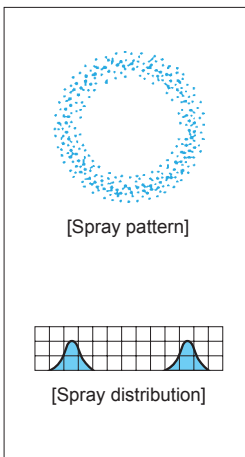
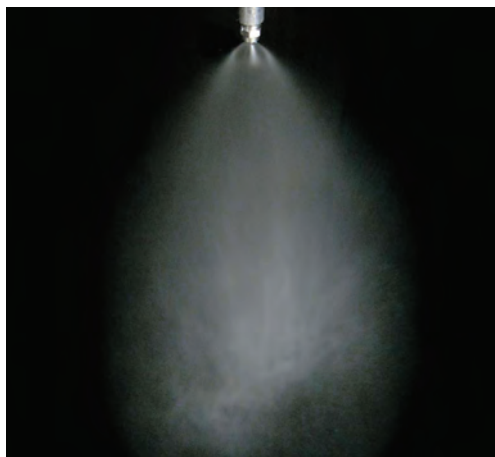


Semi-fine Atomization and Low Flow Rate Hollow Cone Spray Nozzles

K

Hollow Cone



- Low flow rate hollow cone spray nozzle.
- Semi-fine atomization.
- The whirl chamber is formed by a ceramic orifice and closer, which provides excellent wear-resistance.

[STANDARD PRESSURE]

0.3 MPa

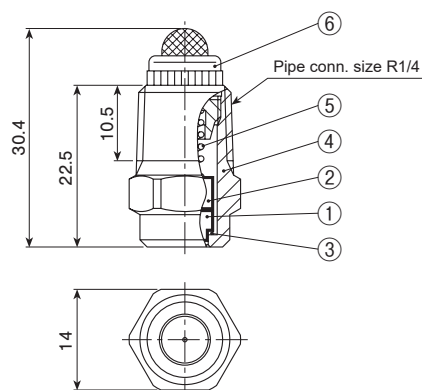
[APPLICATIONS]

Humidifying: Air handling units
Cooling: Gas, metals
Spraying: Chemicals

Structure	• Nozzle orifice and closer are made of ceramic. • All models include a built-in strainer.
Material	• Nozzle orifice and closer: ceramic • Nozzle body: S303 SPECIAL ORDER MATERIAL: S316
Weight	• 17.5 g

[Note] Appearance and dimensions may differ slightly depending on material and nozzle code.

DRAWING



Unit: mm

- ①Ceramic orifice ②Ceramic closer ③Packing (PTFE)
④Nozzle body ⑤Spring (S316)
⑥Strainer (S303+S304 for mesh size #50 and #100,
S303+S304+S316 for mesh size #150)

Spray capacity code	Spray angle (°)			Spray capacity (L/min)									Mean droplet diameter (μm)	Free passage diameter (mm)	Strainer mesh size
	0.15 MPa	0.3 MPa	0.7 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	1.5 MPa	2 MPa	2.5 MPa			
006	—	80	80	—	—	0.06	0.08	0.09	0.11	0.13	0.15	0.16	80	0.4	150
008	—	80	80	—	—	0.08	0.10	0.12	0.14	0.17	0.20	0.22		0.4	150
010	—	80	80	—	—	0.10	0.13	0.15	0.18	0.22	0.25	0.27		0.5	100
012	—	80	80	—	—	0.12	0.15	0.18	0.21	0.26	0.30	0.33		0.5	100
015	—	80	80	—	0.12	0.15	0.19	0.22	0.27	0.32	0.37	0.41		0.6	100
020	70	80	80	0.14	0.16	0.20	0.26	0.30	0.35	0.43	0.49	0.55		0.7	50
025	70	80	80	0.18	0.21	0.25	0.32	0.37	0.44	0.54	0.62	0.69		0.7	50
030	70	80	80	0.22	0.25	0.30	0.38	0.45	0.53	0.65	0.74	0.82		0.9	50
040	70	80	80	0.29	0.33	0.40	0.51	0.60	0.71	0.86	0.99	1.10		0.9	50
050	70	80	80	0.36	0.41	0.50	0.64	0.75	0.89	1.08	1.23	1.37	200	1.0	50
060	70	80	80	0.43	0.49	0.60	0.77	0.90	1.06	1.29	1.48	1.65	220	1.0	50
070	70	80	80	0.50	0.58	0.70	0.89	1.05	1.24	1.51	1.73	1.92		1.0	50
080	70	80	80	0.58	0.66	0.80	1.02	1.20	1.42	1.72	1.97	2.20		1.2	50
100	70	80	80	0.72	0.82	1.00	1.28	1.50	1.77	2.15	2.47	2.74		1.3	50
120	70	80	80	0.86	0.99	1.20	1.53	1.80	2.13	2.58	2.96	3.29		1.3	50
140	70	80	80	1.01	1.15	1.40	1.79	2.10	2.48	3.01	3.46	3.84		1.5	50
160	70	80	80	1.15	1.32	1.60	2.04	2.40	2.84	3.44	3.95	4.39		1.5	50
180	70	80	80	1.29	1.48	1.80	2.30	2.69	3.19	3.87	4.44	4.94	380	1.7	50

HOW TO ORDER

To inquire about or order a specific nozzle please refer to this coding system.

Example: 1/4M K 006N S303 W

1/4M	K	006	N	S303	W
Pipe conn. size*		Spray capacity code		Material	Strainer
		006			
		↓			
		180			

*"M" indicates male thread ("R" of the ISO standard), e.g. 1/4M = R1/4.