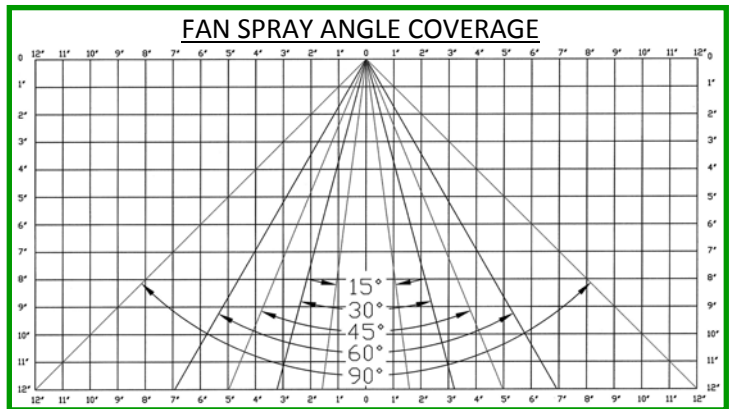


NOZZLE TYPES, STANDARD SIZE AVAILABILITY, FLOWS, COVERAGE

FAN NOZZLES													
Standard Nozzles Sizes			Flow Rate Capacity (gallons per minute, per nozzle)										
MINI FOG	STANDARD FOG	ORIFICE/ANGLE	PSI										
			20	40	60	80	100	140	200	400	600	800	1000
5° FANS													
X	X	#66 (030°)/5°	.10	.145	.188	2.0	2.40	2.91	3.67	5.27	6.25	7.60	8.11
X	X	#60 (040°)/5°	0.90	2.20	2.85	3.25	3.61	4.45	5.08	6.85	8.88	10.0	1.15
X	X	#54 (055°)/5°	3.00	4.05	4.83	5.72	6.65	7.60	9.15	13.4	15.9	18.2	2.05
X	X	#50 (070°)/5°	4.20	6.40	8.00	9.40	1.11	1.29	1.53	2.06	2.67	3.05	3.58
	X	3/32 (094°)/5°	8.28	1.23	1.50	1.71	1.90	2.27	2.67	4.07	4.81	5.50	6.63
	X	1/8 (125°)/5°	1.45	2.03	2.53	2.88	3.15	3.88	4.69	6.63	8.00	9.63	10.7
	X	5/32 (156°)/5°	2.33	3.27	3.79	4.37	4.90	5.87	7.12	-	-	-	-
30° FANS													
X	X	#66 (030°)/30°	0.94	.166	.188	2.19	2.88	2.81	3.75	5.31	6.25	7.60	8.11
X	X	#60 (040°)/30°	.165	2.30	2.80	3.25	3.65	.430	.515	6.90	8.40	10.0	1.15
X	X	#54 (055°)/30°	3.00	4.0	4.85	5.65	6.60	7.60	9.20	1.38	1.69	1.88	2.06
X	X	#50 (070°)/30°	4.0	6.0	7.60	9.00	1.0	1.28	1.50	1.90	2.60	3.00	3.66
	X	3/32 (094°)/30°	8.75	1.28	1.55	1.78	2.00	2.38	2.82	4.13	5.00	5.50	6.75
	X	1/8 (125°)/30°	1.40	2.0	2.60	3.0	3.50	4.1	4.97	7.25	8.50	9.25	10.5
	X	5/32 (156°)/30°	2.40	3.40	4.05	4.65	5.20	6.20	7.50	11.0	-	-	-
45° FANS													
X	X	#66 (030°)/45°	.104	.167	2.09	2.43	2.79	3.11	4.03	5.62	6.67	7.92	8.75
X	X	#60 (040°)/45°	.173	2.38	2.95	3.30	3.83	4.38	5.28	7.05	8.54	10.2	1.22
X	X	#54 (055°)/45°	3.30	4.40	5.30	6.0	6.80	8.0	9.60	1.44	1.72	2.06	2.41
X	X	#50 (070°)/45°	5.00	7.20	8.80	1.01	1.13	1.33	1.60	2.25	2.75	3.25	3.75
	X	3/32 (094°)/45°	9.22	1.33	1.60	1.87	2.10	2.49	2.97	4.19	5.19	5.51	6.87
	X	1/8 (125°)/45°	1.48	2.20	2.70	3.20	3.60	4.33	5.01	7.87	9.00	-	-
	X	5/32 (156°)/45°	2.47	3.53	4.31	4.93	5.50	6.53	7.88	-	-	-	-
60° FANS													
X	X	#66 (030°)/60°	.115	.177	2.29	2.66	2.99	3.54	4.32	5.94	7.08	8.33	10.60
X	X	#60 (040°)/60°	.180	2.45	3.0	3.35	4.00	4.45	5.40	7.20	8.67	10.3	1.27
X	X	#54 (055°)/60°	3.50	4.50	5.50	6.40	7.15	8.50	1.01	1.50	1.88	2.19	2.50
X	X	#50 (070°)/60°	5.00	8.30	1.00	1.12	1.15	1.38	1.70	2.60	2.90	3.50	3.84
	X	3/32 (094°)/60°	9.67	1.38	1.65	1.96	2.20	2.60	3.13	4.25	5.38	5.62	7.00
	X	1/8 (125°)/60°	1.55	2.30	2.80	3.30	3.70	4.48	5.0	-	-	-	-
	X	5/32 (156°)/60°	2.55	3.65	4.50	5.20	5.80	6.85	8.28	-	-	-	-
90° FANS													
X	X	#66 (030°)/90°	.125	.188	2.50	2.90	3.20	3.90	4.60	6.25	7.50	8.75	10.0
X	X	#60 (040°)/90°	.185	2.85	3.25	3.80	4.20	5.00	6.00	8.30	10.6	1.25	1.36
X	X	#54 (055°)/90°	4.00	4.90	6.35	7.15	7.72	9.40	1.0	1.62	2.07	2.50	2.94
X	X	#50 (070°)/90°	7.70	1.05	1.24	1.30	1.36	1.48	1.90	2.81	3.45	3.88	4.15
	X	3/32 (094°)/90°	1.06	1.48	1.75	2.14	2.30	2.82	3.44	4.37	5.76	-	-
	X	1/8 (125°)/90°	1.70	2.50	3.00	3.50	3.90	4.74	5.23	9.73	-	-	-

NEEDLE JET NOZZLES																
Standard Nozzles Sizes					Flow Rate Capacity (gallons per minute, per nozzle)											
MINI	STANDARD FOG	B-BASE BNYE2+	BAR BASE	EZ-CLEAN	ORIFICE / PSI	PSI										
						20	40	60	80	100	140	200	400	600	800	1000
X	X	X	X	X	#80 (014")	0.20	0.32	0.36	0.40	0.43	0.53	0.65	0.94	.113	.125	.141
X	X	X	X	X	#70 (028")	0.83	.105	.128	.148	.168	.197	2.38	3.32	4.30	4.80	5.00
X	X	X	X	X	#66 (030")	.120	.152	.197	2.20	2.52	3.00	3.69	5.23	6.25	7.50	8.20
X	X	X	X	X	#60 (040")	.150	2.25	2.79	3.20	3.58	4.21	5.00	6.80	8.75	1.00	1.15
X	X	X	X	X	#54 (055")	3.00	4.00	4.80	5.80	6.70	7.40	9.0	1.30	1.50	1.75	2.03
X	X	X	X	X	#50 (070")	4.30	6.70	8.40	9.80	1.0	1.30	1.56	2.28	2.75	3.0	3.50
X	X	X	X	X	3/32 (094")	7.80	1.18	1.45	1.63	1.80	2.15	2.53	-	-	-	-
X	X	X	X	X	1/8 (125")	1.50	1.95	2.45	2.65	2.80	3.58	4.40	6.00	7.50	-	-

60° FOG NOZZLES												
Flow Rate Capacity - GPM Per Nozzle												
STANDARD NOZZLE ORIFICE/ANGLE		PSI										
		20	30	40	50	60	70	80	100	140	200	400
#60 (040°)/60° FOG		-	0.80	0.97	.104	.112	.120	.131	-	-	-	-
#54 (055°)/60° FOG		-	.195	.202	.229	.251	.281	.307	-	-	-	-
#50 (070°)/60° FOG		-	.370	.415	.460	.505	.548	.593	-	-	-	-



SINCLAIR

INTERNATIONAL

85 Boulevard, Queensbury, NY 12804 • Office 518-747-2803 • Fax 518-798-3028
 www.sinclairinternational.com • sinpsi@sinclairinternational.com