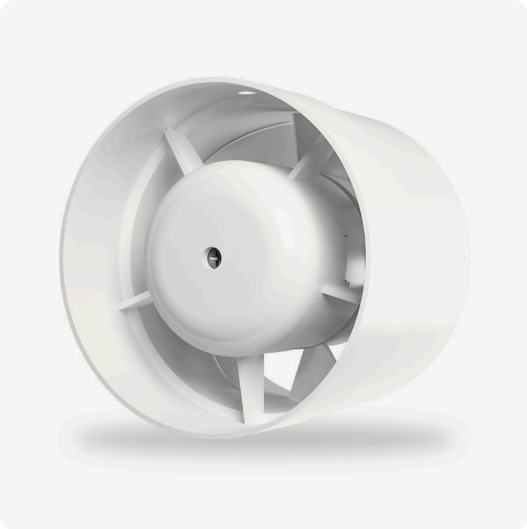
J16 · RESIDENTIAL BATHROOM FANS

AS-WAY

Residential Duct Connected Ventilation Fans



AS-WAY duct connected ventilation fans can be mounted between air ducts or at the outlet of a ventilation duct. They are suitable for both exhaust and supply ventilation systems in bathrooms.

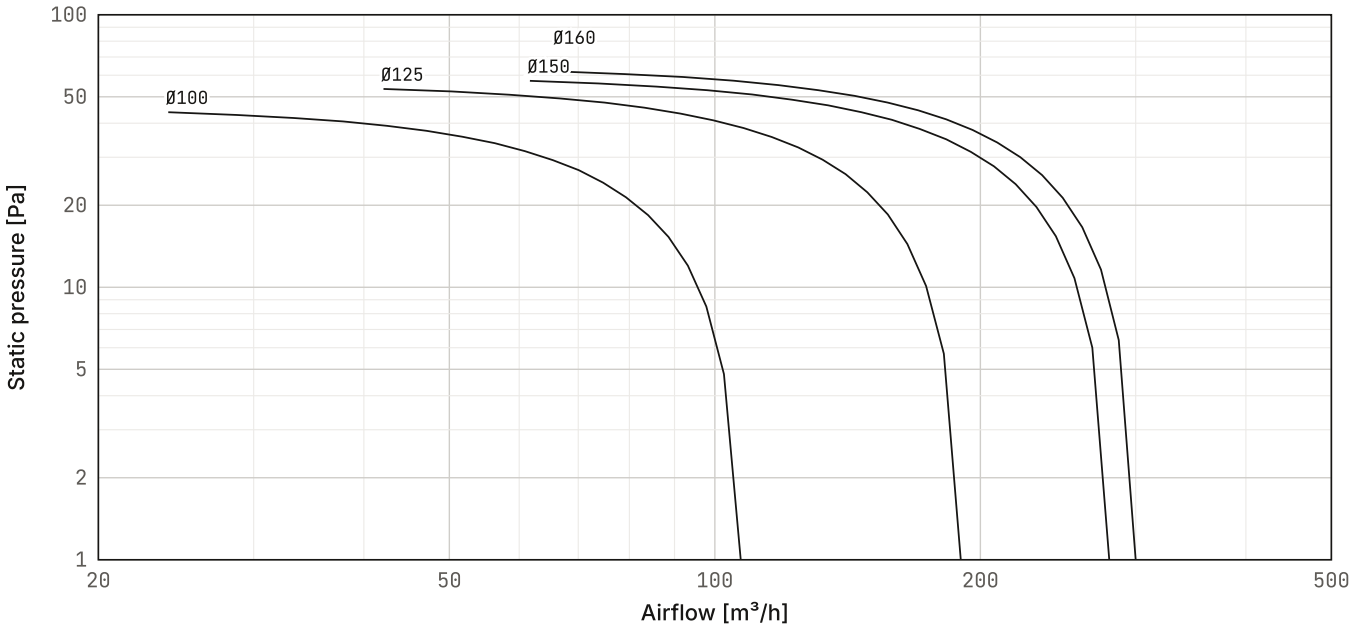
The fans have a round duct connection and cover sizes from Ø100 to Ø160 mm, with a plastic impeller. Air discharge can be horizontal or vertical.

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
300 m³/h	65 Pa	100 – 160 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

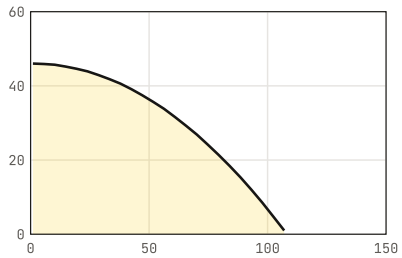
Model	Ø [mm]	Motor [kW]	Speed [min⁻¹]	Supply	I [A]	Max. airflow [m³/h]	Max. pressure [Pa]	LpA 1 m [dB(A)]
AS-WAY 100	100	0.01	2,700	230 V 1~	0.1	107	46	34
AS-WAY 125	125	0.02	2,700	230 V 1~	0.1	190	56	36
AS-WAY 150	150	0.02	2,700	230 V 1~	0.1	280	60	38
AS-WAY 160	160	0.02	2,700	230 V 1~	0.1	300	65	39

Dimensions [mm]

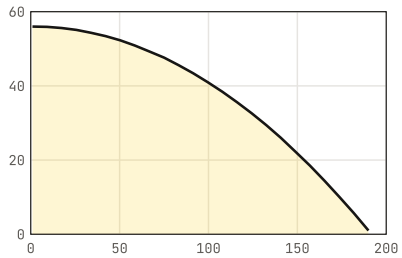
Model	A	B	C	D
AS-WAY 100	100	103	80	30
AS-WAY 125	125	128	87	30
AS-WAY 150	150	153	104	35
AS-WAY 160	160	163	101	35

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

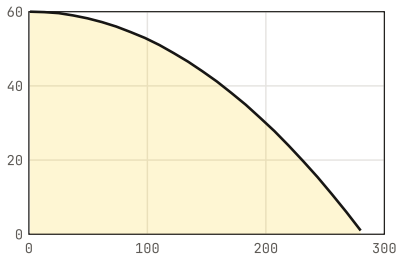
AS-WAY 100 2,700 min⁻¹ · 0.01 kW



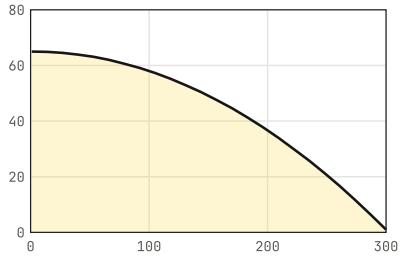
AS-WAY 125 2,700 min⁻¹ · 0.02 kW



AS-WAY 150 2,700 min⁻¹ · 0.02 kW



AS-WAY 160 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-WAY 100	20	31	46	45	46	44	41	36	**52**	34
AS-WAY 125	22	33	48	47	48	46	43	38	**54**	36
AS-WAY 150	24	35	50	49	50	48	45	40	**56**	38
AS-WAY 160	25	36	51	50	51	49	46	41	**57**	39

Notes

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