# FXT Cooling Tower Performace At Standard Conditions

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wet Bulb °F | 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 | 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 | 10.8 | 7 | 9 | 7.2 |
| Inlet Water Temperature °F | 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 | 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 |
| **Model Capacity (GPM)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FXT-0709B-H | 206 | 275 | 322 | 161 | 245 | 229 | 306 | 359 | 179 | 273 | 256 | 341 | 400 | 201 | 306 | 287 | 382 | 446 | 225 | 343 | 322 | 427 | 498 | 253 | 385 | 362 | 479 | 557 | 285 | 432 | 407 | 536 | 621 | 323 | 486 | 459 | 601 | 694 | 365 | 547 | 436 | 345 | 477 | 417 |
| FXT-0709B-G | 172 | 231 | 272 | 135 | 205 | 192 | 258 | 303 | 150 | 230 | 215 | 288 | 338 | 168 | 257 | 241 | 322 | 378 | 189 | 289 | 271 | 361 | 422 | 213 | 325 | 305 | 405 | 473 | 240 | 366 | 344 | 455 | 528 | 272 | 412 | 389 | 511 | 590 | 308 | 464 | 369 | 291 | 404 | 353 |
| FXT-0709B-J | 234 | 312 | 365 | 184 | 278 | 260 | 346 | 405 | 204 | 310 | 290 | 386 | 451 | 228 | 346 | 325 | 431 | 503 | 256 | 387 | 364 | 482 | 561 | 287 | 434 | 409 | 539 | 626 | 323 | 487 | 459 | 603 | 698 | 365 | 547 | 517 | 675 | 778 | 413 | 615 | 491 | 390 | 537 | 471 |
| FXT-0709B-K | 246 | 327 | 382 | 194 | 292 | 273 | 363 | 424 | 215 | 325 | 305 | 404 | 471 | 240 | 362 | 340 | 450 | 525 | 269 | 405 | 381 | 503 | 585 | 301 | 454 | 427 | 562 | 652 | 339 | 509 | 480 | 628 | 726 | 382 | 571 | 540 | 702 | 808 | 431 | 641 | 513 | 408 | 560 | 492 |
| FXT-0712B-J | 290 | 385 | 449 | 229 | 343 | 322 | 427 | 498 | 254 | 382 | 359 | 475 | 554 | 283 | 426 | 401 | 530 | 617 | 317 | 477 | 448 | 591 | 687 | 355 | 534 | 503 | 660 | 765 | 399 | 598 | 564 | 738 | 852 | 450 | 671 | 634 | 824 | 948 | 508 | 752 | 603 | 480 | 658 | 578 |
| FXT-0712B-H | 254 | 337 | 393 | 200 | 301 | 282 | 373 | 436 | 222 | 334 | 314 | 416 | 485 | 248 | 373 | 350 | 463 | 540 | 277 | 417 | 392 | 517 | 601 | 311 | 467 | 440 | 578 | 669 | 349 | 523 | 494 | 645 | 745 | 393 | 587 | 555 | 721 | 829 | 444 | 658 | 527 | 420 | 575 | 506 |
| FXT-0712B-K | 317 | 421 | 492 | 250 | 376 | 352 | 467 | 545 | 278 | 418 | 392 | 519 | 606 | 310 | 466 | 438 | 579 | 675 | 346 | 521 | 490 | 647 | 751 | 388 | 584 | 550 | 722 | 837 | 436 | 654 | 617 | 807 | 931 | 492 | 733 | 694 | 902 | 1037 | 555 | 823 | 659 | 525 | 719 | 632 |
| FXT-0712B-L | 348 | 462 | 539 | 274 | 412 | 386 | 512 | 598 | 305 | 459 | 430 | 570 | 665 | 340 | 512 | 481 | 635 | 740 | 380 | 572 | 538 | 709 | 824 | 426 | 641 | 603 | 792 | 918 | 479 | 718 | 677 | 885 | 1022 | 539 | 805 | 761 | 989 | 1137 | 609 | 903 | 723 | 576 | 789 | 693 |
| FXT-0712C-K | 401 | 525 | 609 | 319 | 471 | 443 | 579 | 672 | 353 | 521 | 491 | 642 | 743 | 391 | 579 | 545 | 712 | 823 | 436 | 644 | 607 | 790 | 912 | 486 | 717 | 677 | 878 | 1011 | 543 | 799 | 756 | 976 | 1120 | 609 | 892 | 845 | 1086 |  | 683 | 995 | 805 | 648 | 875 | 773 |
| FXT-0712C-J | 364 | 477 | 555 | 289 | 428 | 402 | 528 | 613 | 320 | 474 | 446 | 585 | 679 | 355 | 527 | 496 | 650 | 753 | 396 | 587 | 553 | 722 | 835 | 442 | 655 | 618 | 804 | 926 | 495 | 731 | 691 | 894 | 1027 | 555 | 816 | 773 | 996 | 1139 | 624 | 912 | 736 | 591 | 801 | 707 |
| FXT-0712C-L | 452 | 587 | 677 | 363 | 528 | 498 | 646 | 746 | 399 | 583 | 550 | 713 | 822 | 442 | 645 | 609 | 789 | 908 | 490 | 716 | 676 | 873 | 1003 | 545 | 794 | 751 | 967 | 1108 | 607 | 882 | 836 | 1071 |  | 678 | 981 | 931 |  |  | 758 | 1091 | 889 | 720 | 964 | 855 |
| FXT-0712C-M | 488 | 630 | 726 | 393 | 569 | 536 | 693 | 798 | 432 | 627 | 592 | 764 | 879 | 477 | 692 | 654 | 843 | 968 | 528 | 766 | 725 | 932 | 1068 | 586 | 849 | 804 | 1030 |  | 652 | 942 | 893 | 1139 |  | 726 | 1045 | 993 |  |  | 811 |  | 948 | 771 | 1027 | 913 |
| FXT-0506A-G | 100 | 136 | 162 | 77 | 120 | 112 | 153 | 181 | 86 | 135 | 126 | 172 | 204 | 97 | 153 | 142 | 194 | 230 | 110 | 173 | 161 | 219 | 259 | 125 | 196 | 183 | 247 | 291 | 142 | 222 | 208 | 280 | 328 | 162 | 252 | 237 | 316 | 369 | 185 | 286 | 224 | 174 | 246 | 214 |
| FXT-0506A-E | 79 | 108 | 128 | 60 | 95 | 88 | 121 | 144 | 68 | 107 | 100 | 136 | 162 | 77 | 121 | 113 | 154 | 183 | 87 | 137 | 128 | 174 | 206 | 99 | 155 | 145 | 197 | 232 | 112 | 176 | 165 | 223 | 262 | 128 | 200 | 188 | 252 | 295 | 147 | 228 | 178 | 138 | 196 | 170 |
| FXT-0506A-F | 86 | 117 | 139 | 66 | 103 | 96 | 132 | 156 | 74 | 116 | 109 | 148 | 176 | 83 | 132 | 123 | 167 | 198 | 94 | 149 | 139 | 189 | 223 | 107 | 169 | 158 | 214 | 252 | 122 | 192 | 179 | 242 | 284 | 139 | 217 | 204 | 274 | 319 | 160 | 247 | 193 | 150 | 213 | 184 |
| FXT-0506A-H | 118 | 160 | 190 | 91 | 141 | 132 | 179 | 213 | 102 | 159 | 148 | 202 | 239 | 114 | 179 | 167 | 227 | 268 | 129 | 203 | 189 | 256 | 302 | 147 | 229 | 215 | 289 | 340 | 167 | 260 | 243 | 326 | 382 | 190 | 294 | 277 | 369 | 430 | 217 | 334 | 262 | 204 | 288 | 250 |
| FXT-0706B-G | 134 | 178 | 208 | 106 | 159 | 149 | 197 | 231 | 117 | 177 | 166 | 220 | 256 | 131 | 197 | 185 | 245 | 285 | 146 | 221 | 207 | 273 | 318 | 164 | 247 | 232 | 305 | 354 | 185 | 277 | 261 | 341 | 394 | 208 | 310 | 293 | 381 | 438 | 235 | 348 | 279 | 222 | 304 | 267 |
| FXT-0706B-F | 116 | 154 | 180 | 91 | 137 | 129 | 171 | 199 | 102 | 153 | 143 | 190 | 222 | 113 | 171 | 160 | 212 | 247 | 127 | 191 | 179 | 236 | 275 | 142 | 214 | 201 | 264 | 306 | 160 | 239 | 226 | 295 | 341 | 180 | 268 | 254 | 330 | 379 | 203 | 301 | 241 | 192 | 263 | 231 |
| FXT-0706B-H | 158 | 209 | 244 | 124 | 187 | 175 | 232 | 271 | 138 | 208 | 195 | 258 | 301 | 154 | 232 | 218 | 288 | 335 | 172 | 259 | 244 | 321 | 374 | 193 | 290 | 273 | 359 | 416 | 217 | 325 | 307 | 401 | 463 | 244 | 365 | 345 | 448 | 515 | 276 | 409 | 328 | 261 | 358 | 314 |
| FXT-0706B-J | 172 | 228 | 267 | 136 | 204 | 191 | 253 | 296 | 151 | 227 | 213 | 282 | 329 | 168 | 253 | 238 | 314 | 366 | 188 | 283 | 266 | 351 | 408 | 211 | 317 | 298 | 392 | 454 | 237 | 355 | 335 | 438 | 506 | 267 | 398 | 376 | 489 |  | 301 | 447 | 358 | 285 | 391 | 343 |