



Series W



Integrated

Design Features

- Spray Angle : 15°-50°
- Spray Pattern : Fan spray, spray area in line.
- Drops : Small- to medium-size, uniform distribution over a wide range of flow rates and pressure.
- Material : BRASS/SS/PP/PVC/PTFE
- Features : The unobstructed liquid column flow channel reduces the blockage as much as possible; Integrated flow surface design, high impact flat fan spray shape, clear edge, uniform distribution.

Applications

- Degreasing
- Fire prevention
- Air purification
- Cooling & quenching
- Metal treating
- Cleaning gravel
- Cleaning & cooling

Performance State

At the stated pressure in bar.

Inlet Conn(in.)						Capacity Size	Orifice (mm)	Flow Rate Capacity (L/min)										Spray Angle (°)		
								0.2bar	0.4bar	0.5bar	0.7bar	1bar	1.5bar	2bar	3bar	4bar	0.5bar	1.5bar	4bar	
1/8	1/4	3/8	1/2	3/4	1"															
●						0.25	0.43	-	-	-	-	0.11	0.14	0.16	0.20	0.23	-	83	117	
●						0.50	0.58	-	-	-	-	0.23	0.28	0.32	0.39	0.46	-	89	122	
●						0.72	0.74	-	-	-	0.29	0.34	0.42	0.48	0.59	0.68	-	106	125	
●						1	0.84	-	-	-	0.38	0.46	0.56	0.64	0.79	0.91	-	103	128	
●						1.5	1.0	-	-	0.48	0.57	0.68	0.84	0.97	1.2	1.4	73	103	125	
●	●					2	1.2	-	-	0.64	0.76	0.91	1.1	1.3	1.6	1.8	83	113	129	
●	●					2.5	1.3	-	0.72	0.81	0.95	1.1	1.4	1.6	2.0	2.3	98	122	133	
●	●					3	1.4	-	0.86	0.97	1.1	1.4	1.7	1.9	2.4	2.7	86	112	126	
●						4	1.7	-	1.2	1.3	1.5	1.8	2.2	2.6	3.2	3.6	97	123	132	
●	●					5	1.9	1.0	1.4	1.6	1.9	2.3	2.8	3.2	3.9	4.6	114	128	142	
●	●					7.5	2.3	1.5	2.2	2.4	2.9	3.4	4.2	4.8	5.9	6.8	101	119	134	
●	●					10	2.7	2.0	2.9	3.2	3.8	4.6	5.6	6.4	7.9	9.1	115	133	145	
●	●					12	2.9	2.4	3.5	3.9	4.6	5.5	6.7	7.7	9.5	10.9	128	139	153	
●	●					15	3.3	3.1	4.3	4.8	5.7	6.8	8.4	9.7	11.8	13.7	98	113	123	
●	●					18	3.6	3.7	5.2	5.8	6.9	8.2	10.1	11.6	14.2	16.4	106	120	131	
●	●					20	3.8	4.1	5.8	6.4	7.6	9.1	11.2	12.9	15.8	18.2	110	122	133	
	●					22	3.9	4.5	6.3	7.1	8.4	10.0	12.3	14.2	17.4	20	113	125	136	
	●					24	4.1	4.9	6.9	7.7	9.2	10.9	13.4	15.5	19.0	22	115	131	144	
	●					27	4.4	5.5	7.8	8.7	10.3	12.3	15.1	17.4	21	25	119	135	148	
		●				30	4.6	6.1	8.6	9.7	11.4	13.7	16.8	19.3	24	27	100	110	121	
		●				35	5.0	7.1	10.1	11.3	13.3	16.0	19.5	23	28	32	105	118	128	
		●	●			40	5.3	8.2	11.5	12.9	15.3	18.2	22	26	32	36	111	126	136	
		●				45	5.6	9.2	13.0	14.5	17.2	21	25	29	36	41	115	130	140	
			●			50	5.9	10.2	14.4	16.1	19.1	23	28	32	39	46	117	131	140	
			●			60	6.5	12.2	17.3	19.3	23	27	34	39	47	55	120	134	142	
			●			70	7.0	14.3	20	23	27	32	39	45	55	64	123	137	146	
			●			80	7.5	16.3	23	26	31	36	45	52	63	73	127	138	149	
				●		90	8.1	18.3	26	29	34	41	50	58	71	82	120	133	140	
				●		100	8.5	20	29	32	38	46	56	64	79	91	123	136	145	
				●		110	8.9	22	32	35	42	50	61	71	87	100	125	138	148	
				●		120	9.3	24	35	39	46	55	67	77	95	109	129	143	150	
				●		140	10.0	29	40	45	53	64	78	90	111	128	118	127	135	
				●		160	10.7	33	46	52	61	73	89	103	126	146	121	130	137	
				●		180	11.4	37	52	58	69	82	101	116	142	164	124	133	139	
				●		210	12.3	43	61	58	80	96	117	135	166	191	128	139	145	
					●	300	14.8	61	86	97	114	137	168	193	237	274	110	128	135	
					●	450	18.0	92	130	145	172	205	251	290	355	410	118	132	138	

· Special size please consult our sale dept!

Order Info

W - 1/4 - SS - 20
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Nozzle Type Inlet Conn Material Code Orifice

For NPT threaded connections, add the letter "N" before the nozzle connection size.