

Air Atomizing Spray Nozzles



Internal Mix Narrow Angle Round Pattern - 1/4 NPT



Model: AN1010SS
Material: Type 303 Stainless Steel

Model: AN1020SS
Material: Type 303 Stainless Steel

Model: AN1030SS
Material: Type 303 Stainless Steel

Model: AN1040SS
Material: Type 303 Stainless Steel

Model AN1010SS, AN1020SS, AN1030SS, and AN1040SS

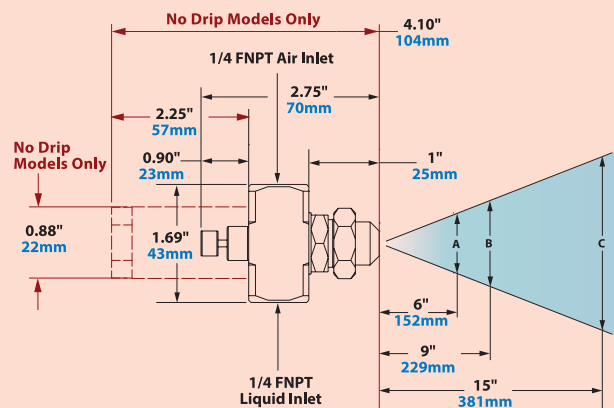
1/4 NPT internal mix narrow angle round pattern nozzles are excellent for spraying a concentrated mist of liquid. Because of the versatility of their adjustments, they can apply a heavy coat up close or send a very fine mist over 30 feet away! They are often used for precision application of lubricants during assembly, or marking items as they move through an assembly line. Narrow angle round pattern atomizing nozzles are capable of delivering the most liquid of any of our 1/4 NPT internal mix atomizing nozzles.

For pressure fed applications not requiring independent air and liquid control.



The amount of liquid applied can be greatly varied by adjusting the valve or inlet pressures.

Dimensions and Airflow Pattern



No Drip Only Dimensions in Red
See page 93 for No Drip Atomizing Nozzles



Spray Nozzles

Model	10 PSI/0.7 BAR Liquid						20 PSI/1.4 BAR Liquid						30 PSI/2.1 BAR Liquid						40 PSI/2.8 BAR Liquid						60 PSI/4.1 BAR Liquid						Spray Dimensions																															
	Air Pressure		GPH/LPH		SCFM/SLPM		Air Pressure		GPH/LPH		SCFM/SLPM		Air Pressure		GPH/LPH		SCFM/SLPM		Air Pressure		GPH/LPH		SCFM/SLPM		Air Pressure		Liquid Pressure		Width			Max. Depth																														
	PSI/BAR	PSI/BAR	LPH	LPH	SLPM	SLPM	PSI/BAR	PSI/BAR	LPH	LPH	SLPM	SLPM	PSI/BAR	PSI/BAR	LPH	LPH	SLPM	SLPM	PSI/BAR	PSI/BAR	LPH	LPH	SLPM	SLPM	PSI/BAR	PSI/BAR	A	B	C	feet/m																																
AN1010SS	10	0.7	1.4	5.3	0.6	17	18	1.2	1.8	6.8	0.9	25	24	1.7	2.3	8.7	1.0	28	30	2.1	2.7	10.2	1.2	34	40	2.8	3.3	12.5	1.5	42	52	3.6	2.8	10.6	1.9	54	62	4.3	2.3	8.7	2.4	68	70	4.8	1.9	7.2	2.8	79	12	0.8	10	0.7	2.3	6	3.3	8	5.0	13	6	1.8	AN1010SS	
	12	0.8	1.2	4.5	0.7	20	22	1.5	1.6	6.1	1.0	28	32	2.2	1.9	7.2	1.3	37	38	2.6	2.3	8.7	1.5	42	44	3.0	1.9	7.2	1.7	48	52	3.6	2.8	10.6	1.9	54	62	4.3	2.3	8.7	2.4	68	70	4.8	1.9	7.2	2.8	79	20	1.4	20	1.4	2.8	7	3.8	10	6.0	15	8	2.4		
	14	1.0	1.1	4.2	0.8	23	24	1.7	1.5	5.7	1.1	31	36	2.5	1.6	6.1	1.5	42	44	3.0	1.9	7.2	1.7	48	52	3.6	2.8	10.6	1.9	54	62	4.3	2.3	8.7	2.4	68	70	4.8	1.9	7.2	2.8	79	34	2.3	30	2.1	3.0	8	4.3	11	6.5	17	9	2.7								
	—	—	—	—	—	—	26	1.8	1.3	4.9	1.2	34	40	2.8	1.3	4.9	1.7	48	48	3.3	1.7	6.4	2.0	57	52	3.6	2.8	10.6	1.9	54	62	4.3	2.3	8.7	2.4	68	70	4.8	1.9	7.2	2.8	79	42	2.9	40	2.8	3.5	9	4.5	11	6.5	17	10	3.0								
	—	—	—	—	—	—	26	1.8	1.3	4.9	1.2	34	40	2.8	1.3	4.9	1.7	48	48	3.3	1.7	6.4	2.0	57	52	3.6	2.8	10.6	1.9	54	62	4.3	2.3	8.7	2.4	68	70	4.8	1.9	7.2	2.8	79	58	4.0	60	4.1	4.0	10	5.0	13	7.0	18	11	3.4								
AN1020SS	16	1.1	3.7	14.0	2.8	79	28	1.9	5.2	19.7	4.0	113	40	2.8	6.0	22.7	5.2	147	48	3.3	3.8	14.4	6.4	181	65	4.5	3.6	13.6	8.1	229	80	5.5	6.6	25.0	8.6	244	90	6.2	4.5	17.0	10.1	286	100	6.9	2.4	9.1	11.3	320	24	1.7	10	0.7	2.5	6	3.5	9	5.5	14	11	3.4	AN1020SS	
	20	1.4	2.5	9.5	3.4	96	36	2.5	2.7	10.2	5.1	144	48	3.3	3.8	14.4	6.4	181	65	4.5	3.6	13.6	8.1	229	80	5.5	6.6	25.0	8.6	244	90	6.2	4.5	17.0	10.1	286	100	6.9	2.4	9.1	11.3	320	38	2.6	20	1.4	2.8	7	4.0	10	6.5	17	12	3.7								
	24	1.7	1.4	5.3	4.0	113	40	2.8	1.7	6.4	5.7	161	55	3.8	2.1	7.9	7.3	207	75	5.2	1.4	5.3	9.8	277	90	6.2	4.5	17.0	10.1	286	100	6.9	2.4	9.1	11.3	320	55	3.8	30	2.1	3.0	8	4.5	11	6.5	17	13	4.0														
	—	—	—	—	—	—	44	3.0	0.8	3.0	6.4	181	60	4.1	1.1	4.2	8.1	229	80	5.5	0.8	3.0	10.2	289	100	6.9	2.4	9.1	11.3	320	100	6.9	2.4	9.1	11.3	320	65	4.5	40	2.8	3.5	9	5.0	13	7.0	18	14	4.3														
	—	—	—	—	—	—	44	3.0	0.8	3.0	6.4	181	60	4.1	1.1	4.2	8.1	229	80	5.5	0.8	3.0	10.2	289	100	6.9	2.4	9.1	11.3	320	100	6.9	2.4	9.1	11.3	320	85	5.9	60	4.1	4.0	10	5.5	14	7.5	19	18	5.5														
AN1030SS	12	0.8	7.8	29.5	1.9	54	20	1.4	12.9	48.8	2.5	71	30	2.1	15.1	57.2	3.4	96	38	2.6	18.0	68.1	4.1	116	54	3.7	23.0	87.1	5.3	150	65	4.5	17.1	64.7	6.7	190	75	5.2	12.3	46.6	8.0	227	85	5.9	7.3	27.6	9.6	272	14	1.0	10	0.7	2.8	7	4.5	14	11	6.5	17	10	3.0	AN1030SS
	14	1.0	6.0	22.7	2.2	62	24	1.7	9.8	37.1	3.0	85	38	2.6	9.4	35.6	4.5	127	46	3.2	13.1	49.6	5.1	144	65	4.5	17.1	64.7	6.7	190	75	5.2	12.3	46.6	8.0	227	85	5.9	7.3	27.6	9.6	272	26	1.8	20	1.4	3.3	8	5.0	13	7.0	18	16	4.9								
	16	1.1	4.4	16.7	2.6	74	28	1.9	7.0	26.5	3.6	102	42	2.9	7.0	26.5	5.1	144	52	3.6	9.6	36.3	6.0	170	75	5.2	12.3	46.6	8.0	227	85	5.9	7.3	27.6	9.6	272	40	2.8	30	2.1	3.8	10	5.5	14	7.0	18	19	5.8														
	—	—	—	—	—	—	32	2.2	4.1	15.5	4.4	125	46	3.2	5.0	18.9	5.9	167	56	3.9	7.3	27.6	6.6	187	85	5.9	7.3	27.6	9.6	272	70	4.8	60	4.1	4.0	10	6.0	15	8.0	20	22	6.7																				
	—	—	—	—	—	—	32	2.2	4.1	15.5	4.4	125	46	3.2	5.0	18.9	5.9	167	56	3.9	7.3	27.6	6.6	187	85	5.9	7.3	27.6	9.6	272	70	4.8	60	4.1	4.0	10	6.0	15	8.0	20	26	7.9																				
AN1040SS	14	1.0	6.3	23.8	3.5	99	20	1.4	24.0	90.8	3.0	85	28	1.9	33.0	125	3.4	96	32	2.2	46.5	176	2.8	79	42	2.9	66.0	250	2.7	76	50	3.4	54.0	204	4.3	122	58	4.0	39.0	148	6.6	187	14	1.0	10	0.7	3.0	8	4.5	11	6.5	17	17	5.2	AN1040SS							
	16	1.1	3.0	11.4	4.2	119	24	1.7	13.0	49.2	4.2	119	32	2.2	24.0	90.8	4.6	130	40	2.8	30.0	114	5.1	144	50	3.4	54.0	204	4.3	122	58	4.0	39.0	148	6.6	187	24	1.7	20	1.4	3.5	9	6.0	15	7.5	19	21	6.4														
	—	—	—	—	—	—	26	1.8	9.0	34.1	4.9	139	36	2.5	12.5	47.3	5.9	167	46	3.2	16.5	62.5	6.8	193	58	4.0	39.0	148	6.6	187	70	4.8	60	4.1	4.0	10	6.0	15	8.0	20	26	7.9																				
	—	—	—	—	—	—	26	1.8	9.0	34.1	4.9	139	36	2.5	12.5	47.3	5.9	167	46	3.2	16.5	62.5	6.8	193	58	4.0	39.0	148	6.6	187	70	4.8	60	4.1	4.0	10	6.0	15	8.0	20	26	7.9																				
	—	—	—	—	—	—	28	1.9	5.5	20.8	5.6	159	40	2.8	6.0	22.7	7.4	210	50	3.4	10.3	39.0	8.2	232	70	4.8	15.8	60	10.2	289	64	4.4	60	4.1	5.0	13	7.0	18	9.0	23	35	10.7																				



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