



ENVIRONMENTAL COMPETENCY CONSULTANCY SDN BHD (1233946-V)

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SPRAY NOZZLE

Overview

Spiral jet spray nozzle produces a full-cone spray pattern, with a comparatively smaller droplet size. The spiral design allows the development of a spiral shaped sheet, resulting in a more comprehensive distribution across a surface area, in addition to its fine atomization of liquid. Available in spray angle 120° in size 3/8", 1/2", 3/4" and 1".



Common Applications

Gas scrubbing (including flue gas desulfurization), gas cooling, washing and rinsing, etc.

Features

- Clog resistant
Due to large free passage
- High energy efficiency



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Performance Data

Model	SN038	SN012	SN034	SN100
Size (inch)	3/8	1/2	3/4	1
Orifice Dia. (mm)	7.9	11.1	12.7	19.1
Free Passage Dia. (mm)	3.2	4.8	4.8	6.3
Length (mm)	55	65	79	93
Specific Weight (g)				
PVC	6	11	25	48
PP	4	7	15	29
Colours Available				
Black ■	✓	✓	✓	✓
White □	✓	✓	✓	✓
Capacity (L/min)				
0.7 bar	31	63	80	126
1 bar	37	75	96	150
1.5 bar	46	92	117	190
2 bar	53	106	135	212
3 bar	65	130	166	260
5 bar	84	168	214	336
10 bar	118	238	303	483

1. Dimension varies depending on process parameters

2. Capacity is rounded up to the closest value