



**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.  
 Do NOT apply these values to other nozzles and pitot gauges unless their coefficient of discharge is known.*



ISO 9001 REGISTERED COMPANY

PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | [www.akronbrass.com](http://www.akronbrass.com)  
 Available in Canada through AKRON MANUFACTURING COMPANY  
 PHONE: 519.773.8431 | FAX: 519.773.3794

REVISED 08/04

WARRANTY AND DISCLAIMER: We warrant Akron Brass products for a period of five (5) years after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; damage; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

© Premier Farnell Corporation. 2000 All rights reserved. No portion of this can be reproduced without the express written consent of Premier Farnell Corporation.

**A Premier Farnell Company**