# TOWER PERFORMANCE FOR MESAN MFD

Water flow (GPM)

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wet Bulb °F | | 50 | 50 | 50 | 50 | 50 | 55 | 55 | 55 | 55 | 55 | 60 | 60 | 60 | 60 | 60 | 65 | 65 | 65 | 65 | 65 | 70 | 70 | 70 | 70 | 70 | 75 | 75 | 75 | 75 | 75 | 80 | 80 | 80 | 80 | 80 | 85 | 85 | 85 | 85 | 85 | 90 | 90 | 90 | 90 | 90 | 69.8 | 78 | 80.6 | 82.4 |
| Range °F | | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 10 | 10 | 10 | 15 | 15 | 9 | 10 | 9 | 9 |
| Approach °F | | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 7 | 10 | 12 | 7 | 12 | 10.8 | 7 | 9 | 7.2 |
| Inlet Water Temperature °F | | 67 | 70 | 72 | 72 | 77 | 72 | 75 | 77 | 77 | 82 | 77 | 80 | 82 | 82 | 87 | 82 | 85 | 87 | 87 | 92 | 87 | 90 | 92 | 92 | 97 | 92 | 95 | 97 | 97 | 102 | 97 | 100 | 102 | 102 | 107 | 102 | 105 | 107 | 107 | 112 | 107 | 110 | 112 | 112 | 117 | 89.6 | 95 | 98.6 | 98.6 |
| Outlet Water Temperature °F | | 57 | 60 | 62 | 57 | 62 | 62 | 65 | 67 | 62 | 67 | 67 | 70 | 72 | 67 | 72 | 72 | 75 | 77 | 72 | 77 | 77 | 80 | 82 | 77 | 82 | 82 | 85 | 87 | 82 | 87 | 87 | 90 | 92 | 87 | 92 | 92 | 95 | 97 | 92 | 97 | 97 | 100 | 102 | 97 | 102 | 80.6 | 85 | 89.6 | 89.6 |
| MFD-L01 | 3 | 92 | 121 | 143 | 75 | 109 | 104 | 138 | 161 | 84 | 122 | 114 | 154 | 181 | 92 | 138 | 129 | 173 | 202 | 103 | 156 | 146 | 195 | 229 | 117 | 177 | 166 | 215 | 254 | 131 | 200 | 187 | 245 | 255 | 156 | 225 | 210 | 252 | 282 | 170 | 238 | 236 | 273 | 300 | 193 | 254 | 220 | 176 | 244 | 213 |
| | 4 | 100 | 131 | 154 | 81 | 118 | 113 | 149 | 174 | 90 | 132 | 123 | 166 | 196 | 100 | 150 | 140 | 187 | 218 | 111 | 168 | 157 | 211 | 247 | 127 | 191 | 179 | 232 | 275 | 142 | 216 | 203 | 265 | 276 | 168 | 244 | 227 | 272 | 305 | 183 | 257 | 256 | 295 | 324 | 209 | 274 | 237 | 190 | 263 | 230 |
| | 5.5 | 110 | 144 | 170 | 89 | 130 | 124 | 164 | 191 | 100 | 145 | 136 | 183 | 215 | 110 | 165 | 154 | 206 | 240 | 122 | 185 | 173 | 232 | 272 | 139 | 210 | 197 | 256 | NA | 156 | 238 | 223 | 292 | NA | 185 | 268 | 249 | NA | NA | 202 | 283 | 281 | NA | NA | 230 | 302 | 261 | 210 | 290 | 253 |
| MFD-L02 | 5.5 | 137 | 180 | 212 | NA | 162 | 155 | 205 | 239 | 124 | 181 | 169 | 229 | 269 | 137 | 206 | 192 | 257 | 300 | 152 | 231 | 216 | 290 | 340 | 174 | 263 | 246 | 319 | 378 | 195 | 297 | 278 | 364 | 380 | 231 | 335 | 312 | 375 | 419 | 252 | 354 | 351 | 406 | 445 | 287 | 377 | 326 | 262 | 362 | 317 |
| | 7.5 | 149 | 197 | 231 | 121 | 177 | 169 | 224 | 261 | 136 | 198 | 185 | 250 | 294 | 150 | 224 | 209 | 281 | 328 | 166 | 252 | 236 | 317 | 371 | 190 | 286 | 269 | 348 | 412 | 212 | 324 | 304 | 398 | 414 | 252 | 365 | 340 | 409 | 457 | 275 | 386 | 383 | 443 | 486 | 313 | 411 | 356 | 286 | 395 | 345 |
| | 11 | 167 | 220 | 258 | 136 | 198 | 189 | 250 | 291 | 152 | 221 | 206 | 279 | 328 | 167 | 251 | 234 | 314 | 366 | 186 | 282 | 264 | 354 | 414 | 212 | 320 | 300 | 389 | NA | 237 | 362 | 339 | NA | NA | 282 | 408 | 380 | NA | NA | 307 | 431 | 428 | NA | NA | 350 | NA | 397 | 319 | 441 | 386 |
| MFD-L03 | 7.5 | 192 | 253 | 297 | NA | 227 | 217 | 287 | 335 | 174 | 254 | 237 | 320 | 377 | 192 | 288 | 269 | 360 | 420 | 213 | 324 | 303 | 407 | 476 | 244 | 368 | 345 | 447 | 529 | 273 | 416 | 390 | 510 | 532 | 324 | 469 | 436 | 524 | 587 | 353 | 495 | 492 | 568 | 623 | 402 | 528 | 457 | 367 | 507 | 443 |
| | 11 | 212 | 279 | 328 | 172 | 251 | 240 | 317 | 369 | 192 | 280 | 262 | 354 | 416 | 212 | 318 | 297 | 398 | 464 | 236 | 357 | 335 | 449 | 526 | 269 | 406 | 381 | 494 | 583 | 301 | 459 | 430 | 563 | 587 | 358 | 518 | 482 | 579 | 648 | 390 | 546 | 543 | 627 | 688 | 444 | 583 | 504 | 405 | 559 | 489 |
| | 15 | 232 | 305 | 359 | 188 | 274 | 262 | 347 | 404 | 210 | 307 | 286 | 387 | 455 | 232 | 348 | 325 | 435 | 508 | 258 | 391 | 366 | 491 | 575 | 295 | 444 | 416 | 540 | 638 | 329 | 503 | 471 | 616 | 642 | 391 | 566 | 527 | 633 | NA | 426 | 598 | 594 | NA | NA | 486 | 638 | 552 | 443 | 612 | 535 |
| MFD-L04 | 11 | 274 | 361 | 424 | 223 | 325 | 310 | 410 | 478 | 249 | 363 | 339 | 458 | 539 | 275 | 411 | 384 | 515 | 600 | 305 | 462 | 433 | 581 | 681 | 349 | 525 | 493 | 639 | 755 | 389 | 595 | 557 | 729 | 760 | 463 | 670 | 623 | 749 | 838 | 504 | 707 | 703 | 812 | 891 | 575 | 754 | 653 | 524 | 724 | 633 |
| | 15 | 296 | 390 | 458 | 241 | 351 | 335 | 443 | 517 | 269 | 392 | 366 | 495 | 582 | 297 | 444 | 415 | 556 | 649 | 329 | 499 | 468 | 627 | 735 | 377 | 567 | 532 | 690 | 816 | 421 | 642 | 602 | 787 | 821 | 500 | 724 | 673 | 809 | 905 | 545 | 764 | 759 | 877 | 962 | 621 | 815 | 705 | 566 | 782 | 684 |
| | 18.5 | 324 | 427 | 501 | 263 | 384 | 367 | 485 | 565 | 294 | 429 | 400 | 541 | 636 | 325 | 486 | 454 | 608 | 710 | 360 | 546 | 512 | 686 | 804 | 412 | 620 | 582 | 755 | 892 | 460 | 703 | 658 | 861 | 898 | 547 | 792 | 737 | 885 | 991 | 596 | 836 | 830 | 960 | 1052 | 679 | 891 | 771 | 619 | 856 | 748 |
| | 22 | 335 | 442 | 520 | 273 | 397 | 380 | 502 | 585 | 305 | 444 | 415 | 561 | 659 | 336 | 504 | 470 | 630 | 735 | 373 | 566 | 530 | 711 | 833 | 427 | 643 | 603 | 782 | NA | 477 | 728 | 682 | NA | NA | 566 | 820 | 763 | NA | NA | 617 | 866 | 860 | NA | NA | 704 | NA | 799 | 641 | NA | 775 |