

AIRFOIL



GRILLES
DUCT
FITTINGS

making it happen sooner...



JET DIFFUSER (JD)

Airfoil's Jet Diffuser is manufactured from high-grade spun aluminium, and can supply air in either a "jet" or "diffused" air pattern by rotating the cone assembly on its own axis.

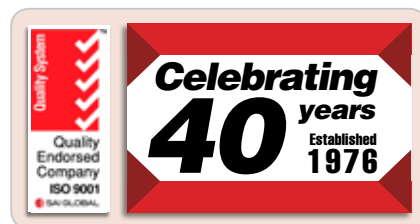
Airfoil's Jet Diffuser is perfect for long throw, short throw, or diffused air control. It's ideal for high volume applications such as high ceiling auditoriums and shopping centres. Comes standard in white.

Jet Diffuser Options

- > *Optional colours on request*
- > *Can be supplied without housing*
- > *Can be supplied mounted with multiple units*
- > *Jet mode or diffuser mode*

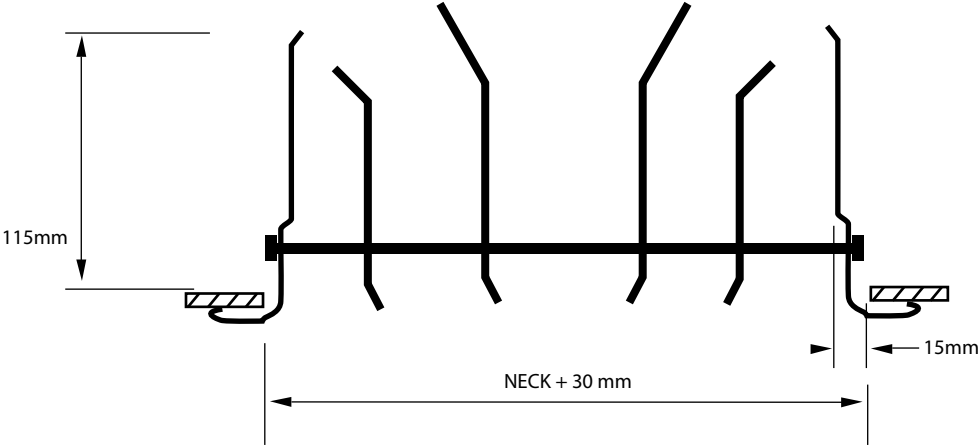
Product specification codes:

JD150	Jet Diffuser with 150 diameter
JD200	Jet Diffuser with 200 diameter
JD250	Jet Diffuser with 250 diameter
JD300	Jet Diffuser with 300 diameter
JD350	Jet Diffuser with 350 diameter
JD400	Jet Diffuser with 400 diameter

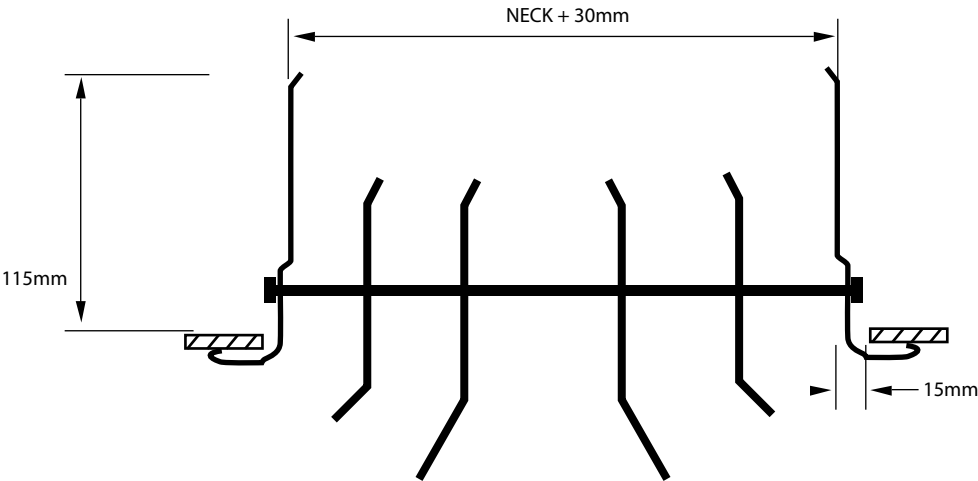


JET DIFFUSER (JD)

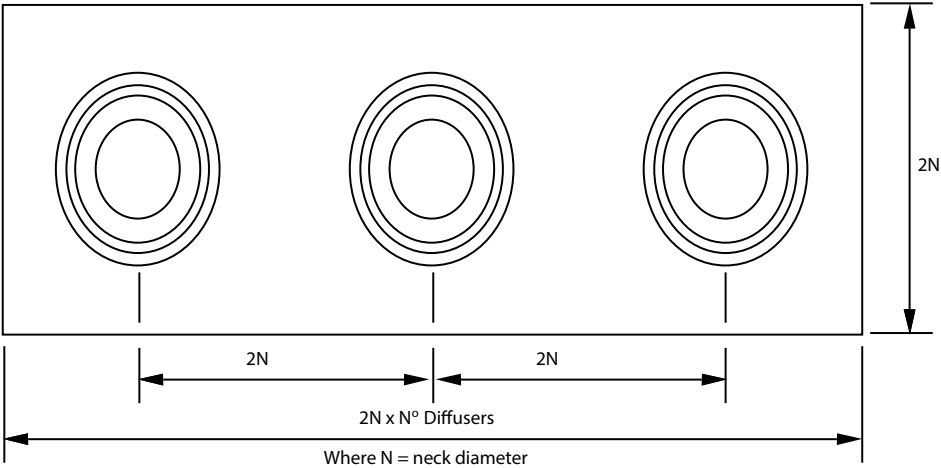
Cross Sectional Diagram: Jet Mode



Cross Sectional Diagram: Diffusing mode



Cross Sectional Diagram: Mounted Jet Diffusers



JET DIFFUSER (JD)

Performance Data

NECK SIZE	Lit / sec	50	75	100	125	150
	NR	28	34	38	45	>50
150 mm	Static Pressure Pascals	15	28	38	55	70
	Throw JET	3	4.2	6	7.3	8.6
	metres DIFFUSION	1.5	2.1	3	3.7	4.3
200 mm	Lit / sec	100	125	150	175	200
	NR	26	30	34	39	43
	Static Pressure Pascals	15	23	33	45	60
250 mm	Throw JET	4.5	5.5	6.5	8	9
	metres DIFFUSION	2.3	2.8	3.3	4	4.5
	Lit / sec	150	200	250	300	400
300 mm	NR	20	27	33	37	46
	Static Pressure Pascals	8	15	23	33	60
	Throw JET	5	7	8.3	10.2	12.7
350 mm	metres DIFFUSION	2.5	3.5	4.2	5.1	4.6
	Lit / sec	250	300	400	500	600
	NR	27	28	34	39	45
400 mm	Static Pressure Pascals	10	15	25	40	58
	Throw JET	6.3	7	10.2	13.3	16
	metres DIFFUSION	3.2	3.8	5.1	6.7	8
NECK SIZE	Lit / sec	300	400	600	800	1000
	NR	-	25	35	43	> 50
	Static Pressure Pascals	5	12	32	60	103
350 mm	Throw JET	6.5	8.8	13.8	18	23
	metres DIFFUSION	3.3	4.4	6.9	9	11.5
	Lit / sec	400	600	800	1000	1200
400 mm	NR	-	28	35	43	> 50
	Static Pressure Pascals	5	15	33	60	145
	Throw JET	7.8	12	16	20	24
NECK SIZE	metres DIFFUSION	3.9	6	8	10	12

AIRFOIL'S RECENT PROJECTS

