J17 · RESIDENTIAL BATHROOM FANS

AS-BLOW

Residential In-Duct Axial Fans



AS-BLOW in-duct axial fans are in-line fans mounted in round ventilation ducts. Depending on the installation method, they operate in exhaust or supply mode.

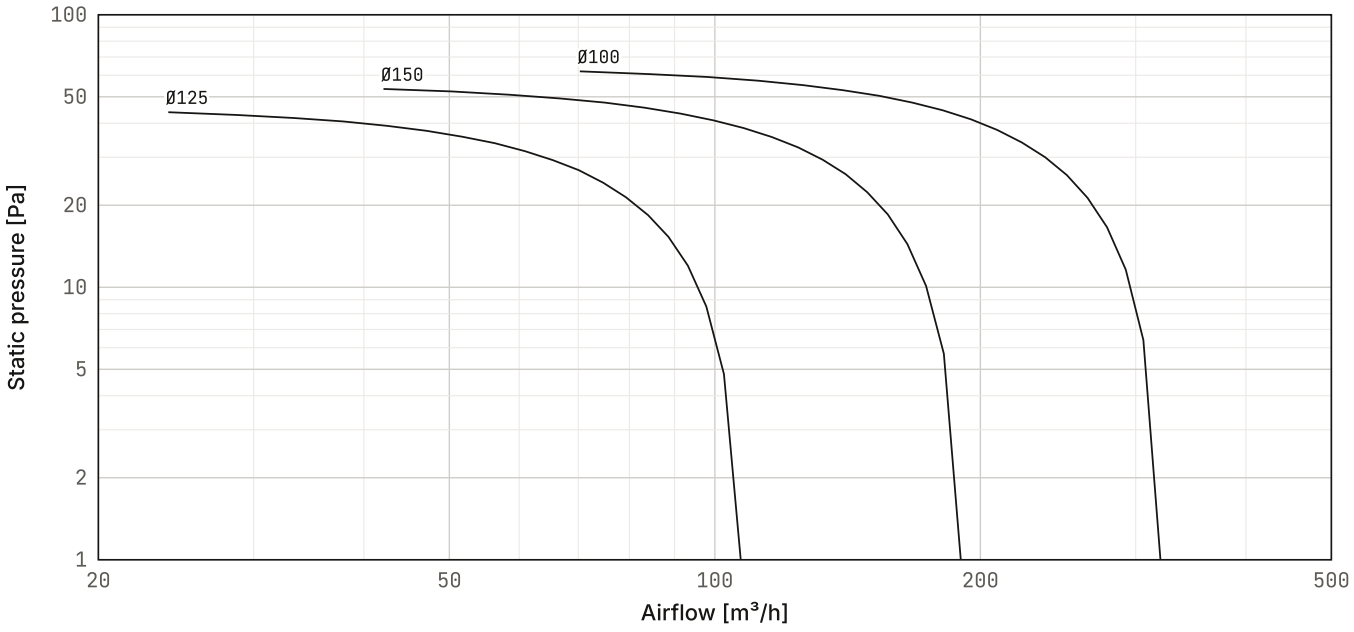
When used with DSKP line holders, the fans can be mounted between two plastic ducts. They have a round duct connection and are available in Ø100, Ø125 and Ø150 mm sizes, with a plastic impeller; air discharge can be horizontal or vertical.

The direct-drive fans use 2-pole synchronous motors with class F insulation and IP44 protection, totally enclosed fan-cooled (TEFC) and rated for S1 and S2 duty. Supply is 230 V single-phase; versions for 50 Hz and 60 Hz are available. The motors are outside the scope of IE efficiency classification. Operating air temperature: −20 °C to +40 °C. Standard: IEC CB 60335-2-80.

AIRFLOW UP TO	STATIC PRESSURE UP TO	IMPELLER Ø	MOTOR POWER
320 m³/h	65 Pa	100 – 150 mm	0.01 – 0.02 kW
SPEED	**SUPPLY**	**TEMPERATURE CLASS**	**MOTOR**
2,700 min⁻¹	230 V 1~ · 50 Hz	40°C	IP44 · F

Selection chart

50 Hz · Static pressure at 1.204 kg/m³ with the standard motor.



Technical data 50 Hz

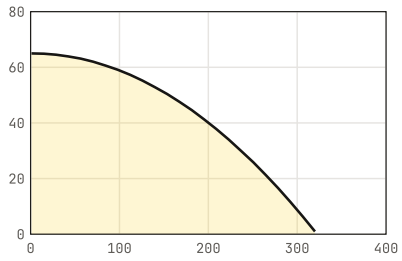
Model	Ø [mm]	Motor [kW]	Speed [min⁻¹]	Supply	I [A]	Max. airflow [m³/h]	Max. pressure [Pa]	LpA 1 m [dB(A)]
AS-BLOW 100	100	0.01	2,700	230 V 1~	0.1	320	65	34
AS-BLOW 125	125	0.02	2,700	230 V 1~	0.1	107	46	36
AS-BLOW 150	150	0.02	2,700	230 V 1~	0.1	190	56	38

Dimensions [mm]

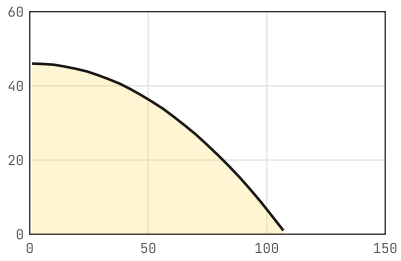
Model	A	B	C	D
AS-BLOW 100	100	103	80	30
AS-BLOW 125	125	128	87	30
AS-BLOW 150	150	153	104	35

Performance curves Static pressure [Pa] vs airflow [m³/h], standard motor, 1.204 kg/m³.

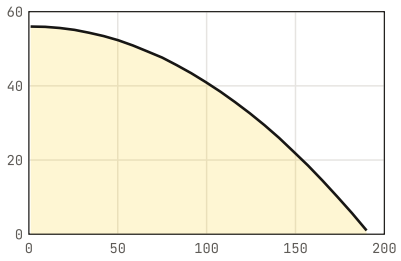
AS-BLOW 100 2,700 min⁻¹ · 0.01 kW



AS-BLOW 125 2,700 min⁻¹ · 0.02 kW



AS-BLOW 150 2,700 min⁻¹ · 0.02 kW



Sound power level Lw [dB] per octave band casing radiated · 63–8000 Hz

Model	63	125	250	500	1k	2k	4k	8k	Total	LpA 1 m [dB(A)]
AS-BLOW 100	20	31	46	45	46	44	41	36	**52**	34
AS-BLOW 125	22	33	48	47	48	46	43	38	**54**	36
AS-BLOW 150	24	35	50	49	50	48	45	40	**56**	38

Notes

Sound pressure level at 1 m (free field) from the AEROMIS product database.
3 model(s) also available for 60 Hz — see the fan selector.
Full performance, acoustic octave bands, motor options and datasheets: AEROMIS fan selector.