J13 · RESIDENTIAL BATHROOM FANS

AS-STREAM

Residential Removable Panel Ventilation Fans



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

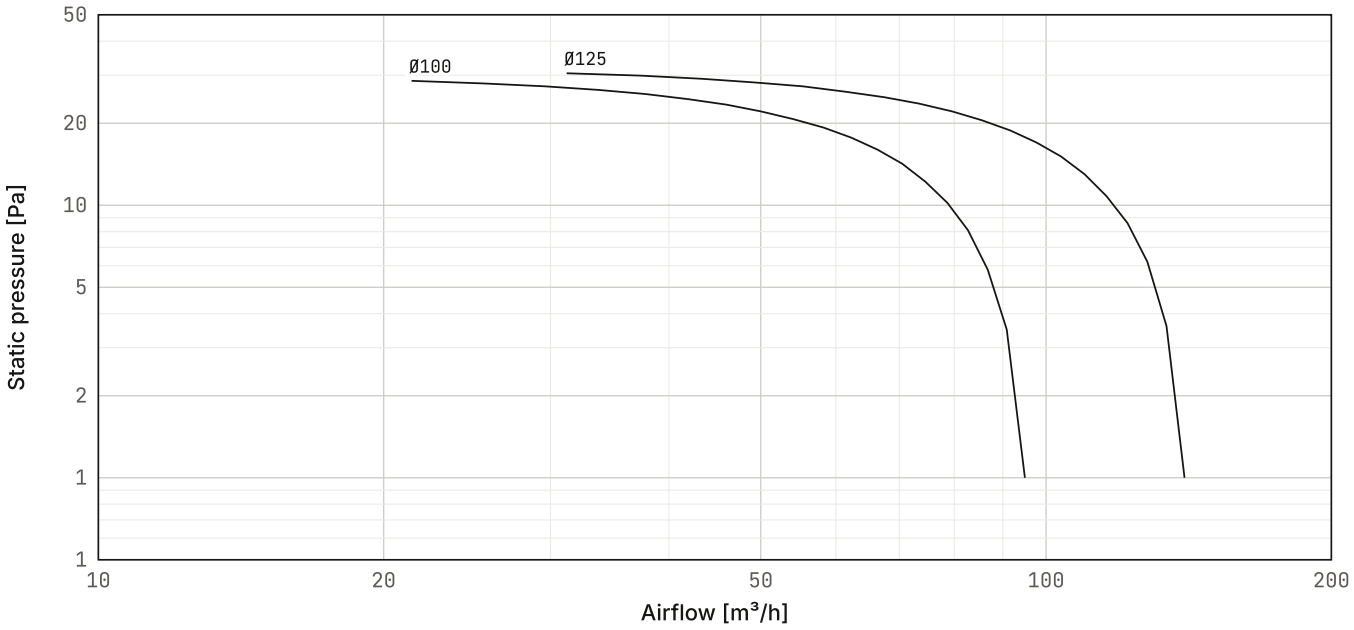
The fans have a round duct connection in Ø100 and Ø125 mm and a plastic impeller; air discharge can be horizontal or vertical. They can be mounted with fixing feet, and ceiling mounting is possible with the BB option.

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	32 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

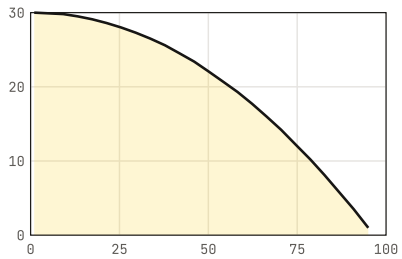
Model	Ø [mm]	Motor [kW]	Speed [min⁻¹]	Supply	I [A]	Max. airflow [m³/h]	Max. pressure [Pa]	LpA 1 m [dB(A)]
AS-STREAM 100	100	0.01	2,700	230 V 1~	0.1	95	30	25
AS-STREAM 125	125	0.02	2,700	230 V 1~	0.1	140	32	30

Dimensions [mm]

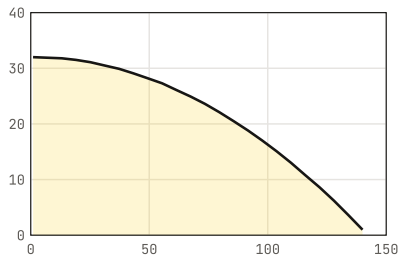
Model	A	B	C	D	E	F
AS-STREAM 100	151	110	70	100	33	6
AS-STREAM 125	181	130	69	120	33	6

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

AS-STREAM 100 2,700 min⁻¹ · 0.01 kW



AS-STREAM 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-STREAM 100	11	22	37	36	37	35	32	27	**43**	25
AS-STREAM 125	16	27	42	41	42	40	37	32	**48**	30

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.