

# FD Series - Hollow Cone Nozzle

## Nozzle Features



FD series range produce a mist of fine spray droplets in a hollow cone pattern with uniform spray distribution. The nozzle body is manufactured from brass with SS orifice and core. An O-ring seal is supplied for sealing. All parts are precision machined.



## Performance Data

NOZZLE THREAD CONN.	NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATE TYPE	FLOW RATES @ BarG						APPROX. SPRAY ANGLE DEG°	
				4.0	7.0	10.0	14.0	35.0	45.0		70.0
10/24 UNC-2A or 1/8" NPT	FD 1.5	0.15	LPM	-	-	.023	.026	.036	.043	.050	55 - 70
			LPH	-	-	1.4	1.16	2.20	2.60	3.03	
	FD 2.0	0.20	LPM	-	-	.028	.033	.048	.056	.07	55 - 70
			LPH	-	-	1.7	2.0	2.9	3.40	4.2	
	FD 3.0	0.30	LPM	.028	.036	.045	.048	.068	.078	.093	65 - 70
			LPH	1.7	2.2	2.7	2.9	4.1	4.70	5.6	
	FD 4.0	0.40	LPM	.045	.051	.07	.085	.116	.126	.15	80
			LPH	2.7	3.1	4.2	5.1	7.0	7.58	8.9	
	FD 5.0	0.50	LPM	.056	.07	.083	.088	1.85	.15	.165	80
			LPH	3.4	4.2	5.0	5.3	8.0	9.0	9.9	

## Applications

- Chemical Treatment
- Chemical Spraying
- Parts Cooling
- Fruit Wax Coating
- Artificial Fog
- Gas Turbine Cooling
- Poultry Cooling
- Outdoor Cooling

## Ordering Example

1/8-FD-4.0

## Available Materials

Brass, SS

\* Other materials available on request

# FE Series - Hollow Cone Nozzle

## Nozzle Features



FE series are precision moulded spray nozzles and produce a very fine mist of spray droplets in a hollow cone pattern. The spray droplets are between 20 to 40 micron. It features an internal strainer to reduce clogging.



NOZZLE THREAD CONN.	NOZZLE CODE	FLOW RATES (LPM @ BarG)			APPROX. SPRAY ANGLE DEG°
		2.0	6.0	8.0	
1/8	FE030	0.042	0.060	0.085	75

## Applications

- Chemical Treatment
- Chemical Spraying
- Parts Cooling
- Fruit Wax Coating
- Artificial Fog
- Gas Turbine Cooling
- Poultry Cooling
- Outdoor Cooling

## Ordering Example

1/8-FE-030

## Available Materials

PP - Polypropylene