



**DISCHARGE TABLE FOR WATER FLOW TEST KIT—STYLE 9015
PRESSURE—PSI FLOW—GPM**

CAUTION—BE SURE TO READ INSTRUCTIONS MANUAL BEFORE USING.

| PITOT PRESSURE PSI | TIP DIAMETER FLOW—U.S. GALLONS PER MINUTE | | | | | | | | | |
|-----------------------|--|---------|-----|--------|---------|--------|--------|---------|------|--------|
| | 3/4" | *15/16" | *1" | 1-1/8" | *1-1/4" | 1-1/2" | 1-3/4" | *1-7/8" | 2" | 2-1/4" |
| 40 | 106 | 166 | 187 | 237 | 294 | 422 | 575 | 661 | 752 | 954 |
| 42 | 109 | 170 | 192 | 243 | 301 | 432 | 589 | 677 | 770 | 978 |
| 44 | 111 | 174 | 196 | 248 | 308 | 442 | 603 | 693 | 788 | 1000 |
| 46 | 114 | 178 | 200 | 254 | 315 | 452 | 617 | 709 | 806 | 1021 |
| 48 | 116 | 181 | 205 | 259 | 322 | 462 | 630 | 724 | 824 | 1043 |
| 50 | 118 | 185 | 209 | 265 | 329 | 472 | 643 | 739 | 841 | 1065 |
| 52 | 121 | 189 | 213 | 270 | 335 | 481 | 656 | 753 | 857 | 1087 |
| 54 | 123 | 192 | 217 | 280 | 342 | 490 | 668 | 768 | 873 | 1108 |
| 56 | 125 | 196 | 221 | 285 | 348 | 499 | 680 | 782 | 889 | 1129 |
| 58 | 128 | 199 | 225 | 290 | 354 | 508 | 692 | 796 | 905 | 1149 |
| 60 | 130 | 203 | 229 | 295 | 360 | 517 | 704 | 809 | 920 | 1167 |
| 62 | 132 | 206 | 233 | 299 | 366 | 525 | 716 | 823 | 936 | 1187 |
| 64 | 134 | 209 | 237 | 304 | 372 | 533 | 727 | 836 | 951 | 1206 |
| 66 | 136 | 213 | 240 | 308 | 378 | 542 | 738 | 849 | 965 | 1224 |
| 68 | 138 | 216 | 244 | 313 | 383 | 550 | 750 | 862 | 980 | 1242 |
| 70 | 140 | 219 | 247 | 318 | 389 | 558 | 761 | 874 | 994 | 1260 |
| 72 | 142 | 222 | 251 | 322 | 394 | 566 | 771 | 886 | 1008 | 1278 |
| 74 | 144 | 225 | 254 | 326 | 400 | 574 | 782 | 899 | 1023 | 1296 |
| 76 | 146 | 228 | 258 | 330 | 405 | 582 | 792 | 911 | 1036 | 1313 |
| 78 | 148 | 231 | 261 | 335 | 410 | 589 | 803 | 923 | 1050 | 1330 |
| 80 | 150 | 234 | 264 | 339 | 416 | 596 | 813 | 934 | 1063 | 1347 |
| 82 | 152 | 237 | 268 | 343 | 421 | 604 | 823 | 946 | 1076 | 1364 |
| 84 | 154 | 240 | 271 | 345 | 426 | 611 | 833 | 957 | 1089 | 1380 |
| 86 | 155 | 243 | 274 | 347 | 431 | 618 | 843 | 969 | 1102 | 1396 |
| 88 | 157 | 245 | 277 | 351 | 436 | 626 | 853 | 980 | 1115 | 1412 |
| 90 | 159 | 248 | 280 | 355 | 441 | 633 | 862 | 991 | 1128 | 1429 |
| 92 | 161 | 251 | 283 | 359 | 446 | 640 | 872 | 1002 | 1140 | 1445 |
| 94 | 162 | 254 | 286 | 363 | 450 | 647 | 881 | 1013 | 1152 | 1460 |
| 96 | 164 | 256 | 289 | 367 | 455 | 654 | 890 | 1024 | 1164 | 1476 |
| 98 | 166 | 259 | 292 | 370 | 460 | 660 | 900 | 1034 | 1176 | 1491 |
| 100 | 168 | 262 | 295 | 374 | 465 | 667 | 909 | 1045 | 1189 | 1506 |
| 105 | 172 | 268 | 303 | 383 | 476 | 683 | 932 | 1070 | 1218 | 1542 |
| 110 | 176 | 274 | 310 | 392 | 487 | 699 | 954 | 1096 | 1247 | 1579 |
| 115 | 180 | 280 | 317 | 401 | 498 | 715 | 975 | 1120 | 1275 | 1615 |
| 120 | 183 | 286 | 324 | 410 | 509 | 730 | 996 | 1144 | 1303 | 1649 |

* Tips not part of standard unit. Only tips in standard units are U.L. Classified.

NOTE: "Accurate to ±3% at tested values in accordance with the classification scope."

PREFERRED TEST RANGE IS 50 TO 100 PSI

*Use this discharge table ONLY for the Water Flow Test Kit and the tips supplied with the kit.
Do NOT apply these values to other nozzles and pitot gauges unless their coefficient of discharge is known.*

DISCHARGE TABLE FOR WATER FLOW TEST KIT—STYLE 9015

PRESSURE—bar/kPa FLOW—LPM

CAUTION—BE SURE TO READ INSTRUCTIONS MANUAL BEFORE USING.

| PITOT PRESSURE bar/kPa | TIP DIAMETER FLOW—LITERS PER MINUTE | | | | | | | | | |
|---------------------------|--|---------|---------|--------|---------|--------|---------|----------|--------|--------|
| | 19mm | *23.8mm | *25.4mm | 28.5mm | *31.8mm | 38.1mm | 44.5 mm | *47.6 mm | 50.8mm | 57.2mm |
| 2.8/280 | 401 | 628 | 708 | 897 | 1113 | 1597 | 2177 | 2502 | 2847 | 3611 |
| 2.9/290 | 413 | 643 | 727 | 920 | 1139 | 1635 | 2230 | 2562 | 2915 | 3702 |
| 3.0/300 | 420 | 659 | 742 | 939 | 1166 | 1673 | 2283 | 2623 | 2983 | 3785 |
| 3.2/320 | 432 | 674 | 757 | 961 | 1192 | 1711 | 2336 | 2684 | 3051 | 3865 |
| 3.3/330 | 439 | 685 | 776 | 980 | 1219 | 1749 | 2385 | 2740 | 3119 | 3948 |
| 3.5/350 | 447 | 708 | 791 | 1003 | 1257 | 1787 | 2434 | 2824 | 3184 | 4031 |
| 3.6/360 | 458 | 715 | 806 | 1022 | 1268 | 1821 | 2483 | 2850 | 3244 | 4115 |
| 3.7/370 | 466 | 727 | 821 | 1041 | 1294 | 1855 | 2529 | 2907 | 3305 | 4194 |
| 3.9/390 | 473 | 742 | 837 | 1060 | 1317 | 1889 | 2574 | 2960 | 3365 | 4274 |
| 4.0/400 | 485 | 753 | 852 | 1079 | 1340 | 1923 | 2620 | 3013 | 3426 | 4349 |
| 4.2/420 | 492 | 774 | 867 | 1098 | 1374 | 1957 | 2665 | 3089 | 3483 | 4418 |
| 4.3/430 | 500 | 780 | 882 | 1117 | 1385 | 1987 | 2710 | 3115 | 3543 | 4493 |
| 4.4/440 | 507 | 791 | 897 | 1132 | 1408 | 2018 | 2752 | 3164 | 3600 | 4565 |
| 4.5/450 | 515 | 799 | 908 | 1151 | 1419 | 2052 | 2794 | 3189 | 3653 | 4633 |
| 4.7/470 | 522 | 818 | 924 | 1166 | 1450 | 2082 | 2839 | 3263 | 3710 | 4701 |
| 4.8/480 | 530 | 829 | 935 | 1185 | 1472 | 2112 | 2881 | 3308 | 3763 | 4770 |
| 5.0/500 | 538 | 840 | 950 | 1204 | 1491 | 2143 | 2919 | 3354 | 3816 | 4838 |
| 5.1/510 | 545 | 852 | 961 | 1219 | 1514 | 2173 | 2960 | 3403 | 3872 | 4906 |
| 5.3/530 | 553 | 869 | 977 | 1234 | 1542 | 2203 | 2998 | 3471 | 3922 | 4970 |
| 5.4/540 | 560 | 874 | 988 | 1249 | 1552 | 2230 | 3040 | 3494 | 3975 | 5035 |
| 5.5/550 | 568 | 886 | 999 | 1268 | 1575 | 2256 | 3078 | 3535 | 4024 | 5099 |
| 5.7/570 | 575 | 897 | 1014 | 1283 | 1593 | 2286 | 3115 | 3581 | 4073 | 5163 |
| 5.8/580 | 583 | 908 | 1026 | 1298 | 1612 | 2313 | 3153 | 3622 | 4122 | 5224 |
| 5.9/590 | 587 | 920 | 1037 | 1314 | 1631 | 2339 | 3191 | 3668 | 4172 | 5284 |
| 6.1/610 | 594 | 927 | 1049 | 1329 | 1650 | 2370 | 3229 | 3709 | 4221 | 5345 |
| 6.2/620 | 602 | 939 | 1060 | 1344 | 1669 | 2396 | 3263 | 3751 | 4270 | 5409 |
| 6.4/640 | 609 | 956 | 1071 | 1359 | 1696 | 2423 | 3301 | 3813 | 4315 | 5470 |
| 6.5/650 | 613 | 961 | 1083 | 1374 | 1703 | 2449 | 3335 | 3834 | 4361 | 5527 |
| 6.6/660 | 621 | 969 | 1094 | 1389 | 1722 | 2476 | 3369 | 3876 | 4406 | 5587 |
| 6.8/680 | 628 | 980 | 1105 | 1401 | 1741 | 2498 | 3407 | 3914 | 4452 | 5644 |
| 6.9/690 | 636 | 992 | 1117 | 1416 | 1760 | 2525 | 3441 | 3955 | 4501 | 5701 |
| 7.3/730 | 651 | 1020 | 1147 | 1450 | 1812 | 2585 | 3528 | 4075 | 4611 | 5837 |
| 7.6/760 | 666 | 1037 | 1173 | 1484 | 1843 | 2646 | 3611 | 4148 | 4720 | 5977 |
| 7.9/790 | 681 | 1060 | 1200 | 1518 | 1885 | 2707 | 3691 | 4239 | 4826 | 6113 |
| 8.3/830 | 693 | 1083 | 1226 | 1552 | 1927 | 2763 | 3770 | 4330 | 4932 | 6242 |

* Tips not part of standard unit. Only tips in standard units are U.L. Classified. NOTE: "Accurate to ±3% at tested values in accordance with the classification scope."

PREFERRED TEST RANGE IS 350 TO 690 kPa

*Use this discharge table ONLY for the Water Flow Test Kit and the tips supplied with the kit.
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ISO 9001 REGISTERED COMPANY

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