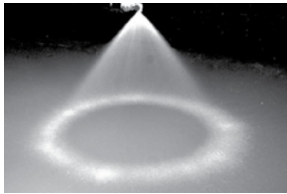


# Threaded Nozzles – Hollow Cone Series C



Model	"L" (mm)	Body (mm)	Cap (mm)
1/4FCL	49	21 HEX	18 HEX
1/4CL	54	21 HEX	18 HEX
1/4FCM.5L	48	21 HEX	16 HEX
1/4CM.5L	52	21 HEX	16 HEX
1/4FC	49	18 HEX	18 HEX
1/4C	36	18 HEX	18 HEX
1/4CC	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. Standard spray angle is 80° @ 3 bar

## TYPICAL APPLICATIONS:

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

## 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.

## SPECIAL FEATURES:

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



**TYPE CL**

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



**TYPE C**

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



**TYPE CM.5L**

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



**TYPE CC**

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

Model Number							CAPACITY (L/hr) AT VARIOUS PRESSURES (bar)								
'CL' Type		'CM.5L' Type		'C' Type		'CC' Type	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	3.60	4.20	6.00	7.40	9.50
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	3.40	3.80	4.50	5.40	7.60	9.30	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	3.70	4.20	4.70	5.60	6.70	9.50	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	7.10	8.50	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	4.70	5.80	6.60	7.40	8.80	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	5.90	7.20	8.30	9.30	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	7.40	9.10	10.5	11.7	13.8	16.5	23.4	28.7	37.0
1/4FC9.2L	1/4C9.2L	1/4FC9.2M.5L	1/4C9.2M.5L	1/4FC9.2	1/4C9.2	1/4CC9.2	9.20	11.3	13.0	14.5	17.2	20.6	29.1	36.0	46.0
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	38.0	46.0	60.0
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	44.0	54.0	70.0
1/4FC18L	1/4C18L	1/4FC18M.5L	1/4C18M.5L	1/4FC18	1/4C18	1/4CC18	18.0	22.0	25.5	28.5	34.0	40.0	57.0	70.0	90.0
1/4FC23L	1/4C23L	1/4FC23M.5L	1/4C23M.5L	1/4FC23	1/4C23	1/4CC23	23.0	28.2	33.0	36.0	43.0	51.0	73.0	89.0	115
1/4FC28L	1/4C28L	1/4FC28M.5L	1/4C28M.5L	1/4FC28	1/4C28	1/4CC28	28.0	34.0	40.0	44.0	52.0	63.0	89.0	108	140
1/4FC35L	1/4C35L	1/4FC35M.5L	1/4C35M.5L	1/4FC35	1/4C35	1/4CC35	35.0	43.0	49.0	55.0	65.0	78.0	111	136	175
1/4FC44L	1/4C44L	1/4FC44M.5L	1/4C44M.5L	1/4FC44	1/4C44	1/4CC44	44.0	54.0	62.0	70.0	82.0	98.0	139	170	220
1/4FC55L	1/4C55L	1/4FC55M.5L	1/4C55M.5L	1/4FC55	1/4C55	1/4CC55	55.0	67.0	78.0	87.0	103	123	174	213	275
1/4FC69L	1/4C69L	1/4FC69M.5L	1/4C69M.5L	1/4FC69	1/4C69	1/4CC69	69.0	85.0	98.0	109	129	154	218	267	345
1/4FC86L	1/4C86L	1/4FC86M.5L	1/4C86M.5L	1/4FC86	1/4C86	1/4CC86	86.0	105	122	136	161	192	272	333	430