

Liquid Atomizing Spray Nozzles

HollowStream™ Cone Nozzles – 1/2 NPT



Model: HL5025SS
Material: Type 303 Stainless Steel

Model: HL5030SS
Material: Type 303 Stainless Steel

Model: HL5040SS
Material: Type 303 Stainless Steel

Model: HL5050SS
Material: Type 303 Stainless Steel

Model: HL5060SS
Material: Type 303 Stainless Steel

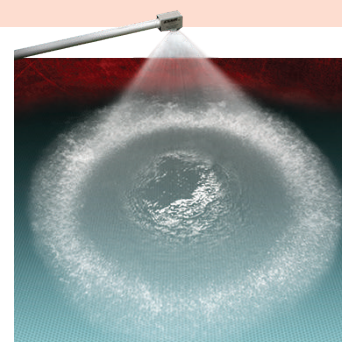
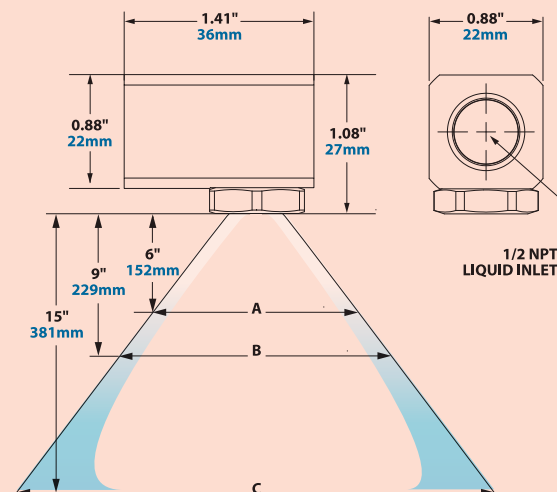
Model HL5025SS, HL5030SS, HL5040SS, HL5050SS, HL5060SS EXAIR's 1/2 NPT HollowStream Cone Nozzles produce a ring of liquid upon your target and are among the most common type of spray nozzles. Hollow cone spray nozzles generally use less liquid than full cone spray nozzles. These nozzles will be used 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.

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

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

Dimensions and Spray Pattern

DOWNLOAD drawings at EXAIR.com



The precision machining of the HollowStream nozzle produces a controlled spray angle in this rinsing operation.

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	
															in	cm	in	cm	in	cm	
1/2 NPT	HL5025SS	25	0.281"	GPM	1.60	1.90	2.40	2.50	3.70	4.40	4.80	6.00	7	0.5	6.9	17.6	10.4	26.4	17.3	44.0	HL5025SS
				LPM	6.06	7.19	9.08	9.46	14.01	16.66	18.17	22.71	20	1.4	7.5	19.0	11.2	28.6	18.7	47.6	
													60	4.1	8.4	21.3	12.6	32.0	21.0	53.4	
	HL5030SS	30	0.313"	GPM	1.90	2.20	2.50	3.00	4.20	5.00	5.60	7.00	7	0.5	8.4	21.3	12.6	32.0	21.0	53.4	HL5030SS
				LPM	7.19	8.33	9.46	11.36	15.90	18.93	21.20	26.50	20	1.4	9.0	23.0	13.6	34.5	22.6	57.4	
													60	4.1	10.1	25.6	15.1	38.4	25.2	63.9	
	HL5040SS	40	0.344"	GPM	2.40	2.80	3.20	3.90	5.20	6.20	6.80	8.20	7	0.5	10.8	27.4	16.2	41.2	27.0	68.6	HL5040SS
				LPM	9.08	10.60	12.11	14.76	19.68	23.47	25.74	31.04	20	1.4	12.0	30.5	18.0	45.7	30.0	76.2	
													60	4.1	12.9	32.7	19.3	49.0	32.2	81.7	
	HL5050SS	50	0.344"	GPM	3.20	3.80	4.60	5.00	6.80	7.90	9.00	12.50	7	0.5	13.8	35.1	20.7	52.6	34.5	87.7	HL5050SS
				LPM	12.11	14.38	17.41	18.93	25.74	29.90	34.07	47.32	20	1.4	14.3	36.3	21.5	54.5	35.8	90.8	
													60	4.1	15.4	39.0	23.0	58.5	38.4	97.5	
HL5060SS	60	0.344"	GPM	3.60	4.20	5.40	6.00	7.80	9.20	11.50	14.00	7	0.5	14.3	36.3	21.5	54.5	35.8	90.8	HL5060SS	
			LPM	13.63	15.90	20.44	22.71	29.53	34.83	43.53	53.00	20	1.4	17.1	43.5	25.7	65.3	43.8	111.4		
												60	4.1	18.5	46.9	27.7	70.4	46.2	117.3		