

Jetflo Diffusers



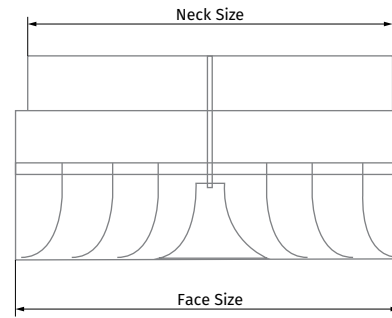
Features

- Suitable for heating, cooling and exhaust applications
- From A.B.S polymers providing long term strength and rigidity
- Complete with the twin spring clip arrangement found on the round ceiling diffusers
- Finished standard white
- Easily adjustable butterfly damper which can be adjusted from the face of the grille using a simple push-in dial

Overall Dimensions

Nominal Neck Metric (x)	Face Size (A)
150 mm	205 mm
200 mm	260 mm
250 mm	305 mm

Grilles are powder coated white as standard
The first number is for horizontal dimension and the second number is for vertical dimension



Quick Selection Table

- Data is based on isothermal conditions with a room height of 2.7 m with the diffuser mounted flush in an unobstructed ceiling.
- Throws are given at a terminal velocity of 0.25 m/s. Data is tabulated with centre cone in two-test positions 20 % and 100 % open respectively. Noise Ratings are based on a room absorption level of 10 dB.

Neck Size (mm)	Percentage Open	150								200							
		20% Open			100% Open					20% Open				100% Open			
		Airflow (l/s)	X	P _t	NR	Airflow (l/s)	X	P _t	NR	Airflow (l/s)	X	P _t	NR	Airflow (l/s)	X	P _t	NR
150	20%	16.5	1.0	9	<15	16.5	0.5	2	<15	27.5	1.3	6	<15	27.5	0.7	1	<15
150	30%	33	1.3	38	16	33	1.0	8	16	55	1.6	25	<15	55	1.2	5	<15
150	40%	49.5	1.7	85	17	49.5	1.3	18	18	82.5	2.0	56	21	82.5	1.6	12	<15
150	50%	66	2.0	151	20	66	1.6	31	21	110	2.3	100	33	110	2.0	21	15
150	60%	82.5	2.4	237	24	82.5	2.0	49	25	137.5	2.6	156	41	137.5	2.3	32	19
150	70%	99	2.8	241	29	99	2.4	70	30	165	3.0	224	55	165	2.6	46	26

Neck Size (mm)	Percentage Open	250								300							
		20% Open			100% Open					20% Open				100% Open			
		Airflow (l/s)	X	P _t	NR	Airflow (l/s)	X	P _t	NR	Airflow (l/s)	X	P _t	NR	Airflow (l/s)	X	P _t	NR
250	20%	44	1.5	5	<15	44	0.8	1	<15	66	1.6	5	<15	66	0.7	1	<15
250	30%	88	2.0	21	<15	88	1.5	4	<15	132	2.2	19	<15	132	1.6	4	<15
250	40%	132	2.4	47	19	132	1.9	10	<15	198	2.8	43	16	198	2.3	9	<15
250	50%	176	2.9	84	31	176	2.4	17	<15	264	3.3	76	26	264	2.7	16	<15
250	60%	220	3.4	131	37	220	2.8	27	16	330	3.8	119	33	330	3.2	24	15
250	70%	264	3.9	188	43	264	3.2	39	22	396	4.3	171	39	396	3.6	35	20

SYMBOLS:

X – Throw in metres correspond to a terminal velocity in occupied zone of 0.25 m/s

Pressure (P_t) – All pressures are in Pa (N/m²)

NR – Noise level index in dB based on a room absorption and one diffuser