

LP

Low Profile

DESIGN FEATURES

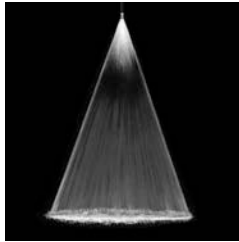
- Provides effective cleaning with low water consumption
- Interchangeable family of shower nozzles
- Self-aligning
- Orifice designed for efficient cleaning

SPRAY CHARACTERISTICS

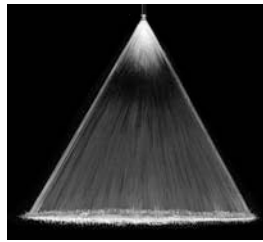
- Spray patterns:** Straight Jet and Flat Fan. Other patterns available with BETE EZ-Change system
- Spray Angles:** 0°, 30° and 60°
- Flow rates:** 0.041 to 43.9 gpm
0.162 to 155 l/min.



0° Fan



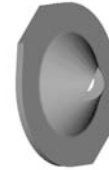
30° Fan



60° Fan



Locking nut



LP nozzle



Gasket

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					Equivalent Orifice Dia. (in)	K Factor	LITERS PER MINUTE @ BAR					Equivalent Orifice Dia. (mm)
			40 PSI	60 PSI	100 PSI	250 PSI	500 PSI			3 bar	4 bar	5 bar	10 bar	30 bar	
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

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

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

Standard Materials: 316 Stainless Steel

SPECIAL PURPOSE

TO ORDER: specify pipe size, connection type, nozzle number, spray angle, and material.