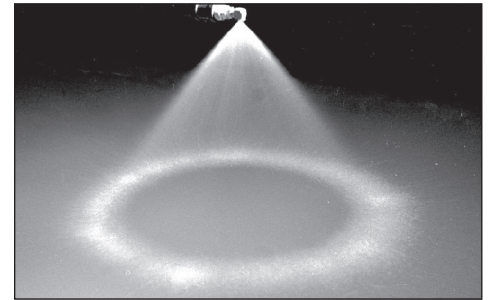
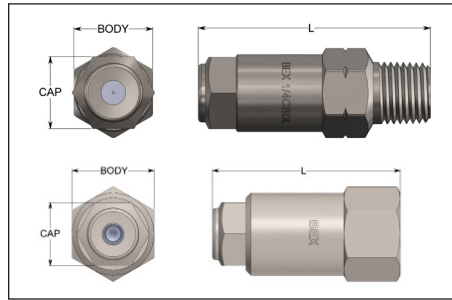




CL SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

CL series hydraulic atomizing nozzles are designed and precision machined to provide a very fine hollow-cone spray using only the liquid pressure for atomizing. Easy disassembly/assembly and cleaning. Standard spray angle is 80° at 40 PSI.

CONSTRUCTION:

Two piece body with removable cap, core and strainer. Bodies are available in a variety of materials. The cap, core, and strainer are supplied in 316 stainless steel standard.



TYPICAL APPLICATIONS:

- Humidification/Moisture Addition
- Evaporative Cooling
- Steam De-superheating

Model Number	"L"	BODY	CAP
1/4FCL	1 ¹⁵ / ₁₆	13 ¹ / ₁₆ HEX	11 ¹ / ₁₆ HEX
1/4CL	2 ¹ / ₈	13 ¹ / ₁₆ HEX	11 ¹ / ₁₆ HEX

Model #		Capacities at Various Pressures LPH								
Female	Male	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	50 bar
1/4FC1.9L	1/4C1.9L	1.90	2.33	2.69	3.00	3.6	4.2	6.0	7.4	9.5
1/4FC2.4L	1/4C2.4L	2.40	2.94	3.4	3.8	4.5	5.4	7.6	9.3	12.0
1/4FC3.0L	1/4C3.0L	3.00	3.7	4.2	4.7	5.6	6.7	9.5	11.6	15.0
1/4FC3.8L	1/4C3.8L	3.8	4.7	5.4	6.0	7.1	8.5	12.0	14.7	19.0
1/4FC4.7L	1/4C4.7L	4.7	5.8	6.6	7.4	8.8	10.5	14.9	18.2	23.5
1/4FC5.9L	1/4C5.9L	5.9	7.2	8.3	9.3	11.0	13.2	18.7	22.9	29.5
1/4FC7.9L	1/4C7.9L	7.9	9.7	11.2	12.5	14.8	17.7	25.0	30.6	40
1/4FC9.2L	1/4C9.2L	9.2	11.3	13.0	14.5	17.2	20.6	29.1	36	46
1/4FC12L	1/4C12L	12.0	14.7	17.0	19.0	22.4	26.8	38	46	60
1/4FC14L	1/4C14L	14.0	17.1	19.8	22.1	26.2	31.3	44	54	70
1/4FC18L	1/4C18L	18.0	22.0	25.5	28.5	34	40	57	70	90
1/4FC23L	1/4C23L	23.0	28.2	33	36	43	51	73	89	115
1/4FC28L	1/4C28L	28.0	34	40	44	52	63	89	108	140
1/4FC35L	1/4C35L	35	43	49	55	65	78	111	136	175
1/4FC44L	1/4C44L	44	54	62	70	82	98	139	170	220
1/4FC55L	1/4C55L	55	67	78	87	103	123	174	213	275
1/4FC69L	1/4C69L	69	85	98	109	129	154	218	267	345
1/4FC86L	1/4C86L	86	105	122	136	161	192	272	333	430



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