

External Mix Narrow Angle Flat Fan Pattern - 1/8 NPT



Model: EF8010SS
Material: Type 303 Stainless Steel

Model: EF8020SS
Material: Type 303 Stainless Steel

Model: EF8030SS
Material: Type 303 Stainless Steel

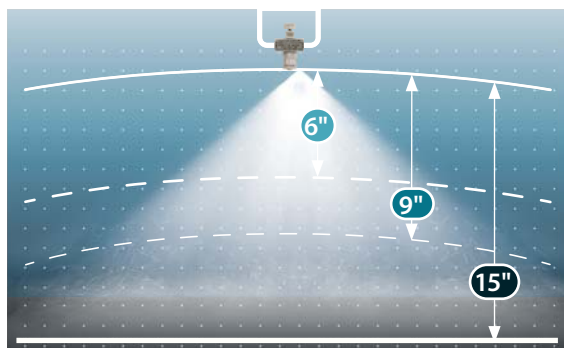
Model: EF8040SS
Material: Type 303 Stainless Steel

Model: EF8050SS
Material: Type 303 Stainless Steel

Model EF8010SS, EF8020SS, EF8030SS, EF8040SS and EF8050SS

1/8 NPT external mix narrow angle flat fan pattern nozzles are great where liquid is needed over a more concentrated area than the internal mix flat fan nozzles. Since they are external mix, airflow and liquid flow can be controlled independently. External mix flat fan pattern nozzles are the best choice where thicker liquids for a heavier coating are needed over a narrow band, such as a paint line.

For pressure fed applications with independent air and liquid control



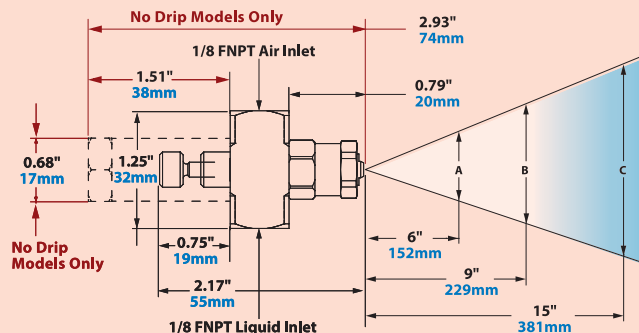
1/8 NPT External Mix Flat Fan atomizing nozzles are very versatile. They can apply a light or heavy film coating to products on a variety of different products.



Model EF8010SS applies lubricant to a drawer slide.

Dimensions and Airflow Pattern

DOWNLOAD drawings at EXAIR.com



No Drip Dimensions In Red
See page 93 for No Drip Atomizing 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				Spray Dimensions																			
	Air Pressure PSI/BAR		GPH/LPH		Air Pressure PSI/BAR		GPH/LPH		Air Pressure PSI/BAR		GPH/LPH		Air Pressure PSI/BAR		GPH/LPH		Pressure		Width			Max. Depth feet/m														
	PSI	BAR			PSI	BAR			PSI	BAR			PSI	BAR			Air PSI/BAR	Liquid PSI/BAR	A	B	C															
EF8010SS	10	0.7	1.22	4.6	1.20	34.0	1.64	6.2	1.20	34.0	1.82	6.9	1.20	34.0	2.00	7.6	1.20	34.0	10	0.7	4	10	5	13	4	10	4	1.2								
	30	2.1			2.29	64.8			30	2.1			2.29	64.8			30	2.1	2.29	64.8	30	2.1	2.29	64.8	30	2.1	2.1	1.4	4	10	5	13	6	15	6	1.8
	50	3.4			3.41	96.5			50	3.4			3.41	96.5			50	3.4	3.41	96.5	50	3.4	3.41	96.5	50	3.4	3.0	2.1	4	10	5	13	6	15	6	1.8
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EF8020SS	10	0.7	2.00	7.6	1.20	34.0	2.56	9.7	1.20	34.0	2.67	10.1	1.20	34.0	2.93	11.1	1.20	34.0	10	0.7	10	0.7	3	8	4.5	11	4	10	4	1.2						
	30	2.1			2.29	64.8			30	2.1			2.29	64.8			30	2.1	2.29	64.8	30	2.1	2.29	64.8	30	2.1	2.1	1.4	3	8	4.5	11	6	15	6	1.8
	50	3.4			3.41	96.5			50	3.4			3.41	96.5			50	3.4	3.41	96.5	50	3.4	3.41	96.5	50	3.4	3.0	2.1	3	8	4.5	11	7	18	7	2.1
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EF8030SS	10	0.7	4.47	16.9	1.20	34.0	5.60	21.2	1.20	34.0	6.30	23.8	1.20	34.0	7.67	29.0	1.20	34.0	10	0.7	10	0.7	4	10	5	13	5	13	5	1.5						
	30	2.1			2.29	64.8			30	2.1			2.29	64.8			30	2.1	2.29	64.8	30	2.1	2.29	64.8	30	2.1	2.1	1.4	4	10	5	13	7	18	7	2.1
	50	3.4			3.41	96.5			50	3.4			3.41	96.5			50	3.4	3.41	96.5	50	3.4	3.41	96.5	50	3.4	3.0	2.1	4	10	5	13	8	20	8	2.4
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EF8040SS	20	1.4	8.67	32.8	1.95	55.2	10.75	40.7	1.95	55.2	13.00	49.2	1.95	55.2	14.42	54.6	1.95	55.2	20	1.4	10	0.7	5.5	14	7	18	7	18	7	2.1						
	30	2.1			2.50	70.8			30	2.1			2.50	70.8			30	2.1	2.50	70.8	30	2.1	2.50	70.8	30	2.1	2.1	1.4	5.5	14	7	18	9	23	9	2.7
	40	2.8			3.13	88.6			40	2.8			3.13	88.6			40	2.8	3.13	88.6	40	2.8	3.13	88.6	40	2.8	3.0	2.1	5.5	14	7	18	10	25	10	3.0
	50	3.4			3.68	104.2			50	3.4			3.68	104.2			50	3.4	3.68	104.2	50	3.4	3.68	104.2	50	3.4	4.0	2.8	5.5	14	7	18	11	28	11	3.4
EF8050SS	30	2.1	12.6	47.7	2.28	64.5	16.6	62.8	2.28	64.5	20.17	76.4	2.28	64.5	25.00	94.6	2.28	64.5	30	2.1	10	0.7	7	18	9	23	9	23	9	2.7						
	40	2.8			2.84	80.4			40	2.8			2.84	80.4			40	2.8	2.84	80.4	40	2.8	2.84	80.4	40	2.8	2.1	1.4	7	18	9	23	10	25	10	3.0
	60	4.1			3.87	109.6			60	4.1			3.87	109.6			60	4.1	3.87	109.6	60	4.1	3.87	110	70	4.8	4.0	2.8	7	18	9	23	12	30	12	3.7
	70	4.8			4.45	126.0			70	4.8			4.45	126.0			70	4.8	4.45	126.0	70	4.8	4.45	126												