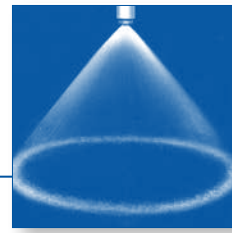




Hollow cone nozzles

Axial-low flow

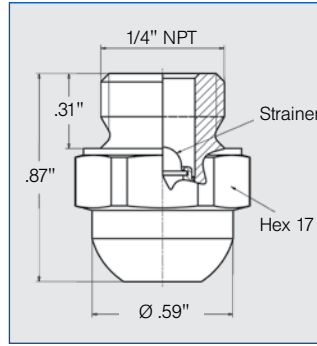
Series 220



Extremely fine, fog-like hollow cone spray.

Applications:

- Disinfection
- Humidification
- Cooling



Nozzles of series 220 replace series 212 which are still available on request.

Spray angle	Ordering no.				Orifice diam. (in.)	Free Passage (in.)	Mesh size Strainer (in.)	Flow Rate (Gallons Per Minute)								Spray Diam. D (in.) @ 72 psi H=4"	Theoretical Spray Width @ 72.5 psi (5 bar) H=100mm
	Type	Material no.		Connection				liters per minute									
		11 AISI 430F	1Y AISI 316L					Male 1/4" NPT	30 psi	45 psi	5 bar	75 psi	100 psi	150 psi	300 psi		
60°	220. 004	○	○	BC	.004	.004	.002	-	-	.013	.003	.004	.005	.007	4	100	
	220. 014	○	○	BC	.006	.006	.002	-	.004	.019	.005	.006	.007	.010	4	100	
80°	220. 085	○	○	BC	.010	.010	.004	.007	.008	.040	.011	.012	.015	.021	6	140	
	220. 125	○	○	BC	.014	.014	.004	.010	.013	.062	.016	.019	.023	.033	6	140	
	220. 145	○	○	BC	.016	.016	.004	.014	.017	.082	.022	.026	.031	.043	6	140	
	220. 165	○	○	BC	.018	.018	.004	.017	.021	.103	.027	.032	.039	.054	6	140	

Example Type + Material no. + Conn. = Ordering no.
for ordering: 220. 004 + 1Y + BC = 220. 004. 1Y. BC

The integrated strainer avoids clogging of the nozzle and increases its service life.

*** Materials**

Mat. no.	Housing	Nozzle insert	Strainer
11	AISI 430F	AISI 430F	AISI 316L
1Y	AISI 316L	AISI 316L	AISI 316L

Hollow cone

Conversion formula for the above series: $V_2 = V_1 \sqrt{\frac{P_2}{P_1}}$
(See page 12 for symbol definitions.)

