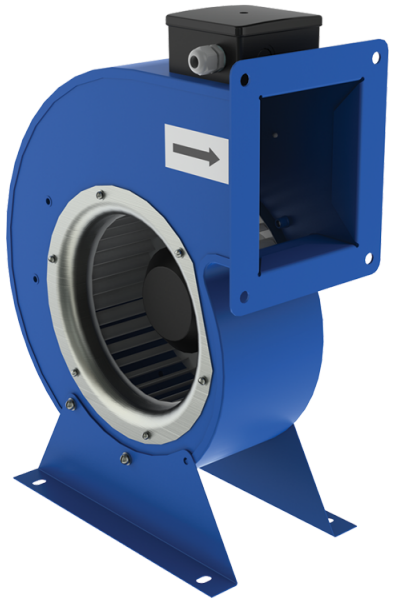
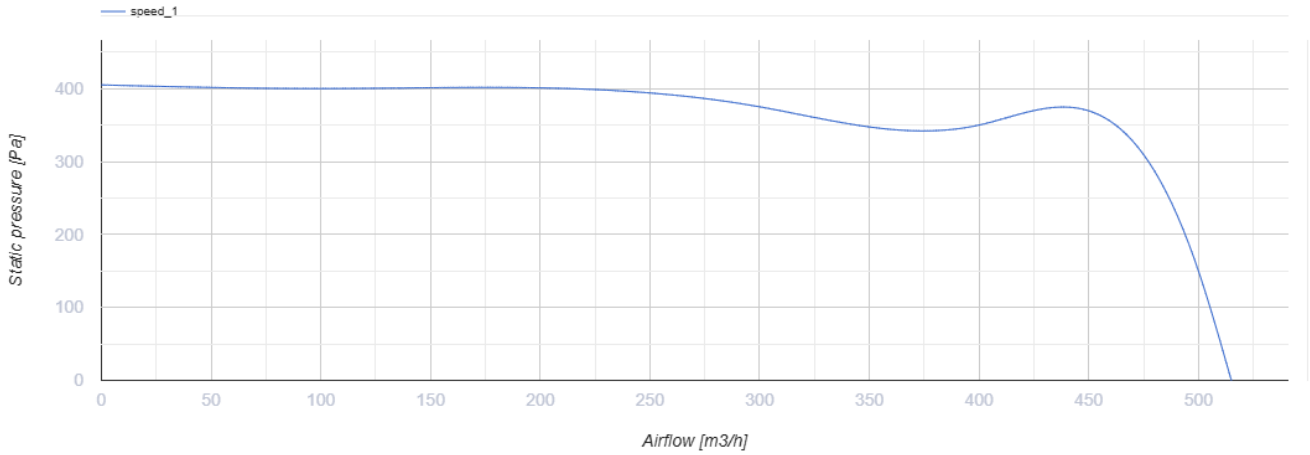
VCU 2E 140x60

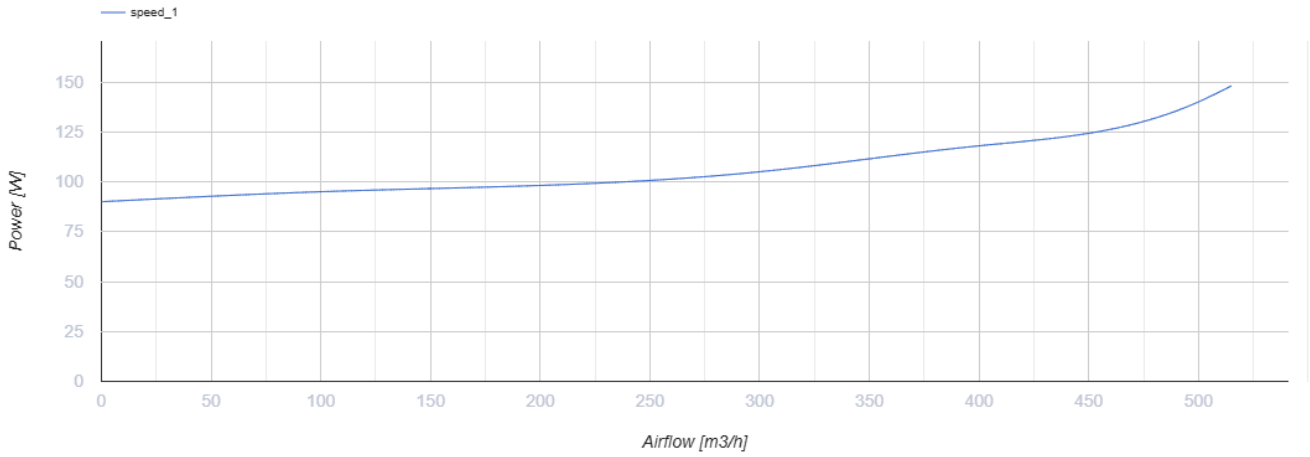


Radial fans

• Sound pressure level LpA at 3 m: 68
• Impeller type: Centrifugal impeller with forward curved blades
• Casing material: Coated steel

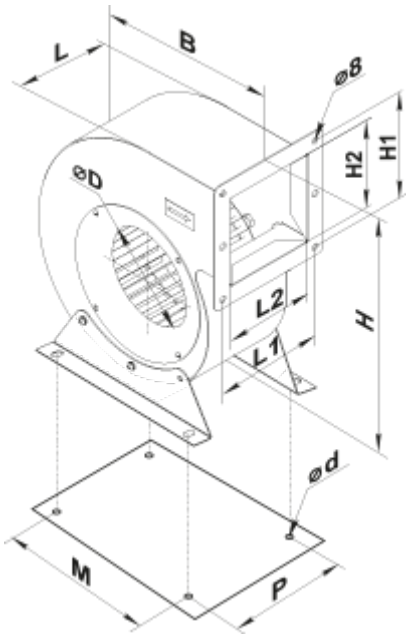
	Unit of measurement	VCU 2E 140x60
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	148
Unit current	A	0.64
Maximum airflow	m³/h	515
Rotation speed at 50hz	-	2820
Sound pressure level LpA at 3 m	dB(A)	68
Weight	kg	3.7
Transported air temperature (max)	°C	45
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Galvanized steel





Dimensions

ØD	B	H	H1	H2	L	L1	L2	P	M	d
140	243	287	125	92.5	86	110	78.4	116	150	9

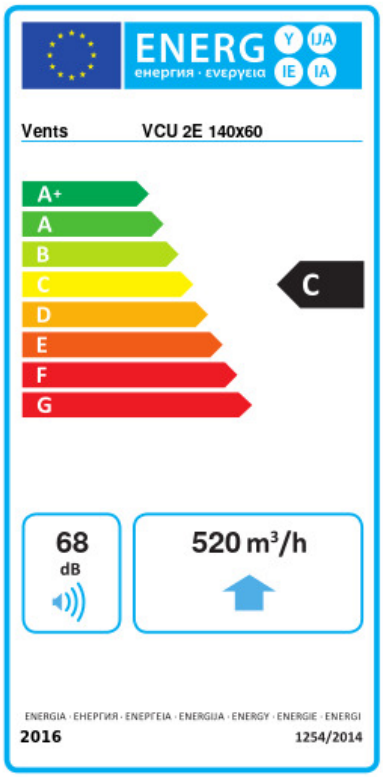


Accessories

Transformer speed controllers

Name	Photo	Description
RSA5E-3,5-T		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control
RSA5E-5,0-T		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control
RSA5E-7,5-T		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control

Ecodesign



Trademark	Vents					
Model	VCU 2E 140x60					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-52.4	A+	-25.3	C	-9.8	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	520					
Electric power input (W)	148					
Reference flow rate (m³/s)	0.101					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.224					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	68					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	118		118		118	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	