J07 · RESIDENTIAL BATHROOM FANS

AS-PLACE

Residential Removable Panel Ventilation Fans



AS-PLACE ventilation fans are bathroom exhaust fans with an easily removable face panel. Thanks to the unique body design, the robust face panel does not obstruct the air exhaust process.

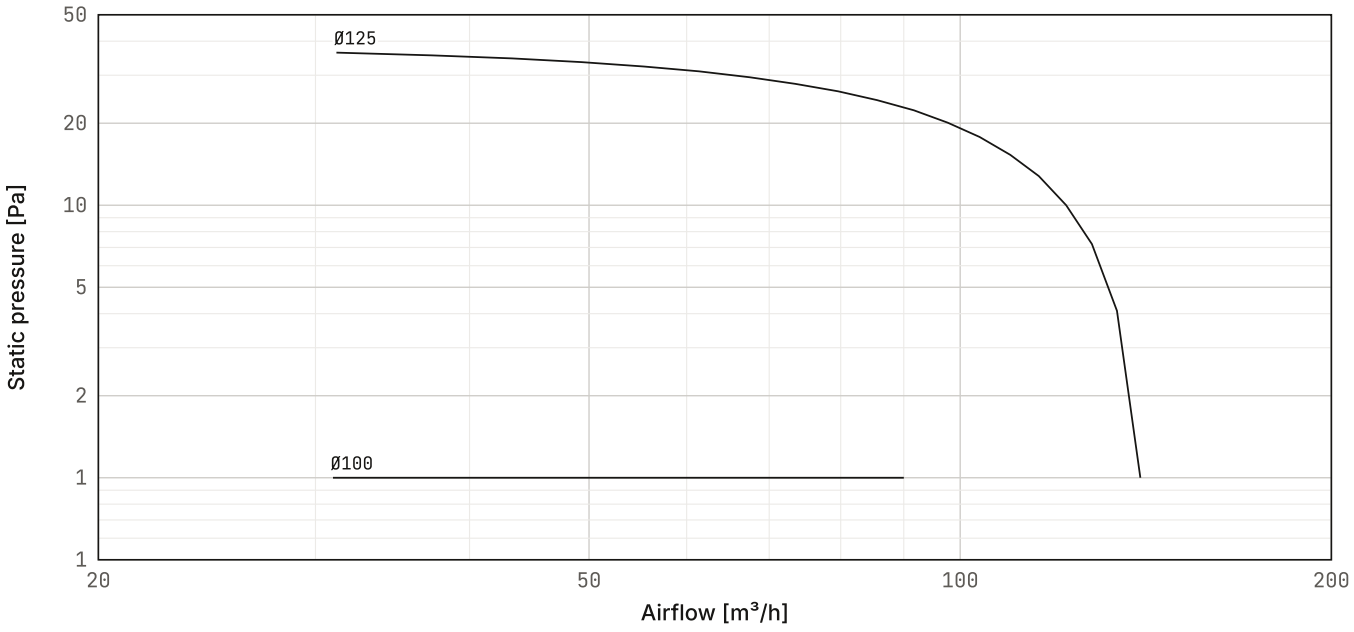
The fans have a round duct connection in Ø100 and Ø125 mm and a plastic impeller; air discharge can be horizontal or vertical. A special mounting template helps determine the locations of the mounting points. A newly designed backdraft damper is available as the BD option.

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
140 m³/h	38 Pa	100 – 125 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

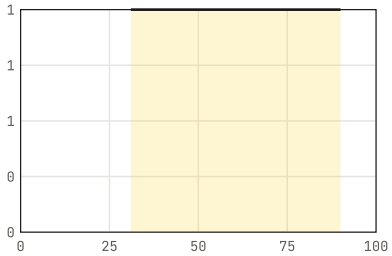
Model	Ø [mm]	Motor [kW]	Speed [min⁻¹]	Supply	I [A]	Max. airflow [m³/h]	Max. pressure [Pa]	LpA 1 m [dB(A)]
AS-PLACE 100	100	0.01	2,700	230 V 1~	0.1	90	1	35
AS-PLACE 125	125	0.02	2,700	230 V 1~	0.1	140	38	36

Dimensions [mm]

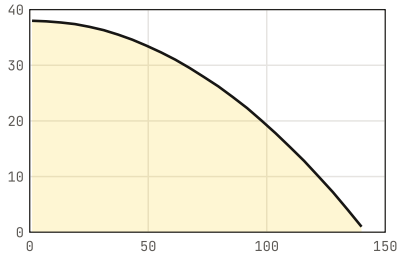
Model	A	B	C	D	E	F
AS-PLACE 100	172	135	74	98	38	6
AS-PLACE 125	200	160	79	123	38	6

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

AS-PLACE 100 2,700 min⁻¹ · 0.01 kW



AS-PLACE 125 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-PLACE 100	21	32	47	46	47	45	42	37	**53**	35
AS-PLACE 125	22	33	48	47	48	46	43	38	**54**	36

Notes

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