

L

Low Flow

DESIGN FEATURES

- A series of small spiral nozzles with orifice diameters of 1.02mm to 3.05mm
- Male connection

SPRAY CHARACTERISTICS

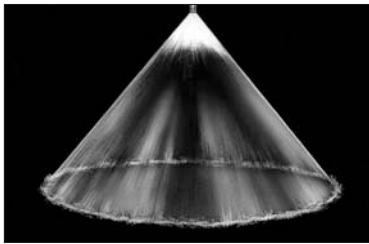
Spray pattern: Hollow Cone Fog, nearly as fine as P Series

Spray angles: 90° standard (120° available by special order)

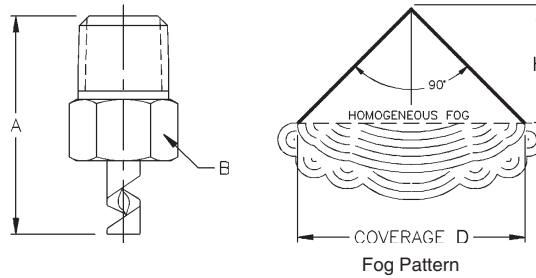
Flow rates: 0.534 to 14.7 l/min



Metal



Hollow Cone 90°



L Flow Rates

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

Male Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR								Approx. Orifice Dia. (mm)
			0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	
1/8	L40	0.638	0.534	0.638	0.781	0.902	1.11	1.28	1.43	1.69	1.02
	L48	0.912	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.41	1.22
	L54	1.21	1.01	1.21	1.48	1.71	2.09	2.42	2.70	3.20	1.37
or	L66	1.71	1.43	1.71	2.09	2.42	2.96	3.42	3.82	4.52	1.68
	L80	2.46	2.06	2.46	3.01	3.48	4.26	4.92	5.50	6.51	2.03
1/4	L120	5.54	4.63	5.54	6.78	7.83	9.59	11.1	12.4	14.7	3.05

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

L Dimensions

BSP or NPT

Male Pipe Size	Dimensions (mm)				Wt. (g) Metal
	A	B	D	H	
1/8"	28.4	14.3	610	305	17
			690	345	
1/4"	33.3	14.3	910	455	21
			1200	600	
			1500	750	

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

See chart on page 21 for complete list.

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