

Liquid Atomizing Spray Nozzles

OmniStream™ Cone Nozzles - 3/8 NPT



Model: FL3011SS
Material: Type 303 Stainless Steel

Model: FL3013SS
Material: Type 303 Stainless Steel

Model: FL3016SS
Material: Type 303 Stainless Steel

Model: FL3020SS
Material: Type 303 Stainless Steel

Model: FL3023SS
Material: Type 303 Stainless Steel

Model: FL3026SS
Material: Type 303 Stainless Steel

Model: FL3029SS
Material: Type 303 Stainless Steel

Compared to EXAIR's
Air Atomizing Spray Nozzles
the OmniStream will have
higher liquid flow rates.

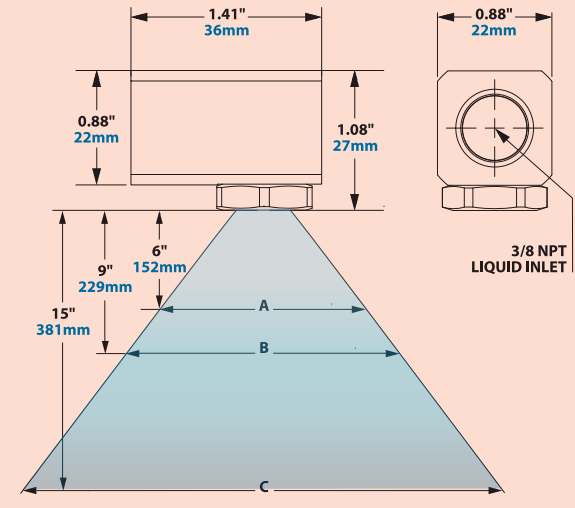
For maximum liquid
conservation and spray
control visit Air Atomizing
Nozzles on page 70.

Model FL3011SS, FL3013SS, FL3016SS, FL3020SS, FL3023SS, FL3026SS and FL3029SS

EXAIR's 3/8 NPT OmniStream Cone Nozzles, with a full cone spray pattern, are among the most common type of spray nozzles. Full cone spray nozzles are applied to solve cooling, cleaning, washing, rinsing and dust suppression applications throughout industry. Their tangential flow design is vaneless, which creates wide open internal features to resist clogging. This produces a uniform distribution in a full cone round pattern and medium to large droplets. Their right-angle design is compact and operates at up to 250 PSI liquid pressure. OmniStream nozzles also work well with liquids containing particulate.

Dimensions and Spray Pattern

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drawings at
EXAIR.com



3/8 NPT OmniStream Cone Nozzle washing the inside of a 55 gallon drum.

OmniStream Cone Nozzles											Spray Angle									
Inlet Connection	Model	Capacity	Max Free Passage	Flow Rate GPM/LPM							Inlet		Width							
					3 PSI	5 PSI	7 PSI	10 PSI	20 PSI	40 PSI			60 PSI	Pressure PSI/BAR	A		B			C
3/8 NPT	FL3011SS	11	0.128"	GPM	0.57	0.76	0.91	1.10	1.52	2.20	2.70	7	0.5	8.1	21	12.1	31	20.2	51	FL3011SS
				LPM	2.16	2.88	3.44	4.16	5.75	8.33	10.22	20	1.4	9.9	25	14.8	38	24.7	63	
	FL3013SS	13	0.144"	GPM	0.75	0.95	1.13	1.30	1.86	2.60	3.34	7	0.5	7.6	19	11.5	29	19.1	49	FL3013SS
				LPM	2.84	3.60	4.28	4.92	7.04	9.84	12.64	20	1.4	9.0	23	13.6	35	22.6	57	
	FL3016SS	16	0.154"	GPM	0.98	1.10	1.25	1.60	2.23	2.90	3.60	7	0.5	7.6	19	11.5	29	19.1	49	FL3016SS
				LPM	3.71	4.16	4.73	6.06	8.44	10.98	13.63	20	1.4	9.7	25	14.6	37	24.3	62	
	FL3020SS	20	0.172"	GPM	1.22	1.64	1.88	2.00	2.98	4.24	4.82	7	0.5	8.4	21	12.6	32	21.0	53	FL3020SS
				LPM	4.62	6.21	7.12	7.57	11.28	16.05	18.24	20	1.4	9.9	25	14.8	38	24.7	63	
	FL3023SS	23	0.189"	GPM	1.36	1.76	1.96	2.30	3.18	4.56	5.38	7	0.5	9.0	23	13.6	35	22.6	57	FL3023SS
				LPM	5.15	6.66	7.42	8.71	12.04	17.26	20.36	20	1.4	10.2	26	15.4	39	25.6	65	
	FL3026SS	26	0.204"	GPM	1.26	1.80	2.02	2.60	3.30	5.18	6.12	7	0.5	9.7	25	14.6	37	24.3	62	FL3026SS
				LPM	4.77	6.81	7.65	9.84	12.49	19.61	23.17	20	1.4	10.8	27	16.2	41	27.0	69	
	FL3029SS	29	0.221"	GPM	1.30	1.84	2.28	2.90	3.62	5.48	6.48	7	0.5	9.9	25	14.8	38	24.7	63	FL3029SS
				LPM	4.92	6.97	8.63	10.98	13.70	20.74	24.53	20	1.4	10.8	27	16.2	41	27.0	69	



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