

Liquid Atomizing Spray Nozzles



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HollowStream™ Cone Nozzles – 3/8 NPT



Model: HL3005SS
Material: Type 303 Stainless Steel

Model: HL3008SS
Material: Type 303 Stainless Steel

Model: HL3010SS
Material: Type 303 Stainless Steel

Model: HL3015SS
Material: Type 303 Stainless Steel

Model: HL3020SS
Material: Type 303 Stainless Steel

Model: HL3025SS
Material: Type 303 Stainless Steel

Model: HL3030SS
Material: Type 303 Stainless Steel

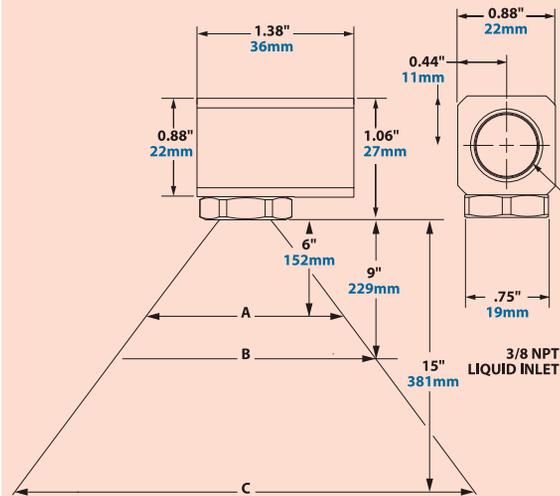
Compared to EXAIR's Air Atomizing Spray Nozzles the HollowStream will have higher liquid flow rates.

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

Model HL3005SS, HL3008SS, HL3010SS, HL3015SS, HL3020SS, HL3025SS and HL3030SS

EXAIR's 3/8 NPT HollowStream Cone Nozzles produce a ring of liquid upon your target and are among the most common type of spray nozzles. Hollow cone spray nozzles generally use less liquid than full cone spray nozzles. These nozzles will be used for cooling, cleaning, washing, rinsing and dust suppression with less liquid than a full cone nozzle. Their tangential flow design is vaneless which creates wide open internal features to resist clogging. They produce a uniform distribution in a hollow cone round pattern and medium to large droplets. The right-angle design is compact and operates at up to 250 PSI liquid pressure. HollowStream nozzles work well with liquids containing particulate.

Dimensions Spray Pattern



See page 98 for How the OmniStream and HollowStream Cone Nozzles Work.



3/8 NPT HollowStream nozzle lowers emissions inside of a gas scrubber.

HollowStream 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	30 PSI	40 PSI	60 PSI	Pressure PSI/BAR	A	B		C					
				GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	in	cm	in	cm	in	cm		
3/8 NPT	HL3005SS	5	0.111"	GPM	0.29	0.34	0.39	0.45	0.62	0.75	0.86	1.04	7	0.5	10.1	25.6	15.1	38.4	25.2	63.9	
				LPM	1.11	1.30	1.48	1.71	2.35	2.83	3.25	3.95	20	1.4	11.0	27.9	16.5	41.9	27.5	69.8	
	HL3008SS	8	0.159"	GPM	0.50	0.60	0.71	0.82	1.12	1.33	1.50	1.80	7	0.5	7.5	19.0	11.2	28.6	18.7	47.6	
				LPM	1.88	2.28	2.68	3.09	4.25	5.04	5.68	6.80	20	1.4	8.4	21.3	12.6	32.0	21.0	53.4	
	HL3010SS	10	0.172"	GPM	0.64	0.75	0.89	1.01	1.36	1.62	1.83	2.47	7	0.5	8.4	21.3	12.6	32.0	21.0	53.4	
				LPM	2.42	2.84	3.36	3.81	5.16	6.13	6.93	9.35	20	1.4	9.5	24.2	14.3	36.4	23.9	60.6	
	HL3015SS	15	0.166"	GPM	0.94	1.10	1.29	1.48	1.98	2.60	2.80	3.60	7	0.5	11.4	28.9	17.1	43.4	28.5	72.3	
				LPM	3.54	4.16	4.88	5.60	7.48	9.84	10.60	13.63	20	1.4	13.1	33.3	19.6	49.9	32.7	83.2	
	HL3020SS	20	0.203"	GPM	1.28	1.50	1.81	2.00	2.75	3.39	3.92	4.53	7	0.5	11.4	28.9	17.1	43.4	28.5	72.3	
				LPM	4.86	5.69	6.86	7.57	10.41	12.84	14.83	17.13	20	1.4	12.0	30.5	18.0	45.7	30.0	76.2	
	HL3025SS	25	0.219"	GPM	1.45	1.78	2.02	2.45	3.34	4.00	4.52	5.40	7	0.5	10.1	25.6	15.1	38.4	25.2	63.9	
				LPM	5.49	6.75	7.63	9.27	12.65	15.14	17.10	20.44	20	1.4	11.0	27.9	16.5	41.9	27.5	69.8	
	HL3030SS	30	0.281"	GPM	1.80	2.30	2.68	3.10	4.23	5.13	6.03	7.28	7	0.5	8.2	20.9	12.4	31.4	20.6	52.4	
				LPM	6.81	8.71	10.13	11.73	15.99	19.40	22.81	27.54	20	1.4	8.7	22.1	13.1	33.2	21.8	55.4	
					GPM									60	4.1	10.1	25.6	15.1	38.4	25.2	63.9



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