

Water Flow Rate (GPM/LPM)

a Function of Pressure (PSI/BAR) and Orifice Size (Inch/mm)

Pressure	Orifice Size (Inch/mm)																				
	<u>.003</u>	<u>.004</u>	<u>.005</u>	<u>.006</u>	<u>.007</u>	<u>.008</u>	<u>.009</u>	<u>.010</u>	<u>.011</u>	<u>.012</u>	<u>.013</u>	<u>.014</u>	<u>.015</u>	<u>.016</u>	<u>.017</u>	<u>.018</u>	<u>.019</u>	<u>.020</u>	<u>.021</u>	<u>.022</u>	<u>.023</u>
PSI	.076	.100	.127	.152	.178	.203	.229	.254	.279	.305	.330	.356	.381	.406	.432	.457	.483	.508	.533	.559	.584
BAR																					
<u>20,000</u>	.026	.047	.074	.106	.145	.189	.239	.295	.357	.425	.499	.578	.664	.755	.853	.956	1.065	1.180	1.301	1.428	1.561
1379	.098	.18	.28	.40	.55	.71	.90	1.12	1.351	1.608	1.888	2.187	2.51	2.86	3.23	3.62	4.03	4.47	4.92	5.40	5.91
<u>25,000</u>	.029	.053	.082	.119	.162	.211	.267	.330	.399	.475	.557	.646	.742	.844	.953	1.069	1.191	1.319	1.455	1.596	1.745
1724	.110	.20	.31	.45	.61	.80	1.01	1.25	1.51	1.80	2.11	2.44	2.81	3.19	3.61	4.05	4.51	4.99	5.51	6.04	6.60
<u>30,000</u>	.032	.058	.090	.130	.177	.231	.293	.361	.437	.520	.611	.708	.813	.925	1.044	1.171	1.304	1.445	1.573	1.749	1.911
2069	.121	.22	.34	.49	.67	.87	1.11	1.36	1.65	1.97	2.31	2.68	3.08	3.50	3.95	4.43	4.94	5.47	5.95	6.62	7.23
<u>35,000</u>	.035	.062	.098	.140	.191	.250	.316	.390	.472	.562	.660	.765	.878	.999	1.128	1.264	1.409	1.561	1.721	1.889	2.064
2414	.132	.23	.37	.59	.72	.95	1.20	1.48	1.79	2.13	2.50	2.90	3.32	3.78	4.27	4.78	5.33	5.91	6.51	7.15	7.81
<u>40,000</u>	.037	.067	.104	.150	.204	.267	.338	.417	.505	.601	.705	.818	.939	1.068	1.206	1.352	1.506	1.669	1.840	2.019	2.207
2759	.140	.25	.39	.57	.77	1.01	1.28	1.58	1.91	2.27	2.67	3.10	3.55	4.04	4.56	5.12	5.70	6.32	6.96	7.64	8.35
<u>45,000</u>	.039	.071	.111	.159	.217	.283	.358	.443	.535	.637	.748	.867	.996	1.133	1.279	1.434	1.597	1.70	1.951	2.142	2.341
3103	.148	.27	.42	.60	.82	1.07	1.35	1.68	2.02	2.41	2.83	3.28	3.77	4.29	4.84	5.43	6.04	6.70	7.38	8.11	8.86
<u>50,000</u>	.042	.075	.117	.168	.229	.299	.378	.466	.564	.672	.788	.914	1.049	1.194	1.348	1.511	1.684	1.866	2.057	2.258	2.467
3448	.159	.28	.44	.63	.87	1.13	1.43	1.76	2.13	2.54	2.98	3.46	3.97	4.52	5.10	5.72	6.37	7.06	7.79	8.55	9.34
<u>55,000</u>	.044	.078	.122	.176	.240	.313	.396	.489	.592	.704	.827	.959	1.101	1.252	1.414	1.585	1.766	1.957	2.157	2.368	2.588
3793	.167	.295	.46	.67	.91	1.18	1.49	1.85	2.24	2.66	3.13	3.63	4.17	4.74	5.35	5.99	6.68	7.41	8.16	8.96	9.80