



WZ series

Tangential right angle

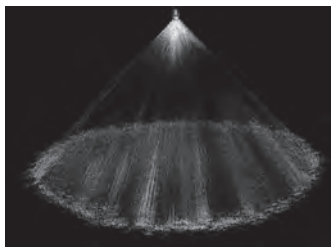
DESIGN FEATURES

- Clog-resistant
- Uniform distribution
- Male and female connections

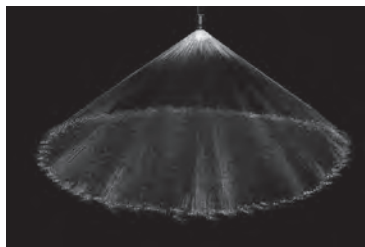
SPRAY CHARACTERISTICS

Spray pattern: Full Cone or Hollow Cone
Spray angle: 90° and 120°
Flow rates: 0.50 to 70.4 l/min

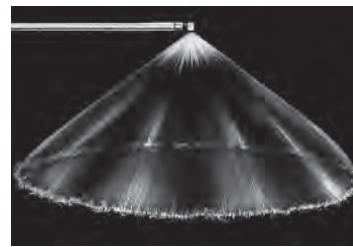
Metal



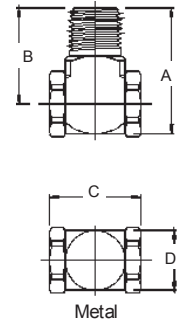
Full Cone 90 °



Full Cone 120°



Hollow Cone 120 °



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) Metal Only			
			0.5 bar	1 bar	2 bar	3 bar	5 bar	7 bar	10 bar		A	B	C	D
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				
WZ 500	11.3	8.00	11.3	16.0	19.6	25.3	29.9	35.8	5.80					
1/2"	WZ 620	14.1	10.0	14.1	20.0	24.5	31.6	37.4	44.7	7.30	47	35	37	25
	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) = $K \sqrt{\text{bar}}$

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