

L

Low Flow

DESIGN FEATURES

- A series of small spiral nozzles with orifice diameters of 0.04" to 0.12"
- Male connection

SPRAY CHARACTERISTICS

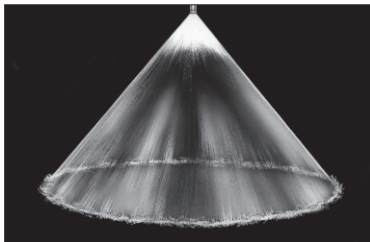
- Spray pattern:** Hollow Cone Fog, nearly as fine as P Series
- Spray angles:** 90° standard (120° available by special order)
- Flow rates:** 0.14 to 3.84 gpm



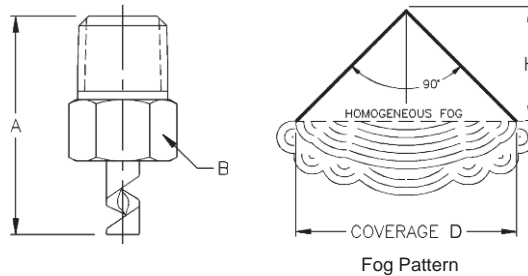
Metal



MISTING



Hollow Cone 90°



Dimensions are approximate. Check with BETE for critical dimension applications.

L Flow Rates

Hollow Cone, 90° Spray Angle, 1/8" and 1/4" Pipe Sizes, BSP or NPT

L Dimensions

BSP or NPT

Male Pipe Size	Nozzle Number	K Factor	GALLONS PER MINUTE @ PSI										Approx. Orifice Dia. (in.)	Spray Dimensions (in.)		Male Pipe Size	Dimensions (in.)		Wt. (oz.) Metal
			10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI	70 PSI	80 PSI	90 PSI	100 PSI		D	H		A	B	
1/8	L40	0.044	0.14	0.20	0.24	0.28	0.31	0.34	0.37	0.40	0.42	0.44	0.040	24	12	1/8"	1.12	0.56	0.60
	L48	0.063	0.20	0.28	0.35	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.048	27	14				
	or	L54	0.084	0.27	0.37	0.46	0.53	0.59	0.65	0.70	0.75	0.80	0.84	0.054	30				
1/4	L66	0.119	0.38	0.53	0.65	0.75	0.84	0.92	0.99	1.06	1.13	1.19	0.066	36	18	1/4"	1.31	0.56	0.75
	L80	0.171	0.54	0.76	0.94	1.08	1.21	1.32	1.43	1.53	1.62	1.71	0.080	48	24				
	L120	0.384	1.22	1.72	2.10	2.43	2.72	2.98	3.21	3.44	3.65	3.84	0.120	60	30				

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

Standard Materials: Brass, 303 Stainless Steel, 316 Stainless Steel and PTFE (L40, L48, L54 not available in PTFE).

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

CALL 413-772-0846
Call for the name of your nearest BETE representative.