

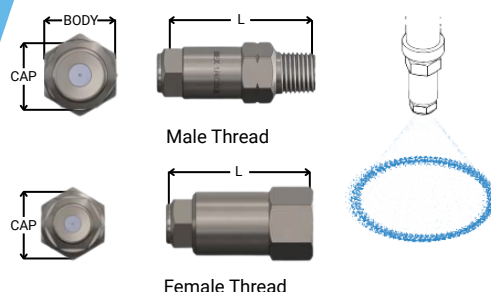


CL Series

Consistent 80° atomization, ideal for compact applications requiring precision.



CL Series



Spray Characteristics

The CL series hydraulic atomizing nozzles are meticulously crafted to generate a very fine hollow-cone spray pattern, solely utilizing the liquid pressure for atomization. These nozzles are easy to disassemble, assemble, and clean. The standard spray angle of the C series nozzle is 80° at 40 PSI.

Model Number	"L"	BODY	CAP
¼ FCL	1 15/16	13/16 HEX	11/16 HEX
¼ CL	2 1/8	13/16 HEX	11/16 HEX



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.

Standard Materials

- B** Brass
- 3** 303 Stainless Steel
- 6** 316 Stainless Steel

Typical Applications

- ✓ Humidifications/Moisture Addition
- ✓ Evaporative Cooling
- ✓ Steam De-superheating

CL Series



Model #		Capacities at Various Pressures USGPH								
Female	Male	30 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	700 psi	1000 psi
1/4FC1.9L	1/4C1.9L	0.51	0.59	0.83	0.93	1.32	1.61	2.08	2.47	2.95
1/4FC2.4L	1/4C2.4L	0.64	0.74	1.05	1.18	1.67	2.04	2.63	3.12	3.7
1/4FC3.0L	1/4C3.0L	0.81	0.93	1.32	1.47	2.08	2.55	3.3	3.9	4.7
1/4FC3.8L	1/4C3.8L	1.02	1.18	1.67	1.86	2.64	3.2	4.2	4.9	5.9
1/4FC4.7L	1/4C4.7L	1.26	1.46	2.06	2.31	3.3	4.0	5.2	6.1	7.3
1/4FC5.9L	1/4C5.9L	1.59	1.83	2.59	2.89	4.1	5.0	6.5	7.7	9.2
1/4FC7.4L	1/4C7.4L	1.99	2.30	3.2	3.6	5.1	6.3	8.1	9.6	11.5
1/4FC9.2L	1/4C9.2L	2.47	2.85	4.0	4.5	6.4	7.8	10.1	11.9	14.3
1/4FC12L	1/4C12L	3.2	3.7	5.3	5.9	8.3	10.2	13.2	15.6	18.6
1/4FC14L	1/4C14L	3.8	4.3	6.1	6.9	9.7	11.9	15.4	18.2	21.7
1/4FC18L	1/4C18L	4.8	5.6	7.9	8.8	12.5	15.3	19.7	23.4	27.9
1/4FC23L	1/4C23L	6.2	7.1	10.1	11.3	16.0	19.5	25.2	29.9	36
1/4FC28L	1/4C28L	7.5	8.7	12.3	13.7	19.4	23.8	30.7	36	43
1/4FC35L	1/4C35L	9.4	10.9	15.4	17.2	24.3	29.7	38	45	54
1/4FC44L	1/4C44L	11.8	13.7	19.3	21.6	30.5	37	48	57	68
1/4FC55L	1/4C55L	14.8	17.1	24.1	27.0	38	47	60	71	85
1/4FC69L	1/4C69L	18.5	21.4	30.3	34	48	59	76	90	107
1/4FC86L	1/4C86L	23.1	26.7	38	42	60	73	94	112	133