



THE
SPRAY NOZZLE
PEOPLE

WL

Low flow



FULL CONE

DESIGN FEATURES

- ✓ Advanced whirl plate design produces extremely uniform coverage
- ✓ Male and female connections
- ✓ Many different materials of construction

SPRAY CHARACTERISTICS

- ✓ Medium to coarse atomisation
- ✓ Spray pattern: Full Cone. Square pattern available
- ✓ Spray angles: 30°, 60°, 90°, and 120° standard
- ✓ Flow rates: 0.497 to 192 l/min



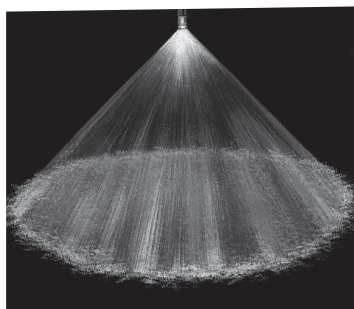
The WL nozzle is a low flow full cone nozzle with an advanced internal whirl plate giving an exceptionally even spray pattern. It is available in 4 different spray angles, 16 sizes and many different plastics and metal materials. This makes it an extremely versatile full cone nozzle used in many applications including:

Parts Washing
Deluge Cooling
Packed Media Distribution
Foam Control
Mist Eliminator Washing
And many more.

CALL NOW : +44 (0) 1273 400092

www.spray-nozzle.co.uk

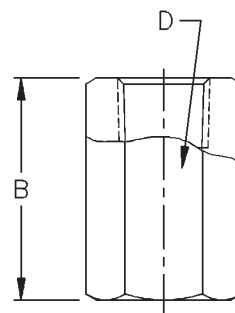
The Go-to People for spray nozzle solutions



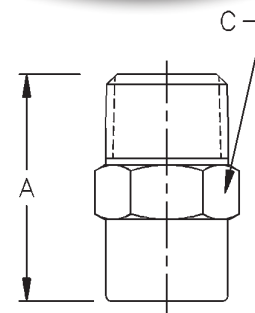
Full cone 90°



Full cone 120°



Female Metal



Male Metal

WL Flow Rates and Dimensions

Full cone, Angles 30°, 60°, 90° and 120°, BSP or NPT

Standard Materials: Brass, 316 Stainless Steel, Polypropylene, PVC and PTFE.

Size	Nozzle No	K	Flow Rate (l/min) @ bar									Dimension (mm)				Weight (g)	
			0.7 bar	1 bar	2 bar	3 bar	5 bar	10 bar	15 bar	20 bar	Ori Diam	A	B	C	D	Met	Plas.
1/8"	WL 1/4	0.58	0.49	0.58	0.81	0.98	1.25	1.73	2.1	2.4	1.09						
	WL 1/2	1.17	0.99	1.17	1.63	1.97	2.5	3.47	4.19	4.8	1.4	22.2	28.6	11.1	14.3	28.4	7.1
	WL 3/4	1.76	1.49	1.76	2.44	2.95	3.75	5.2	6.29	7.2	1.83						
1/4"	WL 1	2.35	1.99	2.35	3.25	3.94	5.01	6.93	8.39	9.6	2.08						
	WL 1 1/2	3.52	2.98	3.52	4.88	5.91	7.51	10.4	12.6	14.4	2.77	27	34.9	14.2	17.5	42.5	10.6
3/8"	WL 2	4.7	3.97	4.7	6.51	7.87	10	13.9	16.8	19.2	3.18						
	WL 3	7.05	5.96	7.05	9.76	11.8	15	20.8	25.2	28.8	3.96	31.8	38.1	17.5	22.2	56.7	14.2
	WL 4	9.4	7.95	9.4	13	15.7	20	27.7	33.6	38.4	4.78						
1/2"	WL 5	11.7	9.93	11.7	16.3	19.7	25	34.7	41.9	48	5.16						
	WL 6	14.1	11.9	14.1	19.5	23.6	30	41.6	50.3	57.6	5.56	38.1	50.8	22.2	28.6	85.1	28.4
	WL 7	16.4	13.9	16.4	22.8	27.6	35	48.5	58.7	67.2	5.79						
3/4"	WL 8	18.8	15.9	18.8	26	31.5	40	55.5	67.1	76.8	5.94						
	WL 10	23.5	19.9	23.5	32.5	39.4	50.1	69.3	83.9	96	7.14	44.5	54	28.6	34.9	170	42.5
	WL 12	28.2	23.8	28.2	39	47.2	60.1	83.2	101	115	7.92						
1	WL 15	35.2	29.8	35.2	48.8	59.1	75.1	104	126	144	8.33	55.6	60.3	34.9	41.3	397	99.2
	WL 20	47	39.7	47	65.1	78.7	100	139	168	192	9.53						

Flow Rate (l/min) = K (bar)^{0.47}

Ask our technical sales engineers about additional products and services to optimise your spraying process.

Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



Spray Pattern & Droplet Distribution



Nozzle Flow Calibrators



Nozzle Cleaning Kit

Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

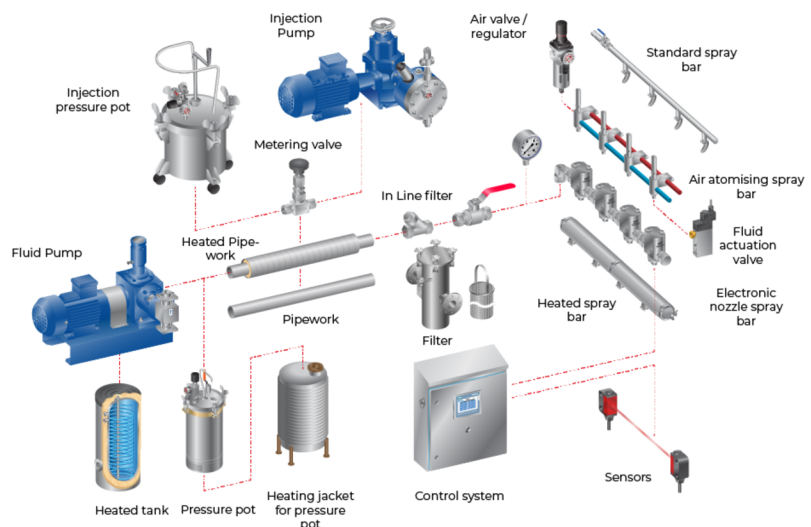
- ✓ Expert nozzle selection and placement
- ✓ Efficient spray coverage
- ✓ Fast turnaround time
- ✓ Reduced design burden
- ✓ High-quality spray bars



Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- ✓ Tailored upstream components supplied individually or as part of complete system
- ✓ Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more
- ✓ Seamless integration with existing processes
- ✓ Built to budget and ROI targets
- ✓ End-to-end support: design, install, maintain



THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING