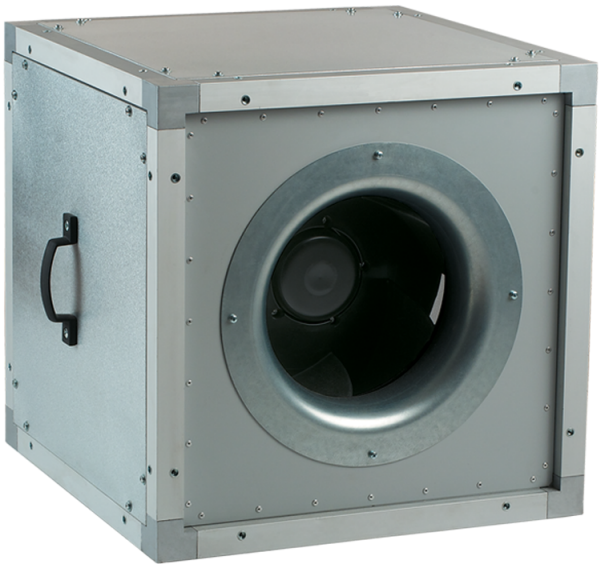
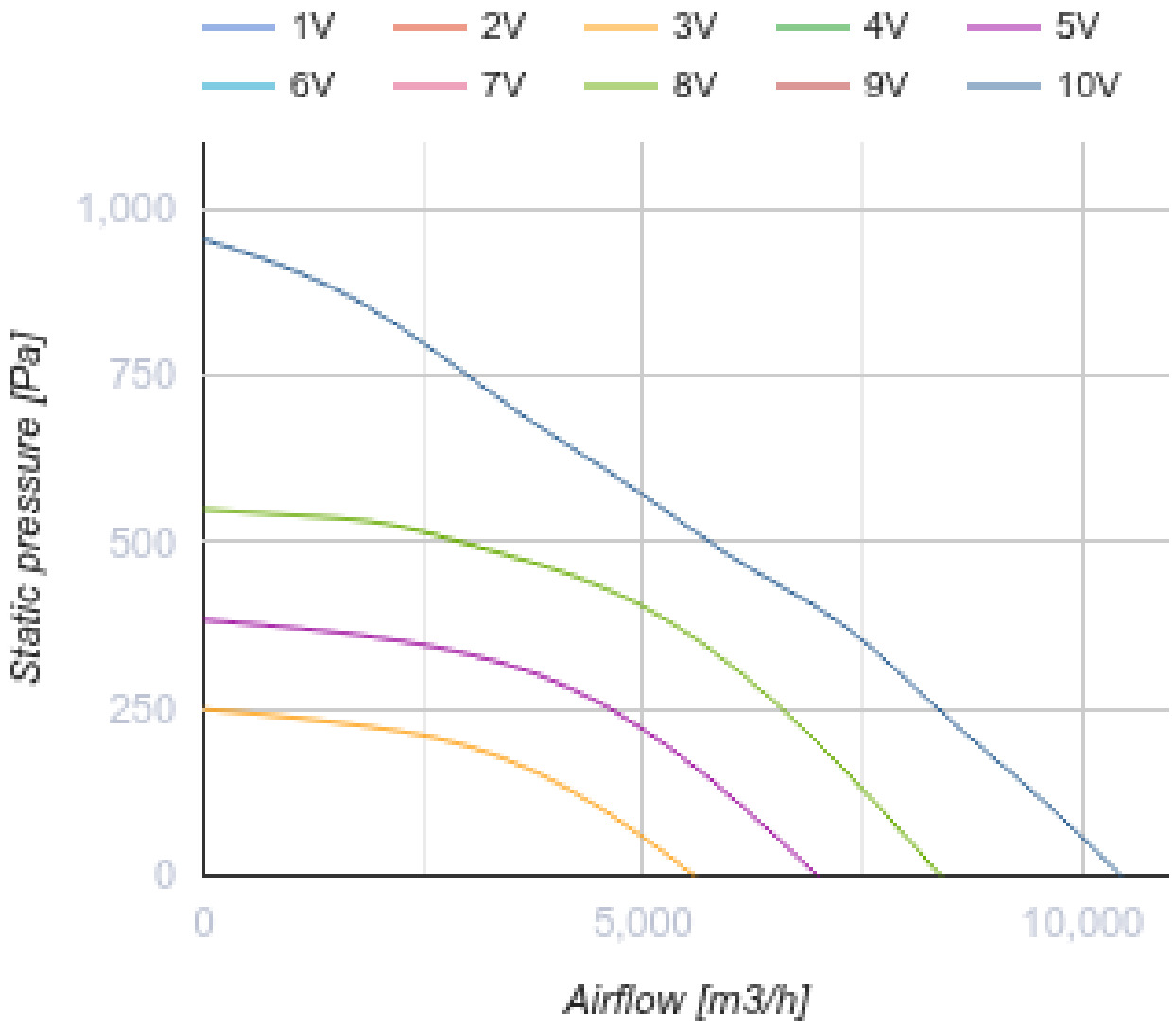
VS 500 EC

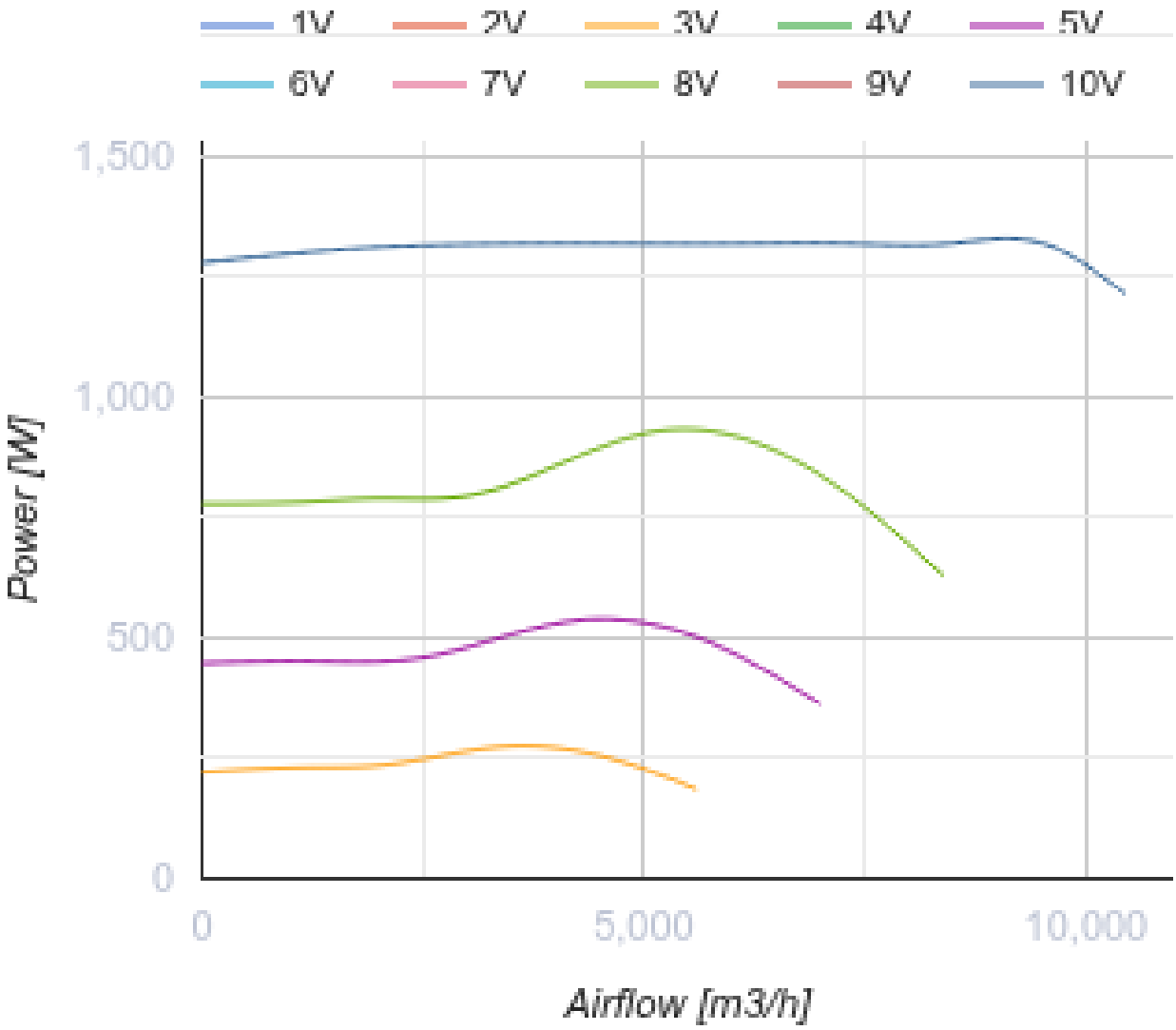


Centrifugal inline fans in sound-insulated casing with EC-motors

- Sound pressure level LpA at 3 m: 45
- Sound-insulated casing
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Aluzinc
- Installation in any position

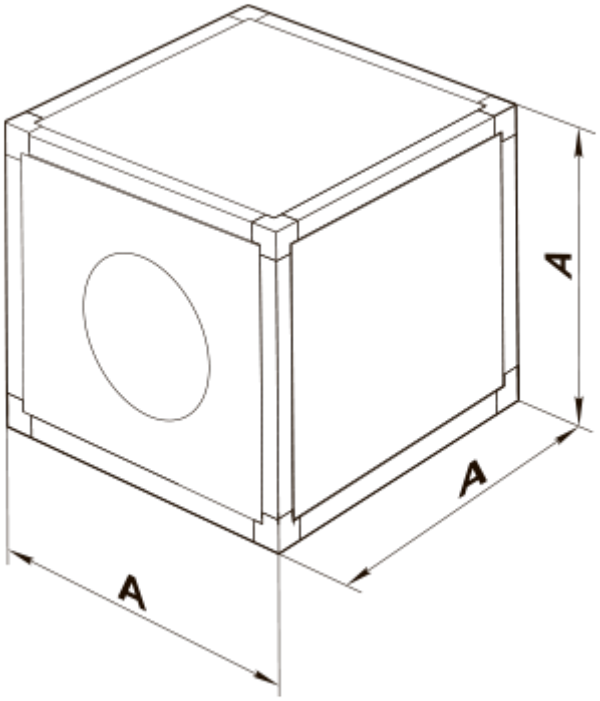
	Unit of measurement	VS 500 EC
Connected air duct size	mm	500
Phases	-	3
Minimum supply voltage	V	380
Maximum supply voltage	V	480
Power supply frequency	Hz	50/60
Rated power	W	1320
Unit current	A	2.1
Maximum airflow	m³/h	10450
Rotation speed at 50hz	-	1350
Sound pressure level LpA at 3 m	dB(A)	45
Weight	kg	50
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Impeller material	-	Plastic


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
1,000
750
500
250
0
Static pressure [Pa]
0
5,000
10,000
Airflow [m3/h]



Dimensions

A
670



Accessories

Speed controllers for EC motors

Name	Photo	Description
R-1/010		Speed controller for EC motors

Ecodesign

Trademark	Vents
Model	VS 500 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	534
Maximum external leakage rates (%)	2.7
Static efficiency (%)	58.5
Declared typology	NRVU UVU
Effective electric power input (kW)	1.32
Sound power level (dB(A))	65