



WZ series

RIGHT ANGLE FULL CONE

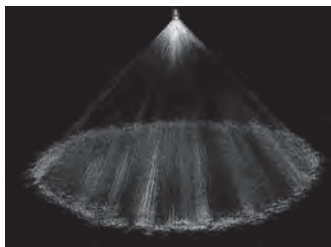


DESIGN FEATURES

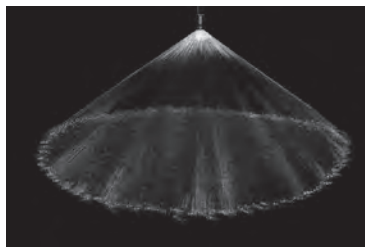
- No internal parts, clog-resistant
- Uniform distribution
- Male and female connections

SPRAY CHARACTERISTICS

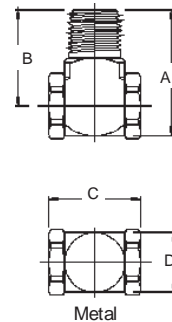
Spray pattern: Full Cone
Spray angle: 90° and 110°
Flow rates: 0.50 to 70.4 l/min



Full Cone 90 °



Full Cone 110 °



Metal

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				

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

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