



WZ series

RIGHT ANGLE FULL CONE

DESIGN FEATURES

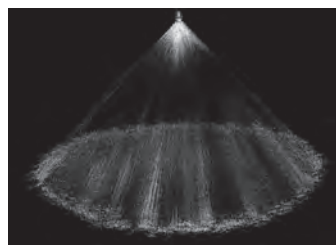
- No internal parts, clog-resistant
- Uniform distribution
- Male and female connections

SPRAY CHARACTERISTICS

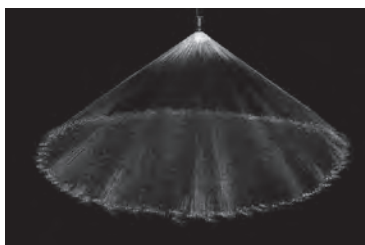
Spray pattern: Full Cone
Spray angle: 90° and 110°
Flow rates: 0.50 to 70.4 l/min



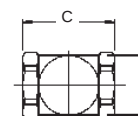
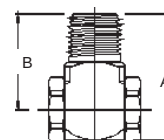
Metal



Full Cone 90 °



Full Cone 110 °



Metal

WZ Flow Rates and Dimensions

Full Cone, 90 ° and 120 ° Spray Angles, 1/4", 3/8" and 1/2" Pipe Size, BSP or NPT

Male or Female Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR							Approx. Orifice Dia. (mm)	Dimensions (mm)			
			0.5 bar	1 bar	2 bar	3 bar	5 bar	7 bar	10 bar		Metal Only			
1/4"	WZ 50	1.13	0.80	1.13	1.60	1.96	2.53	2.99	3.58	1.90	33	25	20	16
	WZ 56	1.27	0.90	1.27	1.80	2.20	2.84	3.36	4.02	2.00				
	WZ 62	1.41	1.00	1.41	2.00	2.45	3.16	3.74	4.47	2.10				
	WZ 77	1.77	1.25	1.77	2.50	3.06	3.95	4.67	5.59	2.30				
3/8"	WZ 98	2.23	1.58	2.23	3.15	3.86	4.98	5.90	7.05	2.60	38	28	30	19
	WZ 120	2.83	2.00	2.83	4.00	4.90	6.33	7.48	8.95	3.00				
	WZ 150	3.53	2.50	3.53	5.00	6.12	7.90	9.35	11.2	3.30				
	WZ 170	3.96	2.80	3.96	5.60	6.86	8.86	10.5	12.5	3.50				
	WZ 200	4.46	3.15	4.46	6.30	7.72	10.0	11.8	14.1	3.70				
	WZ 250	5.66	4.00	5.66	8.00	9.80	12.7	15.0	17.9	4.15				
	WZ 280	6.36	4.50	6.36	9.00	11.0	14.2	16.8	20.1	4.40				
	WZ 310	7.07	5.00	7.07	10.0	12.3	15.8	18.7	22.4	4.65				
	WZ 390	8.84	6.25	8.84	12.5	15.3	19.8	23.4	28.0	5.20				
1/2"	WZ 500	11.3	8.00	11.3	16.0	19.6	25.3	29.9	35.8	5.80	47	35	37	25
	WZ 620	14.1	10.0	14.1	20.0	24.5	31.6	37.4	44.7	7.30				
	WZ 780	17.7	12.5	17.7	25.0	30.6	39.5	46.8	55.9	8.00				
	WZ 980	22.3	15.8	22.3	31.5	38.6	49.8	58.9	70.4	8.70				

Flow Rate (l/min) = K $\sqrt{\text{Öbar}}$

Standard Materials: Brass, PVC, 303 Stainless Steel and 316 Stainless Steel.

WILSON SPRAY NOZZLE PTE LTD
www.wilsonspraynozzle.sg