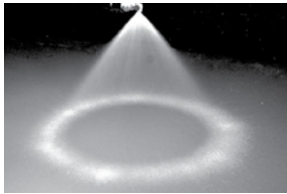


# Threaded Nozzles – Hollow Cone Series CW



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 150° @ 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 CWL**

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



**TYPE CW**

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



**TYPE CWM.5L**

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



**TYPE CCW**

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)										
'CWL' Type		'CWM.5L' Type		'CW' Type		'CCW' 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	female											
1/4FC5.9WL	1/4C5.9WL	1/4FC5.9WM.5L	1/4C5.9WM.5L	1/4FC5.9W	1/4C5.9W	1/4CC5.9W	5.90	7.20	8.30	9.30	11.0	13.2	18.7	22.9	29.5		
1/4FC7.4WL	1/4C7.4WL	1/4FC7.4WM.5L	1/4C7.4WM.5L	1/4FC7.4W	1/4C7.4W	1/4CC7.4W	7.40	9.10	10.5	11.7	13.8	16.5	23.4	28.7	37.0		
1/4FC9.2WL	1/4C9.2WL	1/4FC9.2WM.5L	1/4C9.2WM.5L	1/4FC9.2W	1/4C9.2W	1/4CC9.2W	9.20	11.3	13.0	14.5	17.2	20.6	29.1	36.0	46.0		
1/4FC12WL	1/4C12WL	1/4FC12WM.5L	1/4C12WM.5L	1/4FC12W	1/4C12W	1/4CC12W	12.0	14.7	17.0	19.0	22.4	26.8	38.0	46.0	60.0		
1/4FC14WL	1/4C14WL	1/4FC14WM.5L	1/4C14WM.5L	1/4FC14W	1/4C14W	1/4CC14W	14.0	17.1	19.8	22.1	26.2	31.3	44.0	54.0	70.0		
1/4FC18WL	1/4C18WL	1/4FC18WM.5L	1/4C18WM.5L	1/4FC18W	1/4C18W	1/4CC18W	18.0	22.0	25.5	28.5	34.0	40.0	57.0	70.0	90.0		
1/4FC23WL	1/4C23WL	1/4FC23WM.5L	1/4C23WM.5L	1/4FC23W	1/4C23W	1/4CC23W	23.0	28.2	33.0	36.0	43.0	51.0	73.0	89.0	115		
1/4FC28WL	1/4C28WL	1/4FC28WM.5L	1/4C28WM.5L	1/4FC28W	1/4C28W	1/4CC28W	28.0	34.0	40.0	44.0	52.0	63.0	89.0	108	140		