



WE series

Tangential Hollow Cone

DESIGN FEATURES

- Tangential Spray Right Angle
- Metal or plastic material
- Male and female NPT connections

SPRAY CHARACTERISTICS

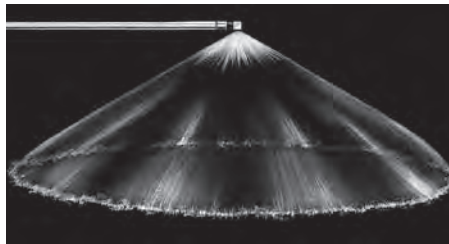
Spray pattern : Hollow Cone
Spray angle : 90° to 120°



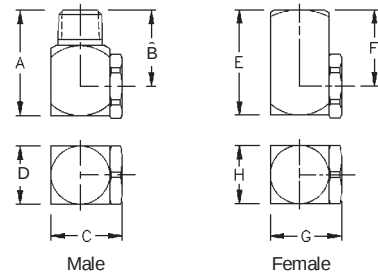
1CX5JB12



Hollow Cone 90 °



Hollow Cone 120 °



Male

Female

WE Flow Rates and Dimensions

Hollow Cone, 90 deg and 120 deg

Male or Female Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ B AR								Approx (mm)		Dimensions								Wt.(g)	
			0.3 bar	0.5 bar	0.7 bar	1 bar	2 bar	3 bar	5 bar	7 bar	Inlet Dia.	Orifice Dia.	A	B	C	D	E	F	G	H	Metal	Plas.
1/8	WE29	2.96	1.62	2.09	2.48	2.96	4.19	5.13	6.62	7.84	3.56	3.56									28	14
	WE36	3.65	2.00	2.58	3.05	3.65	5.16	6.32	8.15	9.65	3.81	4.06										
	WE41	4.10	2.25	2.90	3.43	4.10	5.80	7.10	9.17	10.9	4.32	4.06	28.4	22.4	16.0	12.7	22.4	16.0	16.5	12.7		
	WE45	4.56	2.50	3.22	3.81	4.56	6.45	7.89	10.2	12.1	4.32	4.83										
1/4	WE54	5.47	3.00	3.87	4.58	5.47	7.73	9.47	12.2	14.5	5.08	5.59									85	21
	WE63	6.38	3.49	4.51	5.34	6.38	9.02	11.1	14.3	16.9	5.08	5.59	33.3	25.4	20.1	16.0	28.4	20.6	20.1	16.0		
	WE68	6.84	3.74	4.83	5.72	6.84	9.67	11.8	15.3	18.1	5.08	5.59										
	WE77	7.75	4.24	5.48	6.48	7.75	11.0	13.4	17.3	20.5	5.59	6.10										
3/8	WE91	9.12	4.99	6.45	7.63	9.12	12.9	15.8	20.4	24.1	6.10	6.86									85	21
	WE100	10.0	5.49	7.09	8.39	10.0	14.2	17.4	22.4	26.5	6.60	7.62	38.1	28.4	24.6	19.1	34.0	24.6	24.6	19.1		
	WE114	11.4	6.24	8.06	9.53	11.4	16.1	19.7	25.5	30.1	6.60	7.11										
	WE128	12.8	6.99	9.02	10.7	12.8	18.0	22.1	28.5	33.8	6.60	7.87										
1/2	WE137	13.7	7.49	9.67	11.4	13.7	19.3	23.7	30.6	36.2	8.38	7.87										
	WE182	18.2	9.99	12.9	15.3	18.2	25.8	31.6	40.8	48.2	9.14	9.14										
	WE228	22.8	12.5	16.1	19.1	22.8	32.2	39.5	51.0	60.3	9.14	11.2	47.5	34.8	31.8	25.4	46.0	33.3	31.8	25.4	276	113
	WE273	27.3	15.0	19.3	22.9	27.3	38.7	47.4	61.1	72.4	10.2	12.2										
3/4	WE319	31.9	17.5	22.6	26.7	31.9	45.1	55.3	71.3	84.4	11.9	12.2										
	WE365	36.5	20.0	25.8	30.5	36.5	51.6	63.2	81.5	96.5	12.2	13.0										
	WE410	41.0	22.5	29.0	34.3	41.0	58.0	71.0	91.7	109	12.7	14.2	57.2	41.1	38.1	31.8	55.6	39.6	38.1	31.8	397	227
	WE456	45.6	25.0	32.2	38.1	45.6	64.5	78.9	102	121	13.2	15.0										
	WE501	50.1	27.5	35.5	41.9	50.1	70.9	86.8	112	133	13.5	16.0										
	WE547	54.7	30.0	38.7	45.8	54.7	77.3	94.7	122	145	14.0	17.5										

Standard Materials: Brass and 316 stainless steel