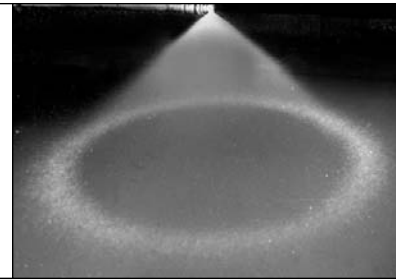
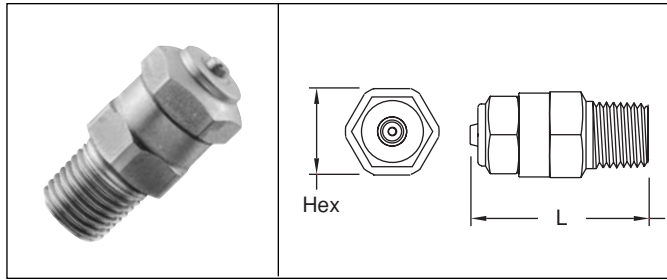


Wide angle hydraulic atomizing nozzles

CW SERIES

DIMENSIONS

NOZZLE SIZE (BSPT)	"L" (mm)	BODY (mm)	CAP (mm)
1/4 FCL	51	21 HEX	18 HEX
1/4 CL	21	21 HEX	18 HEX
1/4 FCM.5L	24	21 HEX	16 HEX
1/4 CM.5L	53	21 HEX	16 HEX
1/4 FC	51	18 HEX	18 HEX
1/4 C	37	18 HEX	18 HEX
1/4 CC	23	14 HEX	N/A



SPRAY CHARACTERISTICS:

CW series wide angle hydraulic atomizing nozzles are precision machined to provide a very fine wide angle hollow-cone spray using only the liquid pressure for atomizing.

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 wide angle hollow-cone spray
- Easy disassembly/assembly and cleaning
- Wide range of styles and sizes



CWL STYLE

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



CW STYLE

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



CWM.5L STYLE

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



CCW STYLE*

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

Standard spray angle is 150° @ 3 bar

MODEL NUMBER							CAPACITY (L/hr) AT VARIOUS PRESSURES (bar)								
'CWL' Style		'CWM.5L' Style		'CW' Style		'CCW' 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									
1/4FC5.9WL	1/4C5.9WL	1/4FC5.9WM.5L	1/4C5.9WM.5L	1/4FC5.9W	1/4C5.9W	1/4CC5.9W	5.9	7.2	8.3	9.3	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	7.4	9.1	10.5	11.7	13.8	16.5	23.4	28.7	37
1/4FC9.2WL	1/4C9.2WL	1/4FC9.2WM.5L	1/4C9.2WM.5L	1/4FC9.2W	1/4C9.2W	1/4CC9.2W	9.2	11.3	13.0	14.5	17.2	20.6	29.1	36	46
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	46	60
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	54	70
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	40	57	70	90
1/4FC23WL	1/4C23WL	1/4FC23WM.5L	1/4C23WM.5L	1/4FC23W	1/4C23W	1/4CC23W	23.0	28.2	33	36	43	51	73	89	115
1/4FC28WL	1/4C28WL	1/4FC28WM.5L	1/4C28WM.5L	1/4FC28W	1/4C28W	1/4CC28W	28.0	34	40	44	52	63	89	108	140

*Some 1/8 BSPT. CCW Styles are available

HOLLOW CONE SPRAY