LP Flow Rates and Dimensions

Fan and Straight Jet, 0°, 30° and 60° Spray Angles,

Nozzle Number	Available Spray Angle 0°	30°	60°	K Factor	GALLONS PER MINUTE @ PSI 40 PSI	60 PSI	100 PSI	250 PSI	500 PSI	Equivalent Orifice Dia. (in)	K Factor	LITERS PER MINUTE @ BAR 3 bar	4 bar	5 bar	10 bar	30 bar	Equivalent Orifice Dia. (mm)
LP0041	**0°**			**0.0065**	0.041	0.050	0.065	0.103	0.14	0.016	**0.0937**	0.162	0.187	0.209	0.296	0.513	0.4
LP0073	**0°**			**0.0116**	0.073	0.089	0.12	0.18	0.26	0.024	**0.167**	0.290	0.334	0.374	0.529	0.916	0.6
LP0090	**0°**			**0.0142**	0.090	0.11	0.14	0.23	0.32	0.028	**0.205**	0.354	0.409	0.458	0.647	1.12	0.7
LP013	**0°**			**0.0207**	0.13	0.16	0.21	0.33	0.46	0.031	**0.298**	0.517	0.597	0.667	0.943	1.63	0.8
LP023	**0°**	**30°**	**60°**	**0.0361**	0.23	0.28	0.36	0.58	0.81	0.039	**0.520**	0.901	1.04	1.16	1.65	2.85	1.0
LP033	**0°**	**30°**	**60°**	**0.0516**	0.33	0.40	0.52	0.83	1.17	0.047	**0.744**	1.29	1.49	1.66	2.35	4.07	1.2
LP043	**0°**	**30°**	**60°**	**0.0671**	0.42	0.51	0.66	1.05	1.48	0.059	**0.967**	1.68	1.93	2.16	3.06	5.30	1.5
LP08	**0°**	**30°**	**60°**	**0.127**	0.80	0.98	1.26	2.00	2.83	0.079	**1.83**	3.17	3.66	4.09	5.79	10.0	2.0
LP12	**0°**	**30°**	**60°**	**0.196**	1.24	1.52	1.96	3.10	4.38	0.098	**2.82**	4.89	5.65	6.32	8.93	15.5	2.5
LP20	**0°**	**30°**	**60°**	**0.312**	1.98	2.42	3.13	4.95	7.00	0.118	**4.50**	7.79	8.99	10.1	14.2	24.6	3.0
LP31			**60°**	**0.497**	3.14	3.85	4.96	7.85	11.1	0.157	**7.16**	12.4	14.3	16.0	22.7	39.2	4.0
LP49			**60°**	**0.775**	4.90	6.00	7.75	12.3	17.3	0.197	**11.2**	19.3	22.3	25.0	35.3	61.2	5.0
LP78			**60°**	**1.24**	7.84	9.60	12.4	19.6	27.7	0.236	**17.9**	31.0	35.7	40.0	56.5	97.9	6.0
LP99			**60°**	**1.56**	9.88	12.1	15.6	24.7	34.9	0.276	**22.5**	38.9	45.0	50.3	71.1	123	7.0
LP124			**60°**	**1.96**	12.4	15.2	19.6	31.0	43.9	0.315	**28.2**	48.9	56.5	63.2	89.3	155	8.0

Flow Rate (GPM) = K $\sqrt{PSI}$

Flow Rate (l/min) = K $\sqrt{bar}$

Standard Materials: 316 Stainless Steel