

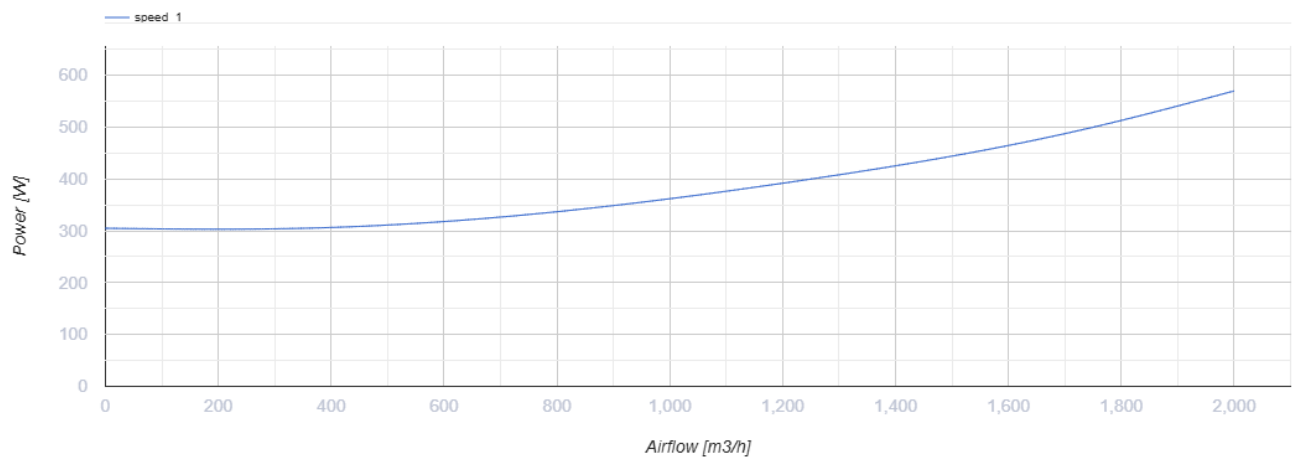
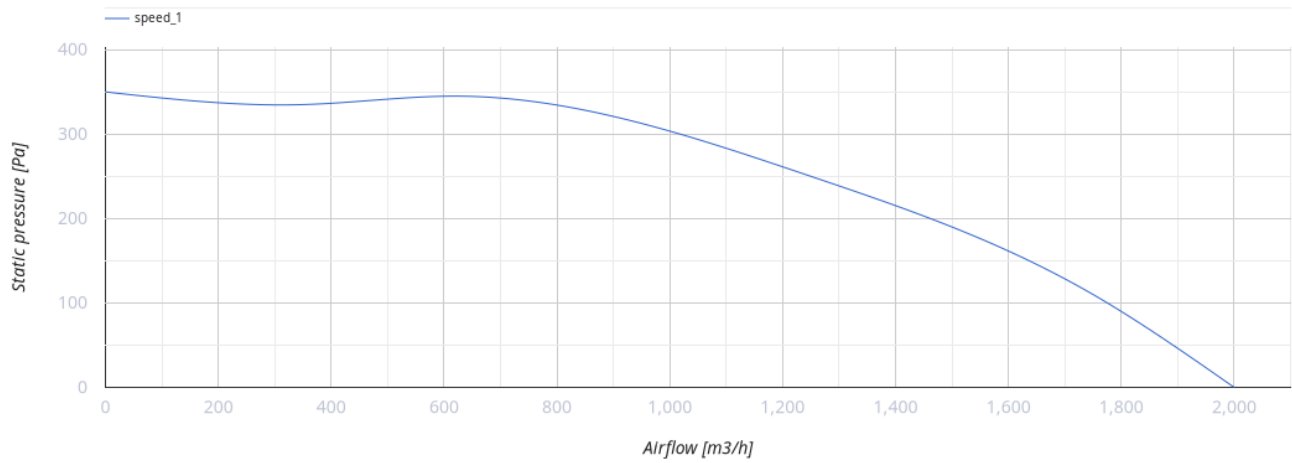
# VCU 4E 250x140



Scroll-type single-inlet centrifugal fans powered by external rotor motor

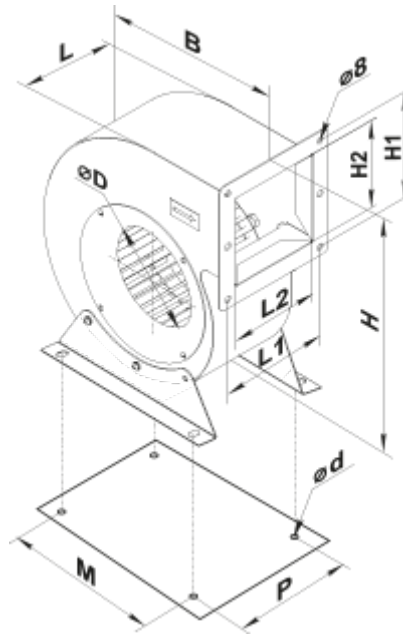
- Maximum airflow: 2000
- Sound pressure level LpA at 3 m: 60
- Motor type: AC
- Impeller type: Centrifugal forward curved blades
- Casing material: Polypropylene/Thermoplastic elastomer

	Unit of measurement	VCU 4E 250x140
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	570
Unit current	A	2.48
Maximum airflow	m <sup>3</sup> /h	2000
Sound pressure level LpA at 3 m	dB(A)	60
Weight	kg	16.3
Transported air temperature (max)	°C	70
Transported air temperature (min)	°C	-40
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44











## Dimensions







ØD	B	H	H1	H2	L	L1	L2	P	M	d
250	410	485	230	191	205	230	197	238	270	11



## Accessories

### Speed controllers

Name	Photo	Description
<a href="#">RS-2.5-N</a>		Speed controller
<a href="#">RS-2.5-V</a>		Speed controller
<a href="#">RS-2.5-PS</a>		Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control
<a href="#">RS-4.0-PS</a>		Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control
<a href="#">RS-3.0-T</a>		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
<a href="#">RS-5.0-T</a>		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
<a href="#">RS-10.0-T</a>		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
<a href="#">RS-3.0-TA</a>		Applied in ventilation systems for switching ON/OFF and speed controlling of single-phase power-controlled motors

<a href="#">RS-5,0-TA</a>		Applied in ventilation systems for switching ON/OFF and speed controlling of single-phase power-controlled motors
<a href="#">RS-10,0-TA</a>		Applied in ventilation systems for switching ON/OFF and speed controlling of single-phase power-controlled motors
<a href="#">RSA5E-3-M</a>		Speed controls enables not only selecting the comfortable ventilation mode for the periodically visited premises but reducing the energy consumption for the ventilation
<a href="#">RSA5E-4-M</a>		Speed controls enables not only selecting the comfortable ventilation mode for the periodically visited premises but reducing the energy consumption for the ventilation
<a href="#">RSA5E-3,5-T</a>		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control
<a href="#">RSA5E-5,0-T</a>		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control

## Ecodesign

Trademark	Vents
Model	VCU 4E 250x140
Type of drive installed	External MSD or VSD
Type of heat recovery system	None
Nominal flow rate (m <sup>3</sup> /s)	0.303
Nominal external pressure (Pa)	286
Maximum external leakage rates (%)	2.7
Static efficiency (%)	22.7
Declared typology	NRVU UVU
Effective electric power input (kW)	0.389
Sound power level (dB(A))	80