

HOLLOW CONE SPRAY NOZZLE:**HOLLOW CONE SPRAY NOZZLE**

Hollow Cone nozzle form complete spray coverage in a hollow cone shaped area.

It provides an uniform spray distribution of medium to large size drops resulting from their vane design which features large flow passage and control characteristics. This is extensively used style in industry.

CHARACTERISTICS: Internal vane design features large flow passage and fine control.

DESIGN: Removable Pattern, Square Pattern, Oval Hollow Cone

APPLICATION: Surface spraying, washing & cooling of flue gasses to remove fly ash, cooling condenser, Scrubbing, Foam Breaking.

FLOW RATE: 1 LPM to 1600 LPM

PRESSURE: Minimum 1 Kg / cm² or specified.

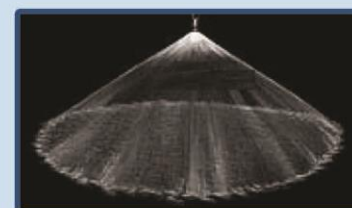
Spray Angle: 30 Degree to 120 Degree

END CONNECTION: 1/8" to 4" BSP / NPT (M/F) or ANSI - Flanged End # 150 Class

M.O.C. : S.S 202, 304, 310, 316, 316L/Brass / Carbon Steel / EN8 grades.



STANDARD HOLLOW CONE NOZZLE



SPRAY PATTERN

WL Flow Rates and Dimensions

30°, 60°, 90° and 120° Spray Angles

Male or Female Pipe Size	Nozzle Number	GALLONS PER MINUTE @ PSI										Approx. Orifice Dia. (in.)
		10 PSI	20 PSI	30 PSI	40 PSI	60 PSI	80 PSI	100 PSI	150 PSI	200 PSI	400 PSI	
3/8	WL 1	0.52	0.72	0.87	1.00	1.21	1.39	1.54	1.86	2.13	2.95	0.059
	WL 1 1/2	0.78	1.08	1.31	1.50	1.81	2.08	2.31	2.79	3.20	4.43	0.082
	WL 2	1.04	1.44	1.75	2.00	2.42	2.77	3.08	3.72	4.26	5.90	0.125
	WL 3	1.56	2.17	2.62	3.00	3.63	4.16	4.61	5.58	6.39	8.85	0.156
	WL 4	2.08	2.89	3.49	4.00	4.84	5.54	6.15	7.44	8.52	11.8	0.188
1/2	WL 5	2.61	3.61	4.37	5.00	6.05	6.93	7.69	9.31	10.6	14.8	0.203
	WL 6	3.13	4.33	5.24	6.00	7.26	8.31	9.23	11.2	12.8	17.7	0.219
	WL 7	3.65	5.05	6.11	7.00	8.47	9.70	10.8	13.0	14.9	20.7	0.228
3/4	WL 8	4.17	5.78	6.99	8.00	9.68	11.1	12.3	14.9	17.0	23.6	0.234
	WL 10	5.21	7.22	8.74	10.0	12.1	13.8	15.4	18.6	21.3	29.5	0.281
	WL 12	6.25	8.66	10.5	12.0	14.5	16.6	18.5	22.3	25.6	35.4	0.312
1	WL 15	7.82	10.8	13.1	15.0	18.1	20.8	23.1	27.9	32.0	44.3	0.328
	WL 20	10.4	14.4	17.5	20.0	24.2	27.7	30.8	37.2	42.6	59.0	0.375

SHIVAM PROCESS EQUIPMENT

Website : www.industrialspraynozzles.in/ www.shivam-educators-mixers.com