■ PERFORMANCE DATA：WIDE ANGLE SPRAY

Nozzle Type	Inlet Conn.(in.)						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)							Spray Angle (°)		
NPK	1/8	1/4	3/8	1/2	3/4	1			3 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	7 psi	20 psi	60 psi
•	•						.25	.017	–	–	–	.04	.04	.05	.06	–	83	117
•	•						.50	.023	–	–	–	.07	.09	.10	.12	–	89	122
•	•						.75	.029	–	–	.075	.11	.13	.15	.18	–	106	125
•	•						1	.033	–	–	.10	.14	.17	.20	.24	–	103	128
•	•						1.5	.040	–	.13	.15	.21	.26	.30	.37	73	103	125
•	•	•					2	.047	–	.17	.20	.28	.35	.40	.49	83	113	129
•	•	•					2.5	.052	–	.21	.25	.35	.43	.50	.61	98	122	133
•	•	•					3	.057	–	.25	.30	.42	.52	.60	.73	86	112	126
•	•						4	.066	–	.33	.40	.57	.69	.80	.98	97	123	132
•	•	•					5	.074	.27	.42	.50	.71	.87	1.0	1.2	114	128	142
•	•	•					7.5	.091	.41	.63	.75	1.1	1.3	1.5	1.8	101	119	134
•	•	•					10	.105	.55	.84	1.0	1.4	1.7	2.0	2.4	115	133	145
•	•	•					12	.115	.66	1.0	1.2	1.7	2.1	2.4	2.9	128	139	153
•	•	•					15	.128	.82	1.3	1.5	2.1	2.6	3.0	3.7	98	113	123
•	•	•					18	.140	.99	1.5	1.8	2.5	3.1	3.6	4.4	106	120	131
•	•	•					20	.148	1.1	1.7	2.0	2.8	3.5	4.0	4.9	110	122	133

■ DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	D (Dia.) (in.)	Net Weight (oz.)
	NPK (M)	1/8	1.219	9/16	–	1
		1/4	1.343	9/16	–	1
		3/8	1.750	11/16	–	2
		1/2	2.000	7/8	–	4
		3/4	2.563	1-1/2	–	7
		1	3.625	1-7/8	–	32

Based on the largest/heaviest version of each type.

■ ORDERING INFO

Unit Formula Complete Nozzle						
NPK	-	.25	-	1/8	-	SS
Nozzle Type		Capacity		Inlet Connection		Material

Available materials: Brass (leave blank), 303/304 Stainless (SS), 316L Stainless (316)

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Nozzle Type	Inlet Conn.(in.)						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)							Spray Angle (°)		
NPK	1/8	1/4	3/8	1/2	3/4	1			3 psi	7 psi	10 psi	20 psi	30 psi	40 psi	60 psi	7 psi	20 psi	60 psi
•		•					22	.155	1.2	1.8	2.2	3.1	3.8	4.4	5.4	113	125	136
•		•					24	.162	1.3	2.0	2.4	3.4	4.2	4.8	5.9	115	131	144
•		•					27	.172	1.5	2.3	2.7	3.8	4.7	5.4	6.6	119	135	148
•			•				30	.181	1.6	2.5	3.0	4.2	5.2	6.0	7.3	100	110	121
•			•				35	.196	1.9	2.9	3.5	4.9	6.1	7.0	8.6	105	118	128
•			•	•			40	.209	2.2	3.3	4.0	5.7	6.9	8.0	9.8	111	126	136
•			•				45	.222	2.5	3.8	4.5	6.4	7.8	9.0	11.0	115	130	140
•				•			50	.234	2.7	4.2	5.0	7.1	8.7	10.0	12.2	117	131	140
•				•			60	.256	3.3	5.0	6.0	8.5	10.4	12.0	14.7	120	134	142
•				•			70	.277	3.8	5.9	7.0	9.9	12.1	14.0	17.1	123	137	146
•				•			80	.296	4.4	6.7	8.0	11.3	13.9	16.0	19.6	127	138	149
•					•		90	.317	4.9	7.5	9.0	12.7	15.6	18.0	22	120	133	140
•					•		100	.334	5.5	8.4	10.0	14.1	17.3	20	24	123	136	145
•					•		110	.350	6.0	9.2	11.0	15.6	19.1	22	27	125	138	148
•					•		120	.366	6.6	10.0	12.0	17.0	21	24	29	129	143	150
•					•		140	.395	7.7	11.7	14.0	19.8	24	28	34	118	127	135
•					•		160	.423	8.8	13.4	16.0	23	28	32	39	121	130	137
•					•		180	.448	9.9	15.1	18.0	25	31	36	44	124	133	139
•					•		210	.484	11.5	17.6	21	30	36	42	51	128	139	145
•						•	300	.579	16.4	25	30	42	52	60	73	110	128	135
•						•	450	.709	25	38	45	64	78	90	110	118	132	138