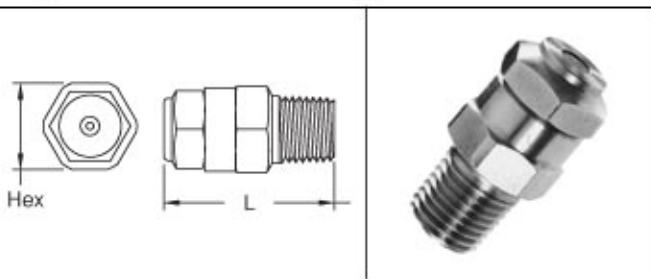
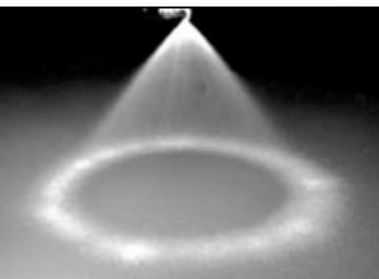


C SERIES

Hydraulic atomizing nozzles



DIMENSIONS

NOZZLE SIZE (BSPT)	*L* (mm)	BODY (mm)	CAP (mm)
1/4 FCL	49	21 HEX	18 HEX
1/4 CL	54	21 HEX	18 HEX
1/4 FCM.5L	48	21 HEX	16 HEX
1/4 CM.5L	52	21 HEX	16 HEX
1/4 FC	49	18 HEX	18 HEX
1/4 C	36	18 HEX	18 HEX
1/4 CC	21	14 HEX	N/A

SPRAY CHARACTERISTICS:

C series hydraulic atomizing nozzles are designed and precision machined to provide a very fine hollow-cone spray using only the liquid pressure for atomizing.

CONSTRUCTION:

Several different styles of nozzle are available in brass, 303 and 316 stainless steel. The orifice insert, core, and strainer are supplied in 316 stainless steel standard.

TYPICAL APPLICATIONS:

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

SPECIAL FEATURES:

- Very fine hollow-cone spray
- Easy disassembly/assembly and cleaning
- Wide range of style and sizes



CL STYLE

Two-piece body with removable cap, orifice, insert, core, core retainer and strainer.



C STYLE

Two piece body with removable cap, orifice insert, core and core retainer.



CM.5L STYLE

1/2" BSPT male wall mount body with removable cap, orifice insert, core, core retainer and strainer.



CC STYLE*

One-piece body with removable orifice insert, core and core retainer. (Add "L" for optional external strainer.)

Standard spray angle is 80° @ 2.8 bar (80° @ 6.9 bar for Models C4.7 and smaller)

MODEL NUMBER							CAPACITY (L/hr) AT VARIOUS PRESSURES (bar)								
'CL' Style		'CM.5L' Style		'C' Style		'CC' Style	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	50 bar
FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	MALE									
1/4FC1.9L	1/4C1.9L	1/4FC1.9M.5L	1/4C1.9M.5L	1/4FC1.9	1/4C1.9	1/4CC1.9	1.90	2.33	2.69	3.00	3.6	4.2	6.0	7.4	9.5
1/4FC2.4L	1/4C2.4L	1/4FC2.4M.5L	1/4C2.4M.5L	1/4FC2.4	1/4C2.4	1/4CC2.4	2.40	2.94	3.4	3.8	4.5	5.4	7.6	9.3	12.0
1/4FC3.0L	1/4C3.0L	1/4FC3.0M.5L	1/4C3.0M.5L	1/4FC3.0	1/4C3.0	1/4CC3.0	3.00	3.7	4.2	4.7	5.6	6.7	9.5	11.6	15.0
1/4FC3.8L	1/4C3.8L	1/4FC3.8M.5L	1/4C3.8M.5L	1/4FC3.8	1/4C3.8	1/4CC3.8	3.80	4.65	5.37	6.01	7.1	8.5	12.0	14.7	19.0
1/4FC4.7L	1/4C4.7L	1/4FC4.7M.5L	1/4C4.7M.5L	1/4FC4.7	1/4C4.7	1/4CC4.7	4.7	5.8	6.6	7.4	8.8	10.5	14.9	18.2	23.5
1/4FC5.9L	1/4C5.9L	1/4FC5.9M.5L	1/4C5.9M.5L	1/4FC5.9	1/4C5.9	1/4CC5.9	5.9	7.2	8.3	9.3	11.0	13.2	18.7	22.9	29.5
1/4FC7.4L	1/4C7.4L	1/4FC7.4M.5L	1/4C7.4M.5L	1/4FC7.4	1/4C7.4	1/4CC7.4	7.4	9.1	10.5	11.7	13.8	16.5	23.4	28.7	37
1/4FC9.2L	1/4C9.2L	1/4FC9.2M.5L	1/4C9.2M.5L	1/4FC9.2	1/4C9.2	1/4CC9.2	9.2	11.3	13.0	14.5	17.2	20.6	29.1	36	46
1/4FC12L	1/4C12L	1/4FC12M.5L	1/4C12M.5L	1/4FC12	1/4C12	1/4CC12	12.0	14.7	17.0	19.0	22.4	26.8	38	46	60
1/4FC14L	1/4C14L	1/4FC14M.5L	1/4C14M.5L	1/4FC14	1/4C14	1/4CC14	14.0	17.1	19.8	22.1	26.2	31.3	44	54	70
1/4FC18L	1/4C18L	1/4FC18M.5L	1/4C18M.5L	1/4FC18	1/4C18	1/4CC18	18.0	22.0	25.5	28.5	34	40	57	70	90
1/4FC23L	1/4C23L	1/4FC23M.5L	1/4C23M.5L	1/4FC23	1/4C23	1/4CC23	23.0	28.2	33	36	43	51	73	89	115
1/4FC28L	1/4C28L	1/4FC28M.5L	1/4C28M.5L	1/4FC28	1/4C28	1/4CC28	28.0	34	40	44	52	63	89	108	140
1/4FC35L	1/4C35L	1/4FC35M.5L	1/4C35M.5L	1/4FC35	1/4C35	1/4CC35	35	43	49	55	65	78	111	136	175
1/4FC44L	1/4C44L	1/4FC44M.5L	1/4C44M.5L	1/4FC44	1/4C44	1/4CC44	44	54	62	70	82	98	139	170	220
1/4FC55L	1/4C55L	1/4FC55M.5L	1/4C55M.5L	1/4FC55	1/4C55	1/4CC55	55	67	78	87	103	123	174	213	275
1/4FC69L	1/4C69L	1/4FC69M.5L	1/4C69M.5L	1/4FC69	1/4C69	1/4CC69	69	85	98	109	129	154	218	267	345
1/4FC86L	1/4C86L	1/4FC86M.5L	1/4C86M.5L	1/4FC86	1/4C86	1/4CC86	86	105	122	136	161	192	272	333	430

*Some 1/8 BSPT CC Styles are available