

Model JN Jet Nozzle



Model JN jet nozzles are designed to handle high air flow & provide relatively long throws which makes them particularly suitable for conditioning of large spaces such as halls, auditorium, terminal buildings, warehouses and shopping mall.

Features

- Choice of sheet aluminium or steel construction.
- Long flow characteristics.
- High air handling capacity.
- Eyeball type core rotation.
- Easy to install and adjust.
- Multiplier outlet arrangement.

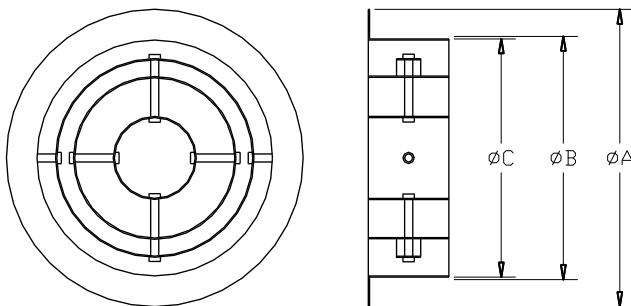
Finish

- Steel construction.
Standard finish is white baked enamel.
Special colour finishes are available to match architectural requirements.
- Aluminium construction.
Standard finish is white baked enamel.
Special colour finishes or special anodize finish are available.

Accessories

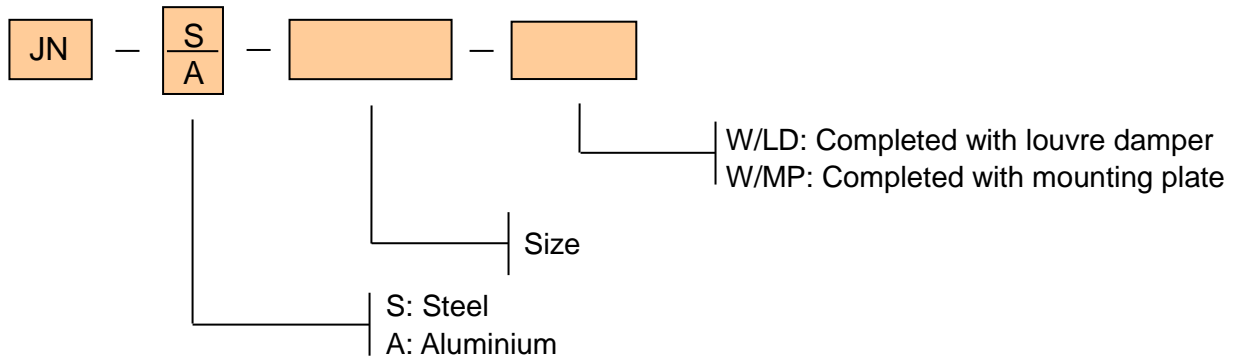
- Louvre damper (LD)
For location immediately behind diffusers within circular supply ducts.
- Mounting plate (MP)

Dimension



Size	ϕA	Duct Size ϕB	ϕC
150	210	150	145
200	260	200	195
250	310	250	245
300	360	300	295
350	410	350	345
400	460	400	395
540	600	540	535

Order Code



Performance Data

Size	Neck Area (m ²)	Neck Velocity (m/s)	1.5	2	2.5	3	3.5	4	5	6	7
		Velocity Pressure (Pa)	0.2	3	4	6	8	10	16	23	31
150	0.018	m ³ /s	0.027	0.036	0.045	0.054	0.063	0.072	0.090	0.108	0.126
		SP (Pa)	-	-	5	8	11	13	19	30	43
		NC	-	-	-	-	-	15	22	29	34
		Throw (m)	3	4	4	5	5	6	6	7	8
200	0.031	m ³ /s	0.047	0.062	0.078	0.093	0.109	0.124	0.155	0.186	0.217
		SP (Pa)	-	3	5	6	10	14	23	38	56
		NC	-	-	-	15	20	22	25	27	35
		Throw (m)	4	5	6	7	7	8	8	9	10
250	0.049	m ³ /s	0.074	0.098	0.123	0.147	0.172	0.196	0.245	0.294	0.343
		SP (Pa)	-	-	3	5	8	10	14	19	25
		NC	-	-	-	-	15	20	24	25	34
		Throw (m)	6	7	8	8	9	10	10	12	12
300	0.071	m ³ /s	0.107	0.142	0.178	0.213	0.249	0.284	0.355	0.426	0.497
		SP (Pa)	-	-	-	9	10	13	13	15	25
		NC	-	-	-	-	-	18	22	31	35
		Throw (m)	8	8	8	9	10	11	12	13	13
350	0.096	m ³ /s	0.144	0.192	0.240	0.288	0.336	0.384	0.480	0.576	0.672
		SP (Pa)	-	-	-	7	8	8	10	13	38
		NC	-	-	-	-	15	16	24	29	36
		Throw (m)	8	9	10	11	12	12	13	16	18
400	0.126	m ³ /s	0.189	0.252	0.315	0.378	0.441	0.504	0.630	0.756	0.882
		SP (Pa)	-	-	-	6	8	10	13	15	38
		NC	-	-	-	-	-	-	23	30	35
		Throw (m)	9	10	12	12	13	14	16	19	21
540	0.228	m ³ /s	0.25	0.33	0.42	0.50	0.58	0.67	0.84	1.04	1.17
		SP (Pa)	-	-	-	5	7	9	11	12	32
		NC	-	-	-	-	-	-	24	32	35
		Throw (m)	9	12	15	16	17	19	20	21	23

NC level is based on 10 dB room attenuation with diffuser operation.