

# Jetflo Diffusers



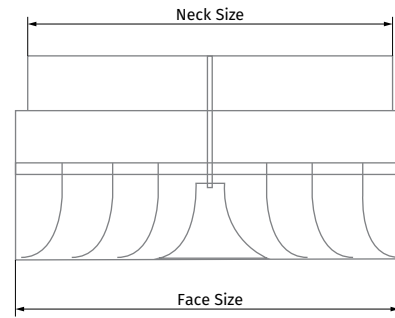
## Features

- 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)	150								200							
	20% Open			100% Open					20% Open				100% Open			
	Airflow (l/s)	X	P <sub>t</sub>	NR	Airflow (l/s)	X	P <sub>t</sub>	NR	Airflow (l/s)	X	P <sub>t</sub>	NR	Airflow (l/s)	X	P <sub>t</sub>	NR
150	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	33	1.3	38	16	33	1.0	8	16	55	1.6	25	<15	55	1.2	5	<15
150	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	66	2.0	151	20	66	1.6	31	21	110	2.3	100	33	110	2.0	21	15
150	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	99	2.8	241	29	99	2.4	70	30	165	3.0	224	55	165	2.6	46	26

Neck Size (mm)	250								300							
	20% Open			100% Open					20% Open				100% Open			
	Airflow (l/s)	X	P <sub>t</sub>	NR	Airflow (l/s)	X	P <sub>t</sub>	NR	Airflow (l/s)	X	P <sub>t</sub>	NR	Airflow (l/s)	X	P <sub>t</sub>	NR
250	44	1.5	5	<15	44	0.8	1	<15	66	1.6	5	<15	66	0.7	1	<15
250	88	2.0	21	<15	88	1.5	4	<15	132	2.2	19	<15	132	1.6	4	<15
250	132	2.4	47	19	132	1.9	10	<15	198	2.8	43	16	198	2.3	9	<15
250	176	2.9	84	31	176	2.4	17	<15	264	3.3	76	26	264	2.7	16	<15
250	220	3.4	131	37	220	2.8	27	16	330	3.8	119	33	330	3.2	24	15
250	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<sub>t</sub>)** – All pressures are in Pa (N/m<sup>2</sup>)

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