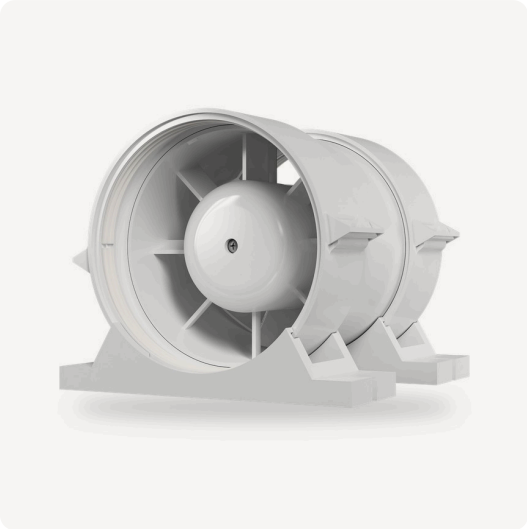
J15 · RESIDENTIAL BATHROOM FANS

AS-PRIMO

Residential Duct Type Ventilation Fans



AS-PRIMO duct type ventilation fans can be used for exhaust or supply ventilation, depending on the installation method. They are mounted in line with VP ducts, and service or removal does not require complete dismantling of the duct.

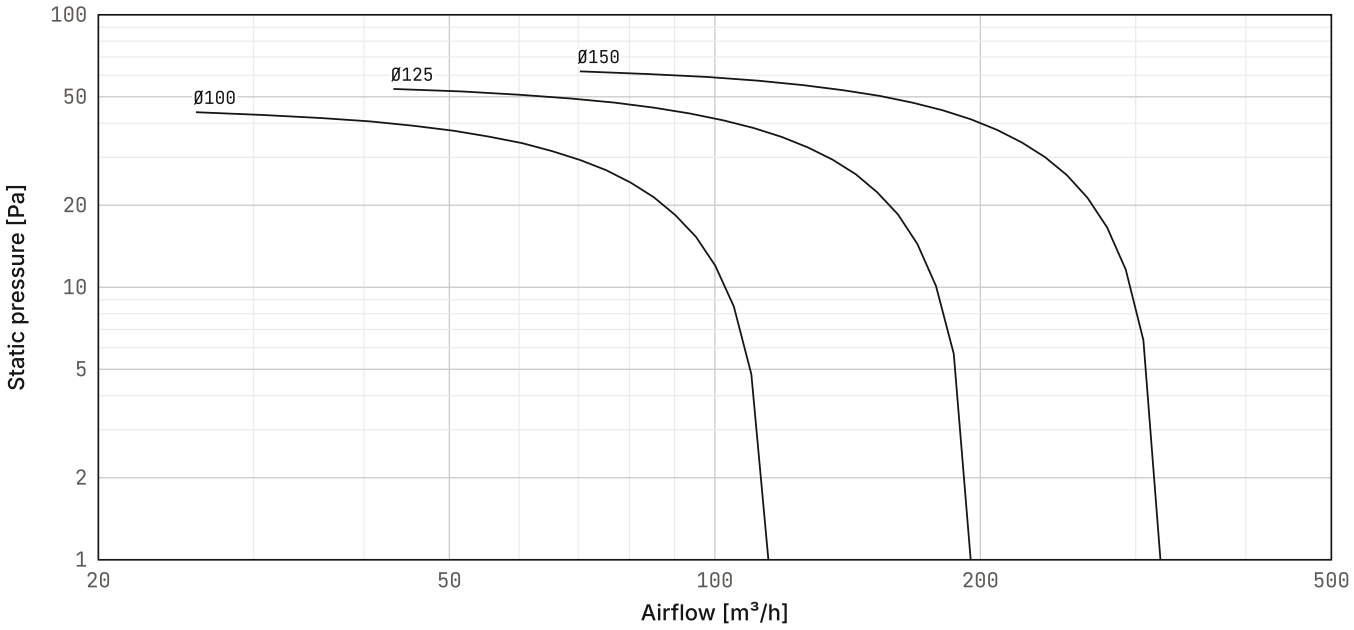
The unique mounting system provides easy installation, and the brackets are included. The fans have a round duct connection and are available in Ø100, Ø125 and Ø150 mm sizes, with a plastic impeller. They can be installed vertically or horizontally.

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-PRIMO 100	100	0.01	2,700	230 V 1~	0.1	115	46	34
AS-PRIMO 125	125	0.02	2,700	230 V 1~	0.1	195	56	36
AS-PRIMO 150	150	0.02	2,700	230 V 1~	0.1	320	65	38

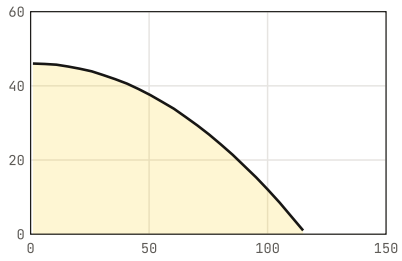
Dimensions [mm]

Model	A	B	C	D	E	F
AS-PRIMO 100	150	131	76	60	100	125
AS-PRIMO 125	170	151	82	66	125	145
AS-PRIMO 150	195	176	86	70	150	170

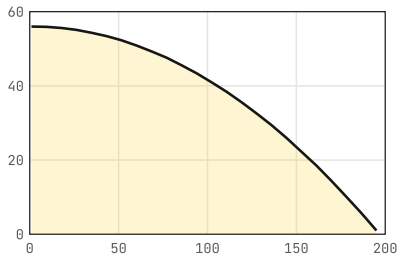
Performance curves

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

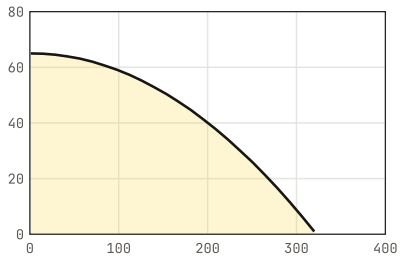
AS-PRIMO 100 — 2,700 min⁻¹ · 0.01 kW



AS-PRIMO 125 — 2,700 min⁻¹ · 0.02 kW



AS-PRIMO 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-PRIMO 100	20	31	46	45	46	44	41	36	**52**	34
AS-PRIMO 125	22	33	48	47	48	46	43	38	**54**	36
AS-PRIMO 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.