | 205 |
| 720 | 730 | 311.7 | 316.0 | 9 | 271 | 250 | 1775 | 250 | 2105 | 205 |
| 730 | 747 | 316.0 | 323.4 | 9 | 269 | 250 | 1775 | 250 | 2105 | 205 |
| 747 | 765 | 323.4 | 331.2 | 9 | 287.5 | 250 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 278 | 250 | 1775 | 250 | 2223 | 205 |
| 765 | 775 | 331.2 | 335.5 | 9 | 300 | 300 | 1775 | 250 | 2105 | 205 |
| | | | | 10 | 287.5 | 250 | 1775 | 250 | 2223 | 205 |
| 775 | 786 | 335.5 | 340.3 | 10 | 291 | 300 | 1775 | 250 | 2223 | 205 |
| 786 | 797 | 340.3 | 345.0 | 10 | 295 | 300 | 1775 | 250 | 2223 | 205 |
| 797 | 806 | 345.0 | 348.9 | 10 | 301 | 300 | 1775 | 250 | 2223 | 205 |
| 806 | 815 | 348.9 | 352.8 | 10 | 305 | 300 | 1775 | 250 | 2223 | 205 |
| 815 | 825 | 352.8 | 357.1 | 10 | 301 | 300 | 1775 | 250 | 2223 | 205 |
| 825 | 834 | 357.1 | 361.0 | 10 | 305 | 300 | 1775 | 250 | 2223 | 205 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE UL LISTED / FM APPROVED STAINLESS STEEL IMPELLERS

1250 GPM, 13FGH

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 244.9 | 255 | 106.0 | 110.4 | 4 | 125 | 125 | 1780 | 125 | 1805 | 270 |
| 255 | 265 | 110.4 | 114.7 | 4 | 132 | 125 | 1780 | 125 | 1805 | 270 |
| 265 | 275 | 114.7 | 119.0 | 4 | 138 | 125 | 1780 | 125 | 1805 | 270 |
| 275 | 283 | 119.0 | 122.5 | 4 | 143 | 125 | 1780 | 125 | 1805 | 270 |
| 283 | 293 | 122.5 | 126.8 | 4 | 148 | 150 | 1780 | 125 | 1805 | 270 |
| | | | | 5 | 143 | 125 | 1780 | 125 | 1960 | 270 |
| 293 | 302 | 126.8 | 130.7 | 4 | 152 | 150 | 1780 | 125 | 1805 | 270 |
| | | | | 5 | 147 | 150 | 1780 | 125 | 1960 | 270 |
| | | | | 6 | 143 | 125 | 1780 | 250 | 2110 | 270 |
| 302 | 314 | 130.7 | 135.9 | 4 | 158 | 150 | 1780 | 250 | 1805 | 270 |
| | | | | 5 | 154 | 150 | 1780 | 250 | 1960 | 270 |
| | | | | 6 | 150 | 150 | 1780 | 250 | 2110 | 270 |
| 314 | 325 | 135.9 | 140.7 | 5 | 161 | 150 | 1780 | 250 | 1960 | 270 |
| | | | | 6 | 157 | 150 | 1780 | 250 | 2110 | 270 |
| 325 | 336 | 140.7 | 145.5 | 5 | 168 | 150 | 1780 | 250 | 1960 | 270 |
| | | | | 6 | 164 | 150 | 1780 | 250 | 2110 | 270 |
| 336 | 345 | 145.5 | 149.4 | 5 | 172 | 150 | 1780 | 250 | 1960 | 270 |
| | | | | 6 | 168 | 150 | 1780 | 250 | 2110 | 270 |
| 345 | 356 | 149.4 | 154.1 | 5 | 177 | 200 | 1775 | 250 | 1960 | 270 |
| | | | | 6 | 172 | 150 | 1780 | 250 | 2110 | 270 |
| 356 | 364 | 154.1 | 157.6 | 5 | 181 | 200 | 1775 | 250 | 1960 | 270 |
| | | | | 6 | 176 | 200 | 1775 | 250 | 2110 | 270 |
| | | | | 7 | 172 | 150 | 1780 | 250 | 2270 | 270 |
| 364 | 375 | 157.6 | 162.3 | 5 | 187 | 200 | 1775 | 250 | 1960 | 270 |
| | | | | 6 | 183 | 200 | 1775 | 250 | 2110 | 270 |
| | | | | 7 | 179 | 200 | 1775 | 250 | 2270 | 270 |
| 375 | 390 | 162.3 | 168.8 | 5 | 195 | 200 | 1775 | 250 | 1960 | 270 |
| | | | | 6 | 192 | 200 | 1775 | 250 | 2110 | 270 |
| | | | | 7 | 188 | 200 | 1775 | 250 | 2270 | 270 |
| 390 | 401 | 168.8 | 173.6 | 6 | 199 | 200 | 1775 | 250 | 2110 | 270 |
| | | | | 7 | 193 | 200 | 1775 | 250 | 2270 | 270 |
| 401 | 412 | 173.6 | 178.4 | 6 | 204 | 200 | 1775 | 250 | 2110 | 270 |
| | | | | 7 | 198 | 200 | 1775 | 250 | 2270 | 270 |
| 412 | 424 | 178.4 | 183.5 | 6 | 208 | 200 | 1775 | 250 | 2110 | 270 |
| 424 | 436 | 183.5 | 188.7 | 6 | 216 | 200 | 1775 | 250 | 2110 | 270 |
| 436 | 448 | 188.7 | 193.9 | 6 | 223 | 200 | 1775 | 250 | 2110 | 270 |
| 448 | 460 | 193.9 | 199.1 | 6 | 230 | 200 | 1775 | 250 | 2110 | 270 |
| 460 | 475 | 199.1 | 205.6 | 6 | 236 | 250 | 1775 | 250 | 2110 | 270 |
| | | | | 8 | 230 | 200 | 1775 | 250 | 2430 | 270 |
| 475 | 485 | 205.6 | 210.0 | 7 | 240 | 250 | 1775 | 250 | 2270 | 270 |
| | | | | 8 | 235 | 250 | 1775 | 250 | 2430 | 270 |
| | | | | 9 | 230 | 200 | 1775 | 250 | 2590 | 270 |
| 485 | 498 | 210.0 | 215.6 | 7 | 245 | 250 | 1775 | 250 | 2270 | 270 |
| | | | | 9 | 239 | 250 | 1775 | 250 | 2590 | 270 |
| 498 | 512 | 215.6 | 221.6 | 7 | 251 | 250 | 1775 | 250 | 2270 | 270 |
| | | | | 9 | 246 | 250 | 1775 | 250 | 2590 | 270 |
| 512 | 526 | 221.6 | 227.7 | 7 | 257 | 250 | 1775 | 250 | 2270 | 270 |
| | | | | 9 | 253 | 250 | 1775 | 250 | 2590 | 270 |
| 526 | 538 | 227.7 | 232.9 | 7 | 264 | 250 | 1775 | 250 | 2270 | 270 |
| | | | | 9 | 259 | 250 | 1775 | 250 | 2590 | 270 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

1250 GPM, 13FGH

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 538 | 548 | 232.9 | 237.2 | 7 | 271 | 250 | 1775 | 250 | 2270 | 270 |
| | | | | 9 | 266 | 250 | 1775 | 250 | 2590 | 270 |
| 548 | 559 | 237.2 | 242.0 | 8 | 278 | 250 | 1775 | 250 | 2430 | 270 |
| | | | | 9 | 273 | 250 | 1775 | 250 | 2590 | 270 |
| 559 | 570 | 242.0 | 246.8 | 8 | 283 | 250 | 1775 | 250 | 2430 | 270 |
| | | | | 9 | 279 | 250 | 1775 | 250 | 2590 | 270 |
| | | | | 10 | 275 | 250 | 1775 | 250 | 2750 | 270 |
| 570 | 582 | 246.8 | 251.9 | 8 | 287 | 250 | 1775 | 250 | 2430 | 270 |
| | | | | 10 | 282 | 250 | 1775 | 250 | 2750 | 270 |
| 582 | 587 | 251.9 | 254.0 | 8 | 291 | 300 | 1780 | 250 | 2430 | 270 |
| | | | | 10 | 284 | 250 | 1775 | 250 | 2750 | 270 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE UL LISTED / FM APPROVED STAINLESS STEEL IMPELLERS **1500 GPM, 13FGH**

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 226 | 238 | 98.0 | 103.0 | 4 | 123 | 125 | 1780 | 125 | 1805 | 270 |
| 238 | 250 | 103.0 | 108.2 | 4 | 130 | 125 | 1780 | 125 | 1805 | 270 |
| 250 | 262 | 108.2 | 113.4 | 4 | 136 | 125 | 1780 | 125 | 1805 | 270 |
| 262 | 275 | 113.4 | 119.0 | 4 | 143 | 125 | 1780 | 125 | 1805 | 270 |
| 275 | 288 | 119.0 | 124.7 | 4 | 150 | 150 | 1780 | 125 | 1805 | 270 |
| 288 | 300 | 124.7 | 129.9 | 4 | 158 | 150 | 1780 | 125 | 1805 | 270 |
| 300 | 312 | 129.9 | 135.1 | 5 | 161 | 150 | 1780 | 250 | 1960 | 270 |
| 312 | 324 | 135.1 | 140.3 | 5 | 167 | 150 | 1780 | 250 | 1960 | 270 |
| 324 | 335 | 140.3 | 145.0 | 5 | 172 | 150 | 1780 | 250 | 1960 | 270 |
| 335 | 348 | 145.0 | 150.6 | 5 | 180 | 200 | 1775 | 250 | 1960 | 270 |
| 348 | 360 | 150.6 | 155.8 | 5 | 187 | 200 | 1775 | 250 | 1960 | 270 |
| 360 | 372 | 155.8 | 161.0 | 5 | 193 | 200 | 1775 | 250 | 1960 | 270 |
| 372 | 384 | 161.0 | 166.2 | 6 | 199 | 200 | 1775 | 250 | 2110 | 270 |
| 384 | 396 | 166.2 | 171.4 | 6 | 205 | 200 | 1775 | 250 | 2110 | 270 |
| 396 | 408 | 171.4 | 176.6 | 6 | 212 | 200 | 1775 | 250 | 2110 | 270 |
| 408 | 420 | 176.6 | 181.8 | 6 | 218 | 200 | 1775 | 250 | 2110 | 270 |
| 420 | 431 | 181.8 | 186.6 | 6 | 224 | 200 | 1775 | 250 | 2110 | 270 |
| 431 | 442 | 186.6 | 191.3 | 6 | 230 | 200 | 1775 | 250 | 2110 | 270 |
| 442 | 454 | 191.3 | 196.5 | 7 | 235 | 250 | 1775 | 250 | 2270 | 270 |
| 454 | 466 | 196.5 | 201.7 | 7 | 241 | 250 | 1775 | 250 | 2270 | 270 |
| 466 | 476 | 201.7 | 206.1 | 7 | 247 | 250 | 1775 | 250 | 2270 | 270 |
| 476 | 486 | 206.1 | 210.4 | 7 | 253 | 250 | 1775 | 250 | 2270 | 270 |
| 486 | 496 | 210.4 | 214.7 | 7 | 259 | 250 | 1775 | 250 | 2270 | 270 |
| 496 | 506 | 214.7 | 219.0 | 7 | 265 | 250 | 1775 | 250 | 2270 | 270 |
| 506 | 517 | 219.0 | 223.8 | 7 | 271 | 250 | 1775 | 250 | 2270 | 270 |
| 517 | 528 | 223.8 | 228.6 | 8 | 273 | 250 | 1775 | 250 | 2430 | 270 |
| 528 | 540 | 228.6 | 233.8 | 8 | 280 | 250 | 1775 | 250 | 2430 | 270 |
| 540 | 552 | 233.8 | 239.0 | 8 | 287 | 250 | 1775 | 250 | 2430 | 270 |
| 552 | 563 | 239.0 | 243.7 | 8 | 295 | 300 | 1780 | 250 | 2430 | 270 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS
 SELECTION TABLES
 60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
 UL LISTED / FM APPROVED
 BRONZE IMPELLERS

2000 GPM, 15FGH

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|----------------------|----------------|-----------------|----------------|------------------|-------------------|--------------------------|-----------------------|---------------------|--|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 224 | 231 | 97.0 | 100.0 | 3 | 172 | 150 | 1780 | 125 | 2420 | 355 |
| 231 | 240 | 100.0 | 103.9 | 3 | 182 | 200 | 1775 | 125 | 2420 | 355 |
| 240 | 250 | 103.9 | 108.2 | 3 | 191 | 200 | 1775 | 125 | 2420 | 355 |
| 250 | 260 | 108.2 | 112.6 | 3 | 200 | 200 | 1775 | 125 | 2420 | 355 |
| 260 | 270 | 112.6 | 116.9 | 3 | 209 | 200 | 1775 | 125 | 2420 | 355 |
| 270 | 280 | 116.9 | 121.2 | 3 | 219 | 200 | 1775 | 125 | 2420 | 355 |
| | | | | 4 | 207 | 200 | 1775 | 125 | 2620 | 355 |
| 280 | 291 | 121.2 | 126.0 | 3 | 230 | 200 | 1775 | 125 | 2420 | 355 |
| | | | | 4 | 217 | 200 | 1775 | 125 | 2620 | 355 |
| 291 | 304 | 126.0 | 131.6 | 3 | 244 | 250 | 1775 | 125 | 2420 | 355 |
| | | | | 4 | 230 | 200 | 1775 | 250 | 2620 | 355 |
| 304 | 312 | 131.6 | 135.1 | 4 | 236 | 250 | 1775 | 250 | 2620 | 355 |
| 312 | 320 | 135.1 | 138.5 | 4 | 243 | 250 | 1775 | 250 | 2620 | 355 |
| 320 | 330 | 138.5 | 142.9 | 4 | 253 | 250 | 1775 | 250 | 2620 | 355 |
| 330 | 340 | 142.9 | 147.2 | 4 | 262 | 250 | 1775 | 250 | 2620 | 355 |
| 340 | 350 | 147.2 | 151.5 | 4 | 270 | 250 | 1775 | 250 | 2620 | 355 |
| 350 | 360 | 151.5 | 155.8 | 4 | 279 | 250 | 1775 | 250 | 2620 | 355 |
| | | | | 5 | 266 | 250 | 1775 | 250 | 2820 | 355 |
| 360 | 368 | 155.8 | 159.3 | 4 | 287 | 250 | 1775 | 250 | 2620 | 355 |
| | | | | 5 | 273 | 250 | 1775 | 250 | 2820 | 355 |
| 368 | 382 | 159.3 | 165.4 | 4 | 300 | 300 | 1780 | 250 | 2620 | 355 |
| | | | | 5 | 287 | 250 | 1775 | 250 | 2820 | 355 |
| 382 | 390 | 165.4 | 168.8 | 4 | 308 | 300 | 1780 | 250 | 2620 | 355 |
| | | | | 5 | 294 | 300 | 1780 | 250 | 2820 | 355 |
| 390 | 402 | 168.8 | 174.0 | 5 | 323 | 300 | 1780 | 250 | 2820 | 355 |
| | | | | 5 | 306 | 300 | 1780 | 250 | 2820 | 355 |
| 402 | 410 | 174.0 | 177.5 | 6 | 313 | 300 | 1780 | 250 | 3020 | 355 |
| 410 | 420 | 177.5 | 181.8 | 5 | 322 | 300 | 1780 | 250 | 2820 | 355 |
| 420 | 430 | 181.8 | 186.1 | 5 | 330 | 300 | 1780 | 250 | 2820 | 355 |
| | | | | 6 | 318 | 300 | 1780 | 250 | 3020 | 355 |
| 430 | 440 | 186.1 | 190.5 | 5 | 338 | 300 | 1780 | 250 | 2820 | 355 |
| | | | | 6 | 327 | 300 | 1780 | 250 | 3020 | 355 |
| 440 | 448 | 190.5 | 193.9 | 5 | 345 | 300 | 1780 | 250 | 2820 | 355 |
| | | | | 6 | 334 | 300 | 1780 | 250 | 3020 | 355 |
| 448 | 457 | 193.9 | 198.0 | 5 | 356 | 350 | 1780 | 250 | 2820 | 355 |
| | | | | 6 | 345 | 300 | 1780 | 250 | 3020 | 355 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES
60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE
UL LISTED / FM APPROVED
BRONZE IMPELLERS

2500 GPM, 15FGH

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 238 | 250 | 103.0 | 108.2 | 3 | 218 | 200 | 1775 | 125 | 2420 | 355 |
| 250 | 257 | 108.2 | 111.3 | 3 | 224 | 200 | 1775 | 125 | 2420 | 355 |
| 257 | 264 | 111.3 | 114.3 | 3 | 230 | 200 | 1775 | 125 | 2420 | 355 |
| 264 | 272 | 114.3 | 117.7 | 3 | 240 | 250 | 1775 | 125 | 2420 | 355 |
| 272 | 280 | 117.7 | 121.2 | 3 | 250 | 250 | 1775 | 125 | 2420 | 355 |
| 280 | 288 | 121.2 | 124.7 | 3 | 260 | 250 | 1775 | 125 | 2420 | 355 |
| 288 | 296 | 124.7 | 128.1 | 3 | 270 | 250 | 1775 | 125 | 2420 | 355 |
| 296 | 305 | 128.1 | 132.0 | 3 | 282 | 250 | 1775 | 125 | 2420 | 355 |
| 317 | 324 | 137.2 | 140.3 | 4 | 287.5 | 250 | 1775 | 250 | 2620 | 355 |
| 324 | 332 | 140.3 | 143.7 | 4 | 294 | 300 | 1780 | 250 | 2620 | 355 |
| 332 | 340 | 143.7 | 147.2 | 4 | 296 | 300 | 1780 | 250 | 2620 | 355 |
| 340 | 348 | 147.2 | 150.6 | 4 | 303 | 300 | 1780 | 250 | 2620 | 355 |
| 348 | 356 | 150.6 | 154.1 | 4 | 310 | 300 | 1780 | 250 | 2620 | 355 |
| 356 | 364 | 154.1 | 157.6 | 4 | 319 | 300 | 1780 | 250 | 2620 | 355 |
| 364 | 372 | 157.6 | 161.0 | 4 | 328 | 300 | 1780 | 250 | 2620 | 355 |
| 372 | 380 | 161.0 | 164.5 | 4 | 337 | 300 | 1780 | 250 | 2620 | 355 |
| 380 | 390 | 164.5 | 168.8 | 4 | 345 | 300 | 1780 | 250 | 2620 | 355 |
| 390 | 402 | 168.8 | 174.0 | 4 | 368 | 350 | 1780 | 250 | 2620 | 355 |
| 402 | 410 | 174.0 | 177.5 | 5 | 360 | 350 | 1780 | 250 | 2820 | 355 |
| 410 | 418 | 177.5 | 181.0 | 5 | 368 | 350 | 1780 | 250 | 2820 | 355 |
| 418 | 432 | 181.0 | 187.0 | 5 | 376 | 350 | 1780 | 250 | 2820 | 355 |

*Pressure based on 1.0 specific gravity

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

3000 GPM, 19FGM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|--------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 231 [^] | | 100.0 | | 2 | 287 | 250 | 1780 | 125 | 2430 | 330 |
| 231 | 240 [^] | 100.0 | 103.9 | 2 | 300 | 300 | 1780 | 125 | 2430 | 330 |
| 240 | 246 [^] | 103.9 | 106.5 | 2 | 309 | 300 | 1780 | 125 | 2430 | 330 |
| 246 | 252 [^] | 106.5 | 109.1 | 2 | 317 | 300 | 1780 | 125 | 2430 | 330 |
| 252 | 258 [^] | 109.1 | 111.7 | 2 | 326 | 300 | 1780 | 125 | 2430 | 330 |
| 258 | 264 | 111.7 | 114.3 | 2 | 335 | 300 | 1780 | 125 | 2430 | 330 |
| 264 | 271 | 114.3 | 117.3 | 2 | 345 | 300 | 1780 | 125 | 2430 | 330 |
| 271 | 278 | 117.3 | 120.3 | 2 | 358 | 350 | 1780 | 125 | 2430 | 330 |
| 278 | 286 | 120.3 | 123.8 | 2 | 372 | 350 | 1780 | 125 | 2430 | 330 |
| 286 | 294 | 123.8 | 127.3 | 2 | 386 | 350 | 1780 | 125 | 2430 | 330 |
| 294 | 303 | 127.3 | 131.2 | 2 | 402 | 350 | 1780 | 250 | 2430 | 330 |
| | | | | 3 | 363 | 350 | 1780 | 250 | 2795 | 345 |
| 303 | 312 | 131.2 | 135.1 | 3 | 375 | 350 | 1780 | 250 | 2795 | 345 |
| 312 | 320 | 135.1 | 138.5 | 3 | 387 | 350 | 1780 | 250 | 2795 | 345 |
| 320 | 326 | 138.5 | 141.1 | 3 | 395 | 350 | 1780 | 250 | 2795 | 345 |
| 326 | 331 | 141.1 | 143.3 | 3 | 402 | 350 | 1780 | 250 | 2795 | 345 |
| 331 | 336 | 143.3 | 145.5 | 3 | 409 | 400 | 1780 | 250 | 2795 | 345 |
| 336 | 340 | 145.5 | 147.2 | 3 | 415 | 400 | 1780 | 250 | 2795 | 345 |
| 340 | 345 | 147.2 | 149.4 | 3 | 422 | 400 | 1780 | 250 | 2795 | 345 |
| 345 | 350 | 149.4 | 151.5 | 3 | 430 | 400 | 1780 | 250 | 2795 | 345 |
| 350 | 355 | 151.5 | 153.7 | 3 | 438 | 400 | 1780 | 250 | 2795 | 345 |
| 355 | 360 | 153.7 | 155.8 | 3 | 446 | 400 | 1780 | 250 | 2795 | 345 |
| 360 | 365 | 155.8 | 158.0 | 3 | 453 | 400 | 1780 | 250 | 2795 | 345 |
| 365 | 370 | 158.0 | 160.2 | 3 | 460 | 450 | 1780 | 250 | 2795 | 345 |
| 370 | 375 | 160.2 | 162.3 | 3 | 468 | 450 | 1780 | 250 | 2795 | 345 |
| 375 | 380 | 162.3 | 164.5 | 3 | 476 | 450 | 1780 | 250 | 2795 | 345 |
| 380 | 385 | 164.5 | 166.7 | 3 | 484 | 450 | 1780 | 250 | 2795 | 345 |
| 385 | 390 | 166.7 | 168.8 | 3 | 492 | 450 | 1780 | 250 | 2795 | 345 |
| 390 | 395 | 168.8 | 171.0 | 3 | 500 | 450 | 1780 | 250 | 2795 | 345 |
| 395 | 400 | 171.0 | 173.2 | 3 | 507 | 450 | 1780 | 250 | 2795 | 345 |
| 400 | 406 | 173.2 | 175.8 | 3 | 517 | 450 | 1780 | 250 | 2795 | 345 |
| 406 | 410 | 175.8 | 177.5 | 3 | 523 | 500 | 1780 | 250 | 2795 | 345 |
| 410 | 415 | 177.5 | 179.7 | 3 | 531 | 500 | 1780 | 250 | 2795 | 345 |
| 415 | 420 | 179.7 | 181.8 | 3 | 539 | 500 | 1780 | 250 | 2795 | 345 |
| 420 | 425 [^] | 181.8 | 184.0 | 3 | 547 | 500 | 1780 | 250 | 2795 | 345 |
| 425 | 430 [^] | 184.0 | 186.1 | 3 | 555 | 500 | 1780 | 250 | 2795 | 345 |
| 430 | 436.5 [^] | 186.1 | 189.0 | 3 | 564 | 500 | 1780 | 250 | 2795 | 345 |

*Pressure based on 1.0 specific gravity

*FM-Approved only

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

3500 GPM, 19FGM

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 219.4 | 221^ | 95.0 | 95.7 | 2 | 287 | 250 | 1780 | 125 | 2430 | 330 |
| 221 | 228^ | 95.7 | 98.7 | 2 | 299 | 300 | 1780 | 125 | 2430 | 330 |
| 228 | 235^ | 98.7 | 101.7 | 2 | 311 | 300 | 1780 | 125 | 2430 | 330 |
| 235 | 240^ | 101.7 | 103.9 | 2 | 320 | 300 | 1780 | 125 | 2430 | 330 |
| 240 | 245^ | 103.9 | 106.1 | 2 | 328 | 300 | 1780 | 125 | 2430 | 330 |
| 245 | 250 | 106.1 | 108.2 | 2 | 337 | 300 | 1780 | 125 | 2430 | 330 |
| 250 | 255 | 108.2 | 110.4 | 2 | 345 | 300 | 1780 | 125 | 2430 | 330 |
| 255 | 263 | 110.4 | 113.9 | 2 | 358 | 350 | 1780 | 125 | 2430 | 330 |
| 263 | 270 | 113.9 | 116.9 | 2 | 371 | 350 | 1780 | 125 | 2430 | 330 |
| 270 | 275 | 116.9 | 119.0 | 2 | 380 | 350 | 1780 | 125 | 2430 | 330 |
| 275 | 280 | 119.0 | 121.2 | 2 | 388 | 350 | 1780 | 125 | 2430 | 330 |
| 280 | 288 | 121.2 | 124.7 | 2 | 402 | 350 | 1780 | 125 | 2430 | 330 |
| 288 | 293 | 124.7 | 126.8 | 2 | 410 | 400 | 1780 | 250 | 2430 | 330 |
| 293 | 298 | 126.8 | 129.0 | 2 | 419 | 400 | 1780 | 250 | 2430 | 330 |
| 298 | 302.6 | 129.0 | 131.0 | 2 | 427 | 400 | 1780 | 250 | 2430 | 330 |
| 339.6 | 345 | 147.0 | 149.4 | 3 | 451 | 400 | 1780 | 250 | 2795 | 345 |
| 345 | 350 | 149.4 | 151.5 | 3 | 460 | 400 | 1780 | 250 | 2795 | 345 |
| 350 | 357 | 151.5 | 154.5 | 3 | 470 | 450 | 1780 | 250 | 2795 | 345 |
| 357 | 363 | 154.5 | 157.1 | 3 | 480 | 450 | 1780 | 250 | 2795 | 345 |
| 363 | 370 | 157.1 | 160.2 | 3 | 490 | 450 | 1780 | 250 | 2795 | 345 |
| 370 | 377 | 160.2 | 163.2 | 3 | 502 | 450 | 1780 | 250 | 2795 | 345 |
| 377 | 381 | 163.2 | 164.9 | 3 | 508 | 500 | 1780 | 250 | 2795 | 345 |
| 381 | 385 | 164.9 | 166.7 | 3 | 514 | 450 | 1780 | 250 | 2795 | 345 |
| 385 | 390 | 166.7 | 168.8 | 3 | 522 | 450 | 1780 | 250 | 2795 | 345 |
| 390 | 395 | 168.8 | 171.0 | 3 | 529 | 500 | 1780 | 250 | 2795 | 345 |
| 395 | 399.6 | 171.0 | 173.0 | 3 | 536 | 500 | 1780 | 250 | 2795 | 345 |
| 400 | 405^ | 173.0 | 175.3 | 3 | 545 | 500 | 1780 | 250 | 2795 | 345 |
| 405 | 410^ | 175.3 | 177.5 | 3 | 553 | 500 | 1780 | 250 | 2795 | 345 |
| 410 | 415.8^ | 177.5 | 180.0 | 3 | 562 | 500 | 1780 | 250 | 2795 | 345 |

*Pressure based on 1.0 specific gravity

^FM-Approved only

AURORA® FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

4000 GPM, 19FGH

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 275 | 280 | 119.0 | 121.2 | 2 | 438 | 400 | 1780 | 125 | 2430 | 330 |
| 280 | 285 | 121.2 | 123.4 | 2 | 449 | 400 | 1780 | 125 | 2430 | 330 |
| 285 | 290 | 123.4 | 125.5 | 2 | 460 | 400 | 1780 | 125 | 2430 | 330 |
| 290 | 295 | 125.5 | 127.7 | 2 | 471 | 450 | 1780 | 250 | 2430 | 330 |
| 295 | 300 | 127.7 | 129.9 | 2 | 482 | 450 | 1780 | 250 | 2430 | 330 |
| 300 | 306 | 129.9 | 132.5 | 2 | 495 | 450 | 1780 | 250 | 2430 | 330 |
| 306 | 312 | 132.5 | 135.0 | 2 | 508 | 450 | 1780 | 250 | 2430 | 330 |
| 358 | 364 | 155.0 | 157.6 | 3 | 562 | 500 | 1780 | 250 | 2795 | 345 |
| 364 | 372 | 157.6 | 161.0 | 3 | 575 | 500 | 1780 | 250 | 2795 | 345 |
| 372 | 377 | 161.0 | 163.2 | 3 | 583 | 600 | 1780 | 250 | 2795 | 345 |
| 377 | 381 | 163.2 | 164.9 | 3 | 590 | 600 | 1780 | 250 | 2795 | 345 |
| 381 | 385 | 164.9 | 166.7 | 3 | 596 | 600 | 1780 | 250 | 2795 | 345 |
| 385 | 390 | 166.7 | 168.8 | 3 | 604 | 600 | 1780 | 250 | 2795 | 345 |
| 390 | 395 | 168.8 | 171.0 | 3 | 612 | 600 | 1780 | 250 | 2795 | 345 |
| 395 | 400 | 171.0 | 173.2 | 3 | 621 | 600 | 1780 | 250 | 2795 | 345 |
| 400 | 405 | 173.2 | 175.3 | 3 | 629 | 600 | 1780 | 250 | 2795 | 345 |
| 405 | 410 | 175.3 | 177.5 | 3 | 637 | 600 | 1780 | 250 | 2795 | 345 |
| 410 | 415.8 | 177.5 | 180.0 | 3 | 647 | 600 | 1780 | 250 | 2795 | 345 |
| 415.8 | 420^ | 180.0 | 181.8 | 3 | 657 | 600 | 1780 | 250 | 2795 | 345 |
| 420 | 425^ | 181.8 | 184.0 | 3 | 667 | 600 | 1780 | 250 | 2795 | 345 |
| 425 | 430^ | 184.0 | 186.1 | 3 | 677 | 600 | 1780 | 250 | 2795 | 345 |
| 430 | 436.6^ | 186.1 | 189.0 | 3 | 690 | 600 | 1780 | 250 | 2795 | 345 |

*Pressure based on 1.0 specific gravity

^FM-Approved only

AURORA FIRE PUMPS

SELECTION TABLES

60 HERTZ ELECTRIC/DIESEL VERTICAL TURBINE

UL LISTED / FM APPROVED

STAINLESS STEEL IMPELLERS

4500 GPM, 19FGH

| TOTAL HEAD (FT. H2O) | | PRESSURE (PSI)* | | NUMBER OF STAGES | MAX. BHP REQUIRED | REQUIRED MOTOR HP RATING | FULL LOAD SPEED (RPM) | FLANGE RATING (PSI) | APPROXIMATE SHIPPING WEIGHT PUMP ONLY (LBS.) | APPROXIMATE SHIPPING WEIGHT PER 5' SECTION COLUMN (LBS.) |
|-------------------------|-------------------|-----------------|-------------------|------------------------|----------------------|--------------------------------|-----------------------------|---------------------------|---|--|
| OVER | TO (INCLUSIVE) | OVER | TO (INCLUSIVE) | | | | | | | |
| 261 | 265 | 113.0 | 114.7 | 2 | 424 | 400 | 1780 | 125 | 2430 | 330 |
| 265 | 270 | 114.7 | 116.9 | 2 | 436 | 400 | 1780 | 125 | 2430 | 330 |
| 270 | 275 | 116.9 | 119.0 | 2 | 448 | 400 | 1780 | 125 | 2430 | 330 |
| 275 | 280 | 119.0 | 121.2 | 2 | 460 | 400 | 1780 | 125 | 2430 | 330 |
| 280 | 285 | 121.2 | 123.4 | 2 | 471 | 450 | 1780 | 250 | 2430 | 330 |
| 285 | 288.7 | 123.4 | 125.0 | 2 | 480 | 450 | 1780 | 250 | 2430 | 330 |
| 381.2 | 385 | 165.0 | 166.7 | 3 | 618 | 600 | 1780 | 250 | 2795 | 345 |
| 385 | 390 | 166.7 | 168.8 | 3 | 628 | 600 | 1780 | 250 | 2795 | 345 |
| 390 | 395 | 168.8 | 171.0 | 3 | 638 | 600 | 1780 | 250 | 2795 | 345 |
| 395 | 399.6 | 171.0 | 173.0 | 3 | 648 | 600 | 1780 | 250 | 2795 | 345 |
| 399.6 | 405^ | 173.0 | 175.3 | 3 | 559 | 600 | 1780 | 250 | 2795 | 345 |
| 405 | 411^ | 175.3 | 177.9 | 3 | 671 | 600 | 1780 | 250 | 2795 | 345 |
| 411 | 418^ | 177.9 | 181.0 | 3 | 685 | 600 | 1780 | 250 | 2795 | 345 |

*Pressure based on 1.0 specific gravity

^FM-Approved only