

Internal Mix Narrow Angle Round Pattern - 1/8 NPT

Model AN8010SS, AN8020SS, AN8030SS, AN8040SS and AN8050SS

1/8 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 16 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 1/8 NPT internal mix atomizing nozzles.

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

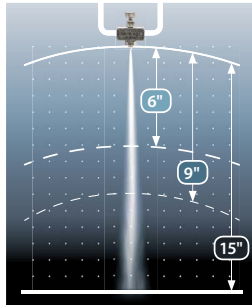
Model: AN8010SS
Material: Type 303 Stainless Steel

Model: AN8020SS
Material: Type 303 Stainless Steel

Model: AN8030SS
Material: Type 303 Stainless Steel

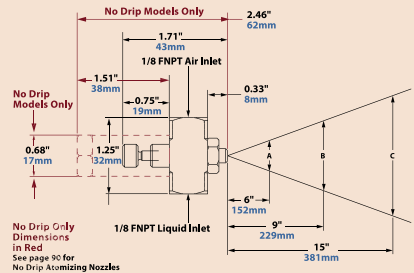
Model: AN8040SS
Material: Type 303 Stainless Steel

Model: AN8050SS
Material: Type 303 Stainless Steel



The modifiable spray pattern can generate a heavy or precision engineered mist for distances over 16 feet!

Dimensions and Airflow Pattern



For more information about droplet size and spray angle, see page 95.

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 PSI/BAR		GPH/LPH		SCFM/SLPM		Air Pressure PSI/BAR		GPH/LPH		SCFM/SLPM		Air Pressure PSI/BAR		GPH/LPH		SCFM/SLPM		Air Pressure PSI/BAR		GPH/LPH		SCFM/SLPM		Air Pressure PSI/BAR		GPH/LPH		SCFM/SLPM		Air Pressure PSI/BAR		Liquid PSI/BAR		Width		Max. Depth feet/m																							
	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm	in	cm																										
AN8010SS	10	0.7	0.97	3.7	0.25	7.1	14	1.0	1.83	6.9	0.32	9.1	24	1.7	1.97	7.5	0.52	14.7	32	2.2	2.23	8.4	0.67	19.0	50	3.4	2.63	10.0	0.98	27.7	10	0.7	10	0.7	3	8	3.5	9	4.5	11	3.5	11	10	3	8	3.5	9	4.5	11	3.5	11									
	12	0.8	0.80	3.0	0.32	9.1	18	1.2	1.5	5.7	0.39	11.0	28	1.9	1.7	6.4	0.59	16.7	36	2.5	1.97	7.5	0.74	20.9	54	3.7	2.37	9.0	1.02	28.9	18	1.2	20	1.4	3	8	4	10	5	13	5	15	18	3	8	4	10	5	13	5	15									
	14	1.0	0.60	2.3	0.4	11.3	22	1.5	1.27	4.8	0.52	14.7	32	2.2	1.37	5.2	0.71	20.1	40	2.8	1.67	6.3	0.84	23.8	58	4.0	2.1	7.9	1.12	31.7	32	2.2	30	2.1	3	8	4	10	5.5	14	7	2.1	32	3	8	4	10	5.5	14	7	2.1									
AN8020SS	—	—	—	—	—	—	26	1.8	0.73	2.8	0.67	19.0	38	2.6	0.8	3.0	0.93	26.3	48	3.3	1.00	3.8	1.09	30.9	66	4.6	1.7	6.4	1.21	34.3	48	3.3	40	2.8	3	8	4.5	11	6	15	8	24	48	3	40	2.8	3	8	4.5	11	6	15	8	24						
	10	0.7	1.33	5.0	0.43	12.2	18	1.2	1.83	6.9	0.71	20.1	24	1.7	2.27	8.6	0.91	25.8	30	2.1	2.63	10.0	1.05	29.7	40	2.8	3.33	12.6	1.31	37.1	10	0.7	10	0.7	2	5	3	8	4	10	5	15	10	0.7	10	0.7	2	5	3	8	4	10	5	15						
	12	0.8	1.17	4.4	0.5	14.2	20	1.4	1.73	6.5	0.75	21.2	28	1.9	2.07	7.8	0.99	28.0	34	2.3	2.47	9.3	1.12	31.7	46	3.2	3.13	11.8	1.4	39.6	20	1.4	20	1.4	2.5	6	3.5	9	4.5	11	7	2.1	20	1.4	2.5	6	3.5	9	4.5	11	7	2.1								
AN8030SS	14	1.0	1.03	3.9	0.6	17.0	22	1.5	1.63	6.2	0.84	23.8	32	2.2	1.9	7.2	1.09	30.9	38	2.6	2.39	8.8	1.20	34.0	52	3.6	2.87	10.9	1.6	45.3	32	2.2	30	2.1	2.5	6	3.5	9	4.5	11	7	2.1	32	2.2	30	2.1	2.5	6	3.5	9	4.5	11	7	2.1						
	—	—	—	—	—	—	—	—	—	—	—	—	40	2.8	1.57	5.9	1.45	41.0	48	3.3	1.87	7.1	1.53	43.3	70	4.8	2.2	8.3	2.2	62.3	70	4.8	60	4.1	3.5	9	4.5	11	6.5	17	10	30	70	4.8	60	4.1	3.5	9	4.5	11	6.5	17	10	30						
	12	0.8	2.20	8.3	0.47	13.3	18	1.2	2.49	11.0	0.75	21.2	30	2.1	3.7	14.0	0.96	27.2	36	2.5	4.47	16.9	1.09	31.7	48	3.3	6.3	23.8	1.28	36.2	12	0.8	10	0.7	2	5	3	8	4	10	5	15	12	0.8	10	0.7	2	5	3	8	4	10	5	15						
AN8040SS	16	1.1	1.60	6.1	0.56	15.9	26	1.8	2.13	9.2	0.82	23.2	34	2.3	3.2	12.1	1.00	28.3	40	2.8	4.17	15.8	1.12	31.7	52	3.6	5.87	22.2	1.3	36.8	26	1.8	20	1.4	2.5	6	3.5	9	4.5	11	6	1.8	26	1.8	2.5	6	3.5	9	4.5	11	6	1.8								
	24	1.7	0.67	2.5	0.95	26.9	38	2.6	1.13	4.3	1.35	38.2	46	3.2	1.8	6.8	1.45	41.0	52	3.6	2.67	10.1	1.49	42.2	64	4.4	4.56	17.3	1.59	45.0	52	3.6	40	2.8	3	8	4	10	6	15	11	34	52	3.6	40	2.8	3	8	4	10	6	15	11	34						
	28	1.9	0.47	1.8	1.07	30.3	42	2.9	0.77	2.9	1.53	43.3	52	3.6	1.4	5.3	1.76	49.8	60	4.1	2.00	7.6	1.87	52.9	70	4.8	3.3	6.3	2.38	62.3	10	0.8	60	4.1	4	10	5	13	6.5	17	11	34	10	0.8	60	4.1	4	10	5	13	6.5	17	11	34						
AN8050SS	11	0.8	1.487	9.6	2.54	71.9	28	1.9	0.60	2.50	3.64	103.0	40	2.8	7.83	29.7	40	13.29	48	3.3	9.33	35.3	5.40	53	6.5	12.0	45.4	67.0	19	1.1	10	0.7	2.5	6	3	8	4	10	10	30	19	1.1	10	0.7	2.5	6	3	8	4	10	10	30								
	20	1.4	3.57	11.0	2.92	82.6	32	2.2	5.60	21.2	3.98	112.6	44	3.0	6.87	26.0	4.99	141.3	55	3.8	8.17	30.9	5.98	169	7.5	5.2	10.8	41.0	7.57	214	32	2.2	20	1.4	3	8	4	10	5.5	14	11	34	32	2.2	20	1.4	3	8	4	10	5.5	14	11	34						
	26	1.8	1.87	13.6	3.60	101.8	44	3.0	2.43	9.2	5.16	146.1	60	4.1	2.80	10.6	6.43	182.0	80	5.5	2.53	9.6	8.58	243	100	6.3	6.17	30.9	9.03	256	80	5.5	40	2.8	3	8	4	10	5.5	14	13	40	80	5.5	40	2.8	3	8	4	10	5.5	14	13	40						
AN8050SS	30	2.1	1.03	15.4	4.06	115.0	34	3.4	1.33	5.0	5.92	167.7	70	4.8	1.23	4.7	7.78	220.4	90	6.2	1.27	4.8	6.51	272	100	6.9	6.13	23.2	9.90	280	100	6.9	6.13	23.2	9.90	100	6.9	6.13	23.2	9.90	100	6.9	6.13	23.2	9.90	100	6.9	6.13	23.2	9.90	100	6.9	6.13	23.2	9.90	100	6.9	6.13	23.2	9.90
	12	0.8	7.60	28.8	1.76	49.8	20	1.4	11.63	44.0	2.37	61.7	30	2.1	13.5	51.1	3.42	96.8	38	2.6	15.4	58.2	3.99	113	54	3.7	18.9	71.7	51.7	146	12	0.8	10	0.7	3	8	4	10	6	15	9	27	12	0.8	10	0.7	3	8	4	10	6	15	9	27						
	14	1.0	6.10	23.1	1.97	55.8	22	1.5	10.53	39.9	2.85	80.7	34	2.3	11.37	43.0	3.92	111.0	42	2.9	14.1	53.3	4.50	127	60	4.1	17.2	65.1	58.3	165	22	1.5	20	1.4	3	8	4	10	6	15	11	34	22	1.5	20	1.4	3	8	4	10	6	15	11	34						
—	—	—	—	—	—	24	1.7	9.43	35.7	3.11	88.0	38	2.6	11.67	44.9	4.26	46	3.2	12.3	46.7	4.95	140	65	4.5	15.7	59.4	64.5	183	38	2.6	20	1.4	3	8	4	10	6	15	14	43	38	2.6	20	1.4	3	8	4	10	6	15	14	43								
—	—	—	—	—	—	32	2.2	5.07	19.2	4.19	118.6	46	3.2	5.6	21.2	5.52	156.3	56	3.9	7.7	29.0	6.24	177	85	5.9	8.13	30.8	8.58	243	85	5.9	60	4.1	4	10	5	13	6.5	17	16	49	85	5.9	60	4.1	4	10	5	13	6.5	17	16	49							

Atomizing Nozzles

Internal Mix Narrow Angle Round Pattern - 1/4 NPT



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.



Model: AN1010SS
Material: Type 303 Stainless Steel



Model: AN1020SS
Material: Type 303 Stainless Steel



Model: AN1030SS
Material: Type 303 Stainless Steel

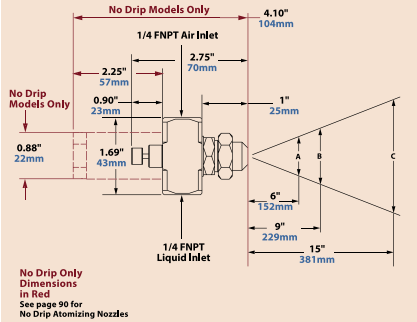


Model: AN1040SS
Material: Type 303 Stainless Steel



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

Dimensions and Airflow Pattern



For more information about droplet size and spray angle, see page 95.

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 PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Pressure		Width		Max. Depth feet/m																							
	Air PSI/BAR	Liquid LPH	Air SLPM	Air PSI/BAR	Liquid LPH	Air SLPM	Air PSI/BAR	Liquid LPH	Air SLPM	Air PSI/BAR	Liquid LPH	Air SLPM	Air PSI/BAR	Liquid LPH	Air SLPM	Air PSI/BAR	Liquid LPH	Air PSI/BAR	Liquid LPH																								
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	12	0.8	1.0	0.7	2.3	6	3.3	8	5.0	13	6	1.8	
	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	52	3.6	2.8	10.6	1.9	54	20	1.4	2.0	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	62	4.3	2.3	8.7	2.4	68	42	2.9	4.0	2.1	3.0	8	4.3	11	6.5	17	10	3.0	
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	7.0	26.5	5.9	167	65	4.5	9.9	37.5	7.0	198	24	1.7	1.0	0.7	2.5	6	3.5	9	5.5	14	11	3.4	
	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	38	2.6	2.0	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	65	4.5	6.0	4.1	4.0	1.0	5.0	13	7.0	18	11	3.4	
AN1030SS	28	1.9	0.6	2.3	4.6	130	44	3.0	0.8	3.0	6.4	181	65	4.5	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	85	5.9	6.0	4.1	4.0	1.0	5.5	14	7.5	19	18	5.5	
	12	0.8	7.8	29.5	1.9	54	20	1.4	12.9	48.8	2.5	71	30	2.1	1.5	1.5	7.2	3.4	96	38	2.6	18.0	68.1	4.1	116	54	3.7	23.0	87.1	5.3	150	14	1.0	1.0	0.7	2.8	7	4.0	11	6.5	17	10	3.0
	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	26	1.8	2.0	1.4	3.8	8	5.0	13	7.0	18	16	4.9	
AN1040SS	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	50	3.4	4.0	2.8	4.0	1.0	6.0	15	8.0	20	22	6.7	
	18	1.2	3.3	12.5	2.9	82	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	6.0	4.1	4.0	1.0	6.0	15	8.0	20	26	7.9	
	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	14	1.0	1.0	0.7	3.0	8	4.5	11	6.5	17	17	5.2	
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	34	2.3	2.0	1.4	3.5	9	6.0	15	7.5	19	21	6.4		
18	1.2	3.3	12.5	2.9	82	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	30.0	148	6.6	187	44	3.0	4.0	2.8	4.5	11	7.0	18	8.5	22	30	9.1		
20	1.4	2.5	9.5	3.4	96	28	1.9	5.5	20.8	5.6	159	40	3.0	6.0	22.7	7.4	210	50	3.4	10.3	39.2	8.2	232	70	4.8	15.8	60	10	229	64	4.4	6.1	4.1	5.0	13	7.0	18	9.0	23	35	10.7		

Atomizing Nozzles

Internal Mix Wide Angle Round Pattern - 1/4 NPT



Model: AW1010SS
Material: Type 303 Stainless Steel



Model: AW1020SS
Material: Type 303 Stainless Steel



Model: AW1030SS
Material: Type 303 Stainless Steel



Model: AW1040SS
Material: Type 303 Stainless Steel

Model AW1010SS, AW1020SS, AW1030SS, and AW1040SS

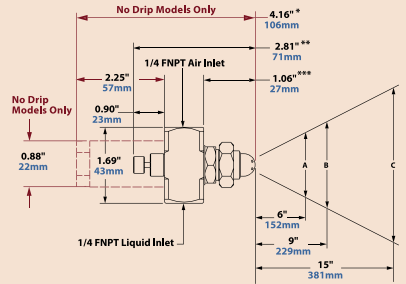
EXAIR's 1/4 NPT internal mix wide angle round pattern atomizing nozzles are great for covering a broad area. They can be adjusted for a light mist or a heavy soaking spray. They are popular for dust mitigation, humidification, and cooling of products, people or livestock in a broad area. These nozzles are also perfect for applying a coating to parts packed in large containers, for example, misting a container of stamped steel parts with oil to prevent oxidation during shipment.

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



A Model AW1030SS is used to keep dust down during charcoal briquette production.

Dimensions and Air/Liquid Pattern



No Drip Only Dimensions in Red
See page 99 for No Drip Atomizing Nozzles

**Model AW1010SS: 4.03\"/>

***Model AW1010SS: 0.93\"/>

For more information about droplet size and spray angle, see page 95.



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 PSI/BAR	GPH/SLPM	SCFM/SLPM	Air Pressure PSI/BAR	GPH/SLPM	SCFM/SLPM	Air Pressure PSI/BAR	GPH/SLPM	SCFM/SLPM	Air Pressure PSI/BAR	GPH/SLPM	SCFM/SLPM	Air Pressure PSI/BAR	GPH/SLPM	SCFM/SLPM	Pressure PSI/BAR	Width Liquid/SLPM	A in	B in	C in	Max. Depth feet/m																														
AW1010SS	8	0.6	1.8	6.8	0.3	8	14	1.0	2.4	9.1	0.4	11	18	1.2	2.1	7.9	0.5	14	30	2.1	2.3	8.7	0.7	20	38	2.6	2.6	9.8	0.8	23	65	4.5	2.5	9.5	1.3	37	42	29.0	10.7	10	0.7	10	0.7	7	18	9	23	14	36	5	1.5
AW1020SS	10	0.7	1.6	6.1	0.4	11	18	1.2	2.1	7.9	0.5	14	30	2.1	2.3	8.7	0.7	20	38	2.6	2.6	9.8	0.8	23	55	3.8	3.1	11.7	1.1	31	34	2.3	3.0	2.1	10	25	12	28	15	38	6	1.8									
AW1030SS	12	0.8	1.5	5.7	0.4	11	22	1.5	1.9	7.2	0.6	17	36	2.5	1.9	7.2	0.8	23	46	3.2	2.1	7.9	1.0	28	65	4.5	2.5	9.5	1.3	37	42	29.0	10.7	10	0.7	10	0.7	25	12	30	16	41	9	2.7							
AW1040SS	14	1.0	1.3	4.9	0.5	14	26	1.8	1.6	6.1	0.7	20	40	2.8	1.6	6.1	0.9	25	50	3.4	1.9	7.2	1.1	31	75	5.2	2.1	7.9	1.5	42	60	4.1	6.0	4.1	10	25	12	30	16	41	12	3.7									
AW1010SS	12	0.8	2.8	10.6	1.7	48	22	1.5	4.0	15.1	2.3	65	30	2.1	5.4	20.4	2.5	71	38	2.6	6.4	24.2	2.9	82	54	3.7	8.5	32.2	3.5	99	12	0.8	10	0.7	10	0.7	25	12	33	17	43	9	2.7								
AW1020SS	14	1.0	1.6	6.1	2.0	57	24	1.7	3.1	11.7	2.5	71	34	2.3	3.8	14.4	3.2	91	44	3.0	4.4	16.7	3.9	110	58	4.0	7.0	26.5	4.1	116	14	1.7	20	1.4	11	28	13	33	18	46	11	3.4									
AW1030SS	14	1.0	1.6	6.1	2.0	57	26	1.8	2.0	7.6	2.9	82	38	2.6	1.8	6.8	4.0	113	48	3.3	2.6	9.8	4.6	130	65	4.5	5.4	20.4	5.2	147	12	0.8	10	0.7	10	0.7	25	12	33	18	46	11	3.4								
AW1040SS	14	1.0	2.2	8.3	1.9	54	24	1.7	4.5	17.0	2.5	71	38	2.6	2.4	9.1	3.8	108	48	3.3	3.7	14.0	4.2	119	70	4.8	5.0	18.9	5.6	159	14	1.0	1.2	1.4	11	28	14	36	19	48	15	4.6									
AW1010SS	10	0.7	6.8	25.7	1.1	31	20	1.4	8.5	32.2	1.5	42	30	2.1	9.0	34.1	2.0	57	40	2.8	10.0	37.9	2.6	74	56	3.9	15.0	56.8	2.9	82	12	0.8	10	0.7	10	0.7	25	12	33	18	46	9	2.7								
AW1020SS	12	0.8	4.5	17.0	1.4	40	22	1.5	6.0	22.7	1.9	54	34	2.3	5.8	22.0	2.8	79	44	3.0	7.0	26.5	3.4	96	60	4.1	12.0	45.4	3.5	99	14	1.2	1.4	11	28	14	36	18	46	13	4.0										
AW1030SS	14	1.0	2.2	8.3	1.9	54	24	1.7	4.5	17.0	2.5	71	38	2.6	2.4	9.1	3.8	108	48	3.3	3.7	14.0	4.2	119	70	4.8	5.0	18.9	5.6	159	14	1.0	1.2	1.4	11	28	14	36	19	48	15	4.6									
AW1040SS	24	1.7	6.0	22.7	5.4	153	38	2.6	9.3	35.2	7.7	218	48	3.3	15.5	58.7	8.4	238	60	4.1	19.3	73.1	10.3	292	85	5.9	24.0	91.1	13.8	391	18	1.5	1.0	1.0	10	10	10	10	10	10	10	10	10	10	10	10					
AW1010SS	28	1.9	4.0	15.1	6.1	173	44	3.0	5.5	20.8	9.1	258	56	3.9	9.0	34.1	10.6	300	70	4.8	12.0	45.4	12.8	362	90	6.2	21.3	80.6	15.2	430	19	1.5	1.0	1.0	10	10	10	10	10	10	10	10	10	10	10	10	10				
AW1020SS	30	2.1	2.5	9.5	6.7	190	48	3.3	3.5	13.2	10.0	283	62	4.3	6.0	22.7	12.1	343	80	5.5	6.5	24.6	14.7	416	90	6.5	6.5	18.7	50.1	16.5	467	20	1.5	1.0	1.0	10	10	10	10	10	10	10	10	10	10	10	10	10			
AW1030SS	32	2.2	2.0	7.6	7.3	207	52	3.6	1.9	7.2	10.8	306	70	4.8	2.8	10.6	13.4	379	90	6.2	2.8	10.6	17.2	487	100	6.9	15.8	59.8	17.3	490	21	1.5	1.0	1.0	10	10	10	10	10	10	10	10	10	10	10	10	10				



Atomizing Nozzles

Internal Mix Flat Fan Pattern - 1/4 NPT



Model AF1010SS, AF1020SS, AF1030SS, AF1040SS, and AF1050SS

1/4 NPT internal mix flat fan pattern atomizing nozzles are designed with efficiency in mind. Especially good for vertical or horizontal assembly lines, their broad thin pattern makes efficient use of your expensive liquids. Their output can be adjusted for a very light film or a heavy coat of whatever liquid you're working with. Whether it's applying paint to hanging sheet metal, or using a water mist to cool a laminate web, flat fan atomizing nozzles cover a wide flat area, ideal for products moving on a conveyor.

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



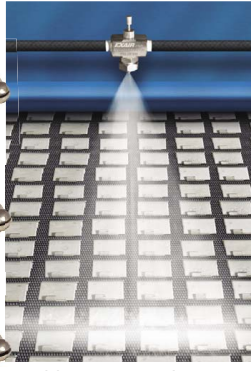
Model: AF1010SS
Material: Type 303 Stainless Steel

Model: AF1020SS
Material: Type 303 Stainless Steel

Model: AF1030SS
Material: Type 303 Stainless Steel

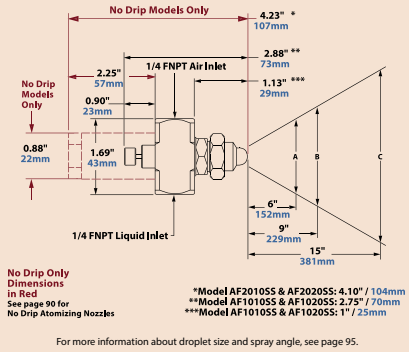
Model: AF1040SS
Material: Type 303 Stainless Steel

Model: AF1050SS
Material: Type 303 Stainless Steel



A Model AF1030SS is used to spray an anti-corrosion coating on stamped steel parts as they travel on a conveyor.

Dimensions and Airflow Pattern



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 PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Pressure Air PSI/ BAR	Liquid Liquid PSI/ BAR	Width A in cm	B in cm	C in cm	Max. Depth feet/m																											
	AF1010SS	10	0.7	1.6	6.1	0.7	20	18	1.2	2.1	7.9	1.0	28	28	1.9	2.4	9.1	1.4	4.0	38	2.6	2.6	9.8	1.7	48	55	3.8	3.2	12.1	2.2	6.2	16	11.0	0.7	9	23	12	30	15	38	5	1.5						
AF1020SS	14	1.0	1.4	5.3	0.9	25	26	1.8	1.7	6.4	1.3	37	40	2.8	1.4	5.3	2.1	5.9	50	3.4	2.0	7.6	2.1	59	75	5.2	2.3	8.7	3.0	8.5	20	28	20	14	11	28	13	33	17	43	6	1.8						
AF1030SS	18	1.2	1.1	4.2	1.1	31	34	2.3	1.2	4.5	1.7	48	48	3.3	1.4	5.3	2.1	5.9	60	4.1	1.6	6.1	2.5	7.1	90	6.2	1.6	6.1	3.6	10.2	50	38	30	21	12	30	14	36	20	51	6	1.8						
AF1040SS	22	1.5	0.8	3.0	1.3	37	40	2.8	0.8	3.0	1.9	54	55	3.8	1.0	3.8	2.4	6.8	70	4.8	1.2	4.5	3.0	8.5	100	6.9	1.3	4.9	4.1	11.6	85	59	60	41	14	36	17	43	23	58	7	2.1						
AF1050SS	12	0.8	2.4	9.1	0.7	20	20	1.4	3.4	10.9	0.9	25	30	2.1	3.9	14.8	1.2	3.4	38	2.6	4.6	17.4	1.4	3.0	60	6.5	4.5	4.7	17.8	2.2	6.2	66	11.9	10.7	11	28	14	36	19	48	5	1.5						
AF1010SS	16	1.1	1.8	6.8	0.9	25	28	1.9	2.4	9.1	1.2	34	38	2.6	2.9	11.0	1.5	4.2	50	3.4	3.2	12.1	1.9	5.4	75	5.2	3.7	14.0	2.6	7.4	40	29	20	14	14	36	17	43	21	53	6	1.8						
AF1020SS	18	1.2	1.5	5.7	1.0	28	32	2.2	1.8	6.8	1.5	42	46	3.2	2.0	7.6	1.9	5.4	60	4.1	2.2	8.3	2.3	6.5	85	5.9	2.8	10.6	3.0	8.5	50	34	40	2.8	16	41	19	48	26	66	7	2.1						
AF1030SS	20	1.4	1.3	4.9	1.1	31	36	2.5	1.4	5.3	1.7	48	50	3.4	1.6	6.1	2.1	5.9	70	4.8	1.4	5.3	2.8	7.9	95	6.6	2.1	7.9	3.6	10.2	80	55	60	41	16	41	21	53	29	74	8	2.4						
AF1040SS	16	1.1	4.5	17.0	2.0	57	28	1.9	6.0	22.7	2.8	79	38	2.6	7.0	26.5	3.5	9.9	46	3.2	8.5	32.2	4.0	11.3	65	5.8	11.0	41.6	5.3	15.0	32	24	20	14	15	38	17	43	23	58	11	3.4						
AF1050SS	20	1.4	3.3	12.5	2.4	68	32	2.2	5.0	18.9	3.1	88	48	3.3	6.3	23.8	4.1	11.6	52	3.6	7.5	28.4	4.5	12.7	60	4.1	7.9	29.9	4.8	13.6	90	6.2	8.5	32.2	6.8	19.3	56	39	40	2.8	20	51	25	64	33	84	14	4.3
AF1010SS	24	1.7	2.4	9.1	2.7	76	34	2.4	4.5	17.0	3.3	99	46	3.2	5.5	20.8	4.1	11.6	58	4.0	6.3	23.8	4.9	13.9	80	6.0	5.4	20.3	6.4	18.1	75	52	60	41	20	51	26	66	35	89	15	4.6						
AF1020SS	28	1.9	1.5	5.7	3.1	88	36	2.5	3.9	14.8	3.5	99	48	3.3	5.1	19.3	4.4	12.5	60	4.1	6.2	22.7	5.2	14.7	90	6.2	6.4	24.2	7.2	20.4	80	55	62	42	17	43	23	58	19	48	5	1.5						
AF1030SS	12	0.8	8.1	30.7	1.4	40	22	1.5	12.0	45.4	1.9	54	34	2.3	13.1	49.6	2.7	7.6	46	3.2	14.3	54.1	3.4	9.6	65	4.5	18.3	69.3	4.5	12.7	16	11.0	10.7	14	36	18	46	24	61	10	3.0							
AF1040SS	16	1.1	5.9	22.3	1.8	51	30	2.1	7.1	26.9	2.7	76	42	2.9	8.9	33.7	3.4	9.6	54	3.7	10.3	39.0	4.1	11.6	80	5.5	11.9	45.0	5.9	16.7	46	32	30	21	16	41	21	53	29	74	12	3.7						
AF1050SS	18	1.2	5.0	18.9	2.0	57	34	2.3	5.6	21.2	3.1	88	48	3.3	6.3	23.8	4.1	11.6	60	4.1	7.9	29.9	4.8	13.6	90	6.2	8.5	32.2	6.8	19.3	56	39	40	2.8	20	51	25	64	33	84	14	4.3						
AF1010SS	22	1.5	3.3	12.5	2.4	68	38	2.6	4.1	15.5	3.5	99	52	3.6	5.0	18.9	4.5	12.7	70	4.8	4.6	17.4	5.8	16.4	100	6.0	6.2	22.7	7.9	22.4	85	59	60	41	21	53	29	74	12	3.7								
AF1020SS	24	1.8	8.3	33.3	3.0	85	26	1.8	11.5	43.5	4.3	122	34	2.3	20.8	78.7	4.6	13.0	42	2.9	30.0	114	4.8	13.6	58	4.0	6.9	40.2	15.9	5.5	15.6	16	11.0	10.7	14	36	18	46	24	61	10	3.0						
AF1030SS	16	1.1	5.3	20.1	3.7	105	28	1.9	7.8	29.5	4.9	139	36	2.5	17.0	64.3	4.9	13.9	46	3.2	20.5	77.6	6.1	17.3	65	4.5	30.0	114	6.8	19.3	28	1.6	20	14	36	19	48	21	54	25	64	16	4.9					
AF1040SS	20	1.4	2.8	9.0	3.4	116	40	2.4	3.0	13.5	5.1	173	50	3.4	13.5	51.1	7.3	20.7	80	4.8	21.0	79.5	8.7	24.6	100	6.8	21.0	79.5	8.7	24.6	48	33	40	2.8	17	43	20	51	27	69	18	5.5						
AF1050SS	24	1.8	4.0	15.3	4.1	125	42	2.9	6.3	23.8	7.0	193	54	3.7	7.5	28.4	8.4	23.8	80	5.5	8.5	32.2	11.2	31.7	120	8.3	4.0	28	17	43	21	53	29	74	18	5.8												

Atomizing Nozzles

Internal Mix Deflected Flat Fan Pattern - 1/4 NPT



Model: AD101055
Material: Type 303 Stainless Steel



A Model AD101055 is used to apply a protective coating to wood panels.

Model AD101055

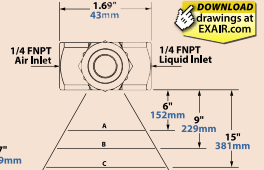
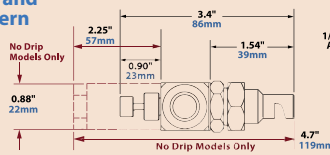
1/4 NPT internal mix deflected flat fan nozzles are designed for applications where space is at a premium. The flat fan pattern sprays at a right angle to the nozzle's orientation, allowing spray to be placed precisely where it's needed in close quarters. These nozzles are ideal for coating the inside of enclosures and ductwork.

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

Dimensions and Airflow Pattern

No Drip Dimensions In Red
See page 90 for No Drip Atomizing Nozzles

For more information about droplet size and spray angle, see page 95.



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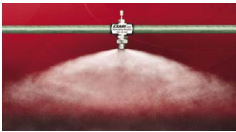
Spray Nozzles

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 PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/ LPH	SCFM/ SLPM	Pressure Air PSI/BAR	Width Liquid in cm	Max. Depth in cm																								
AD101055	6	0.4	3.0	11.5	1.4	4.1	14	1.0	4.0	15.1	2.3	6.6	22	1.5	4.6	17.6	3.2	9.0	26	1.8	5.7	21.4	3.5	9.8	38	2.6	6.9	26.0	4.7	13.3	12	0.8	10	0.7	9	23	14	36	16	41	26	91
	8	0.6	2.7	10.1	1.8	5.0	18	1.2	3.3	12.4	2.9	8.2	26	1.8	4.1	15.4	3.7	10.5	32	2.2	4.9	18.6	4.3	12.1	54	3.7	5.3	20.1	6.6	18.8	22	1.5	20	1.4	11	28	13	33	16	41	42	107
	10	0.7	2.2	8.3	2.1	5.9	20	1.4	2.9	11.0	3.2	9.1	30	2.1	3.4	12.9	4.3	12.2	38	2.6	4.2	15.7	5.1	14.4	62	4.3	4.6	17.3	7.8	22.1	34	2.3	30	2.1	8	20	12	30	16	41	45	114
	12	0.8	1.8	6.9	2.4	6.9	22	1.5	2.3	8.9	3.6	10.1	34	2.3	2.8	10.4	5.0	14.0	46	3.2	2.7	10.3	6.3	18.0	70	4.8	3.1	11.9	9.1	25.8	46	3.2	40	2.8	9	23	12	30	15	38	48	122
																															70	4.8	60	4.1	12	30	15	38	18	46	42	107

Internal Mix 360° Hollow Circular Pattern - 1/4 NPT



Model: AT101055
Material: Type 303 Stainless Steel



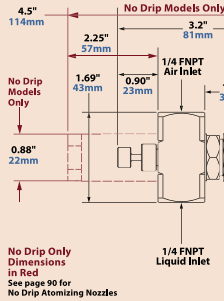
This 360° circular pattern nozzle can be used to coat inside diameters or cover a broad area of over 4' (1219mm).

Model AT101055

1/4 NPT internal mix 360° nozzles are designed for applications where the spray pattern must be oriented away from the nozzle in all directions. 360° nozzles are ideal where a smooth, even coating is needed on the ID of pipe or similar ductwork. They also work great for operations where a mist over a broad area is needed, such as dust suppression, humidification and cooling.

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

Dimensions and Airflow Pattern



No Drip Only Dimensions in Red
See page 90 for No Drip Atomizing Nozzles

For more information about droplet size and spray angle, see page 95.

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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 PSI/BAR	GPH/LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/ SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/ SLPM	Pressure Air PSI/BAR	Diameter in cm																				
AT101055	20	1.4	4.5	16.8	4.3	12.1	34	2.3	7.3	27.5	6.4	18.2	50	3.4	8.1	30.6	8.9	25.1	60	4.1	11.5	43.5	10.0	28.3	85	5.9	14.7	55.7	13.3	37.6	20	1.4	10	0.7	0.6	36	91
	24	1.7	2.6	9.7	5.3	15.0	38	2.6	5.2	19.6	7.3	20.6	56	3.9	5.4	20.3	10.0	28.5	70	4.8	7.1	26.8	11.8	33.5	90	6.2	12.7	47.9	14.1	39.8	34	2.3	20	1.4	39	99	
	26	1.8	2.0	7.5	5.7	16.2	42	2.9	3.6	13.5	8.2	23.1	60	4.1	4.2	15.7	10.7	30.3	80	5.5	4.1	15.4	13.5	38.3	95	6.6	10.6	40.2	14.9	42.3	30	3.4	30	2.1	44	112	
	28	1.9	1.6	5.9	6.2	17.6	48	3.3	2.1	7.8	9.3	26.4	70	4.8	2.0	7.4	12.6	35.6	90	6.2	2.0	7.7	15.5	43.9	100	6.9	8.9	33.7	15.8	44.9	60	4.1	40	2.8	49	124	
																									85	5.9	60	4.1	53	135							

For Technical Assistance, Call An EXAIR Application Engineer 1-800-903-9247
Toll Free FAX (866) 329-3924 • E-mail: techhelp@exair.com • www.exair.com

Atomizing Nozzles

Internal Mix Narrow Angle Round Pattern - 1/2 NPT

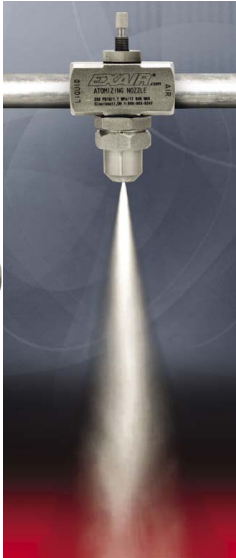
Model AN5010SS and AN5020SS

1/2 NPT internal mix narrow angle round pattern nozzles are excellent for spraying a concentrated mist of liquid. Because of the versatility of their adjustments, these larger atomizing nozzles can apply a heavy coat up close or send a very fine mist over 40 feet away! They are often used for higher volume application of lubricants during assembly, or marking items as they move through an assembly line.

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

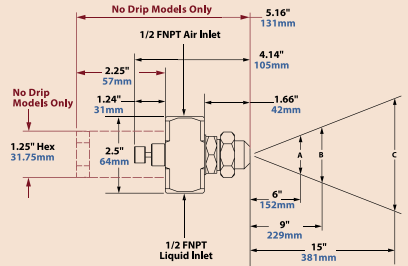


Model: AN5010SS
Material: Type 303 Stainless Steel



Model: AN5020SS
Material: Type 303 Stainless Steel

Dimensions and Airflow Pattern



No Drip Only Dimensions in Red
See page 90 for No Drip Atomizing Nozzles

For more information about droplet size and spray angle, see page 95.

For more information about droplet size and spray angle see page 95.

With adjustable liquid flow, these nozzles can be used to apply a heavy coat or a precise volume of liquid.

Model	Pressure		Width			Max. Depth feet/m						
	Air PSI/BAR	Liquid PSI/BAR	A cm	B cm	C cm							
	20	1.4	5	0.3				22	6.7			
AN5010SS	36	2.5	15	1.0			30	9.1				
	50	3.4	25	1.7	3.5	9	5.75	14.6	8.5	22	34	10.4
	60	4.1	35	2.4							37	11.3
AN5020SS	10	0.7	5	0.3	4	10	6	15.2	8.5	22	20	6.1
	32	2.2	25	1.7	5.5	14	7.5	19.1	10	25	27	8.2
	44	3.0	35	2.4	6	15	9	22.9	10.5	27	35	10.7
	64	4.4	55	3.8	6	15	9	22.9	10.5	27	42	12.8

Model	5 PSI/0.3 BAR Liquid			15 PSI/1.0 BAR Liquid			25 PSI/1.7 BAR Liquid			35 PSI/2.4 BAR Liquid			55 PSI/3.8 BAR Liquid																		
	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM																
AN5010SS	18	1.2	9	34.1	12	339.8	28	1.9	27	102.2	14.5	411	38	2.6	51.6	195.3	16.4	464	48	3.3	75.6	286	18.4	521	---	---	---	---	---	---	
	20	1.4	7	26.5	12.8	362.5	32	2.2	20	75.7	16.2	459	44	3.0	32.4	122.6	19.5	552	60	4.1	36.6	139	25.3	716	---	---	---	---	---	---	---
	22	1.5	6	22.7	13.6	385.2	38	2.6	20	75.7	19	538	54	3.7	22	83.3	24.3	688	72	5.0	21.6	82	31.0	878	---	---	---	---	---	---	---
	24	1.7	4.5	17.0	14.5	410.6	42	2.9	12.5	47.3	20.4	578	60	4.1	18	68.1	26.9	762	78	5.4	16.8	64	33.7	954	---	---	---	---	---	---	---
AN5020SS	10	0.7	30	113.6	13.7	388.0	18	1.2	98.4	372.4	15.6	442	26	1.8	159	601.8	17.6	498	36	2.5	183	693	20.0	566	54	3.7	231	874.3	26.0	736	
	12	0.8	18.6	70.4	16.2	458.8	20	1.4	73.2	277.1	17.9	507	32	2.2	99	374.7	23.7	671	42	2.9	126	477	26.1	739	60	4.1	168	635.9	33.4	946	
	---	---	---	---	---	---	22	1.5	63.6	240.7	20.3	575	36	2.5	75	283.9	28.6	810	46	3.2	96	363	31.0	878	72	5.0	76	287.7	47.2	1337	
	---	---	---	---	---	---	24	1.7	52.8	199.8	22.6	640	40	2.8	57.6	218.0	33.0	935	52	3.6	71	269	37.7	1068	76	5.2	54	204.4	51.3	1453	

Atomizing Nozzles

Internal Mix Flat Fan Pattern - 1/2 NPT



Model: AF5010SS
Material: Type 303 Stainless Steel

Model AF5010SS and AF5020SS

1/2 NPT internal mix flat fan pattern atomizing nozzles are designed with efficiency in mind. Especially good for vertical or horizontal assembly lines, the broad thin pattern of these larger atomizing nozzles makes efficient use of your expensive liquids. Their output can be adjusted for a very light film or a heavy coat of atomized liquid. Whether it's applying paint to hanging sheet metal, or using a water mist to cool a laminate web, flat fan atomizing nozzles cover a wide flat area, ideal for products moving on a conveyor.

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

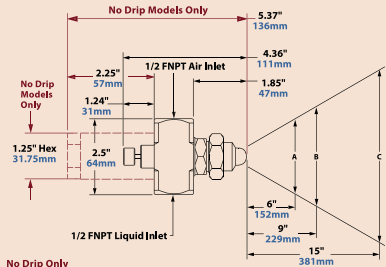


Use the adjustable liquid valve to apply just the right amount of liquid upon your application.



Model: AF5020SS
Material: Type 303 Stainless Steel

Dimensions and Airflow Pattern



No Drip Only Dimensions
In Red
See page 96 for
No Drip Atomizing
Nozzles

For more information about droplet size and spray angle, see page 95.

Need Help Choosing The Best Atomizing Nozzle For Your Application?

Not sure which atomizing nozzle is required?

Our Application Engineers can assist you in determining the correct model.

Call 1-800-903-9247 to speak with an Application Engineer.

Spray Dimensions

Model	Pressure		Width						Max. Depth feet/m			
	Air PSI/ BAR	Liquid PSI/ BAR	A			B						
			in	cm	in	cm	in	cm				
AF5010SS	20	1.4	10	0.7	25	64	34	86	45	114	14	4.3
	40	2.8	20	1.4	28	71	36	91	46	117	18	5.5
	50	3.4	25	1.7	29	74	38	97	48	122	22	6.7
	70	4.8	40	2.8	32	81	42	107	51	130	27	8.2
AF5020SS	10	0.7	5	0.3	21	53	27	69	36	91	13	4.0
	20	1.4	15	1.0	34	86	42	107	52	132	15	4.6
	44	3.0	35	2.4	39	99	47	119	64	163	19	5.8
	64	4.4	55	3.8	40	102	50	127	68	173	20	6.1

Model	5 PSI/0.3 BAR Liquid					15 PSI/1.0 BAR Liquid					25 PSI/1.7 BAR Liquid					35 PSI/2.4 BAR Liquid					55 PSI/3.8 BAR Liquid									
	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/ BAR	GPH/LPH	SCFM/SLPM									
AF5010SS	---	---	---	---	---	28	1.9	33.6	127	23.4	663	44	3.0	38.4	145	32.4	918	58	4.0	46.2	175	40.3	1141	---	---	---	---	---		
	---	---	---	---	---	30	2.1	25.2	95	25.3	716	48	3.3	35.8	136	36.2	1025	62	4.3	34.8	132	43.5	1232	---	---	---	---	---		
	---	---	---	---	---	34	2.3	12.6	48	28.7	813	50	3.4	18	68	38.0	1076	65	4.5	25.2	95	46.0	1303	---	---	---	---	---		
	---	---	---	---	---	36	2.5	11.5	44	31.2	884	60	4.1	3.5	13	46.0	1303	70	4.8	16.2	61	49.7	1408	---	---	---	---	---		
AF5020SS	10	0.69	18	68	18.0	510	18	1.2	87.6	332	15.6	442	26	1.8	150	568	17.9	507	36	2.5	177	670	22.3	632	54	3.7	231	874	29.3	830
	12	0.83	6	23	6.0	170	20	1.4	62.4	236	18.4	521	30	2.1	99	375	22.3	632	40	2.8	132	500	26.6	753	60	4.1	186	704	35.6	1008
	---	---	---	---	---	22	1.5	45.6	173	20.6	583	36	2.5	50.4	191	29.9	847	46	3.2	76.8	291	34.4	974	68	4.7	108	409	44.4	1257	
	---	---	---	---	---	24	1.7	30.6	116	23.3	660	40	2.8	26.4	100	35.2	997	52	3.6	38.4	145	41.5	1175	76	5.2	66	250	53.13	1505	

Internal Mix 360° Hollow Circular Pattern - 1/2 NPT



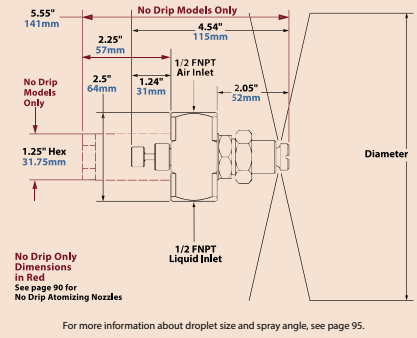
Model: AT510155
Material: Type 303 Stainless Steel

Model AT510155

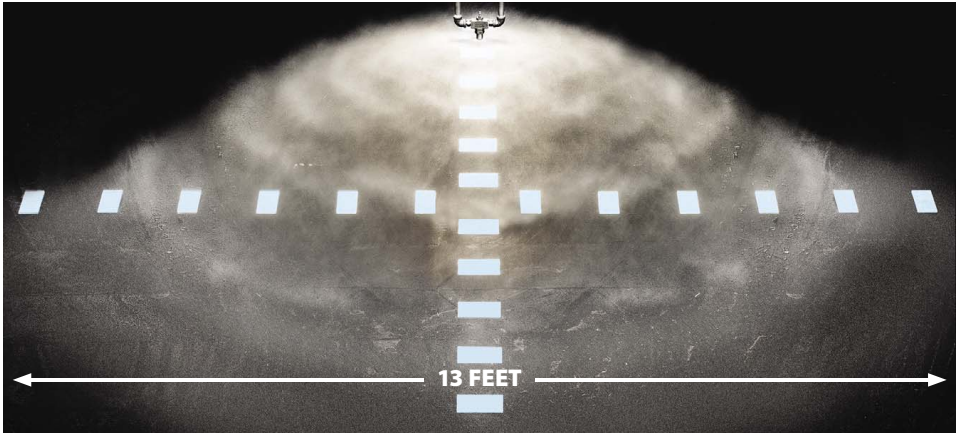
1/2 NPT internal mix 360° nozzles are designed for applications where the spray pattern must be oriented away from the nozzle in all directions. These larger 360° nozzles are ideal where a smooth, even coating is needed on the ID of pipe or similar ductwork. They also work great for operations where a mist over a broad area is needed, such as dust suppression, humidification and cooling.

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

Dimensions and Airflow Pattern



Spray Nozzles



360° circular pattern nozzles can be used to coat inside diameters or cover a broad area up to 13' (4m).

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 PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Air Pressure PSI/BAR	GPH/LPH	SCFM/SLPM	Pressure		Diameter																		
	Air PSI/BAR	Liquid PSI/BAR	in	cm																																
AT510155	14	1.0	54	204	13.7	388	24	1.7	100	379	17.3	490	36	2.5	114	431	23.7	671	48	3.3	132	500	29.6	838	72	5.0	150	568	41.5	1175	16	1.1	10	0.7	56	142
	16	1.1	33.6	127	16.3	462	28	1.9	66	250	21.8	617	40	2.8	83	314	28.0	793	54	3.7	85	322	36.2	1025	76	5.2	120	454	45.6	1291	42	2.9	30	2.1	112	284
	18	1.2	16.8	64	18.5	524	32	2.2	32.5	123	26.7	756	46	3.2	38.4	145	34.6	980	60	4.1	42	159	42.7	1209	78	5.4	108	409	47.9	1357	56	3.9	40	2.8	144	366
	20	1.4	10.8	41	20.0	566	36	2.5	12	45	30.8	872	50	3.4	14.4	55	39.1	1107	66	4.6	15.6	59	49.9	1413	82	5.7	84	318	51.5	1458	80	5.5	60	4.1	156	396