



# P series

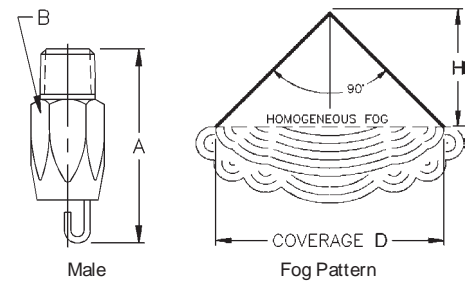
## ATOMISING Nozzles

### FEATURES

- \* One piece construction
- \* Impingement stem same diameter as orifice for complete atomisation
- \* Stem forge into body.
- \* Non clog
- \* No internal parts

### SPRAY

- \* Fine Atomisation
- \* Droplets range from 30 to 400 microns
- \* 90 degrees Full cone
- \* NPT or BSP



**Excellent for Dust Suppression, Cooling and Coating**

### P Flow rates and dimensions

Cone -Shaped Fog, 90° Spray Angle, 1/4" Pipe Size, BSP or NPT

Male Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR								Apprx. Orifice Dia.(mm)	Apprx. Coverage (mm) D	Apprx. Spray Height H (mm)	Apprx. Dim.(mm)		Wt. (g) Metal
			1 bar	2 bar	3 bar	5 bar	7 bar	10 bar	20 bar	30 bar				A	B	
1/4	P20	0.153	0.153	0.216	0.264	0.341	0.404	0.483	0.683	0.836	0.508	300	150	50.8	16.0	57
	P24	0.228	0.228	0.322	0.395	0.510	0.603	0.721	1.02	1.25	0.610	400	200			
	P28	0.296	0.296	0.419	0.513	0.662	0.784	0.937	1.32	1.62	0.711	460	230			
	P32	0.410	0.410	0.580	0.710	0.917	1.09	1.30	1.83	2.25	0.813	560	280			
	P40	0.638	0.638	0.902	1.11	1.43	1.69	2.02	2.85	3.49	1.02	610	305			
	P48	0.912	0.912	1.29	1.58	2.04	2.41	2.88	4.08	4.99	1.22	710	355			
	P54	1.21	1.21	1.71	2.09	2.70	3.20	3.82	5.40	6.62	1.37	760	380			
	P66	1.71	1.71	2.42	2.96	3.82	4.52	5.40	7.64	9.36	1.68	910	455			
	P80	2.46	2.46	3.48	4.26	5.50	6.51	7.78	11.0	13.5	2.03	1200	600			
P120	5.54	5.54	7.83	9.59	12.4	14.7	17.5	24.8	30.3	3.05	1500	750				

**Standard Materials: Brass and 316 stainless steel**