

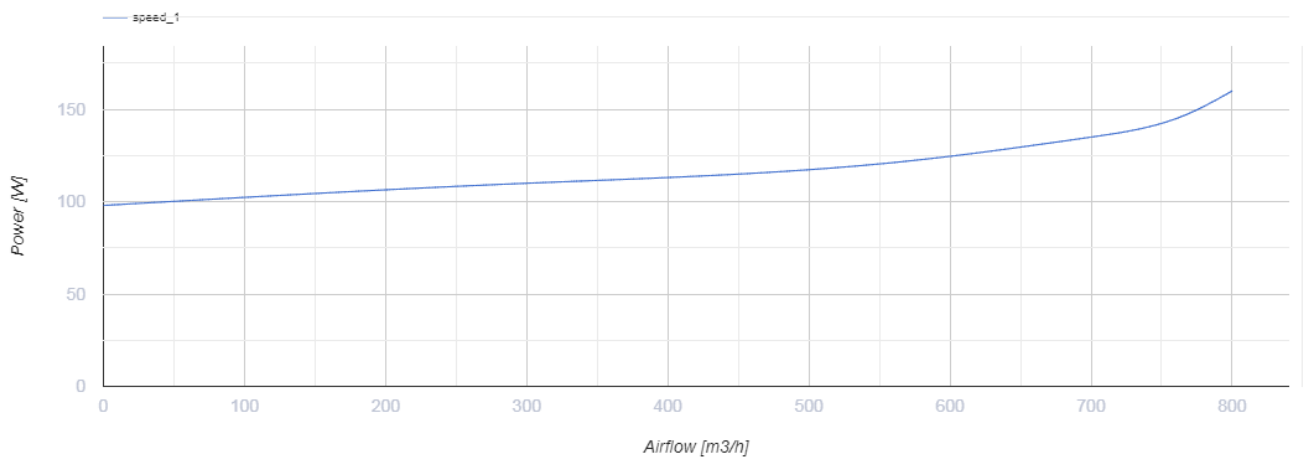
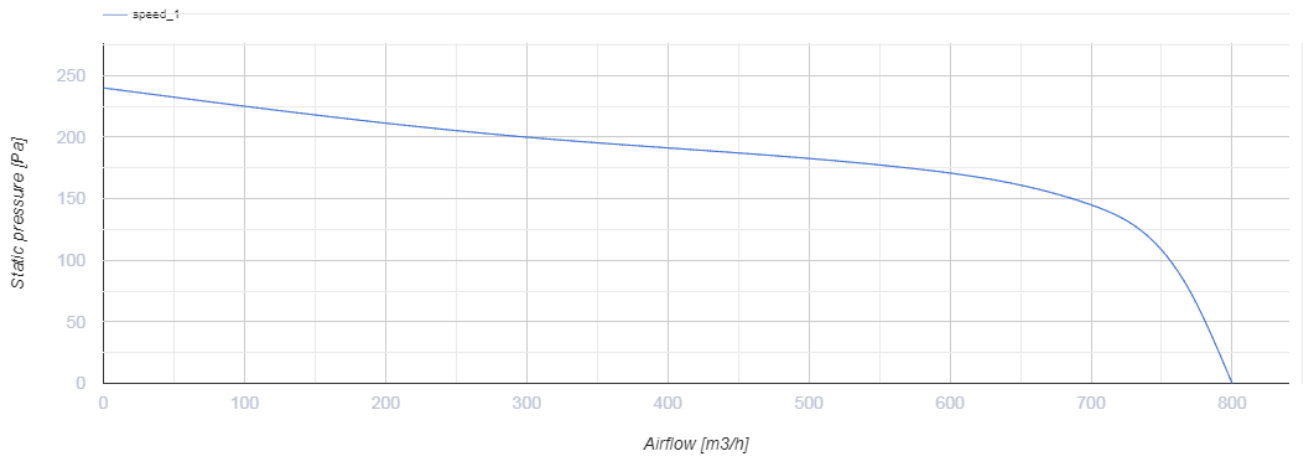
# VCU 4E 180x92



## Radial fans

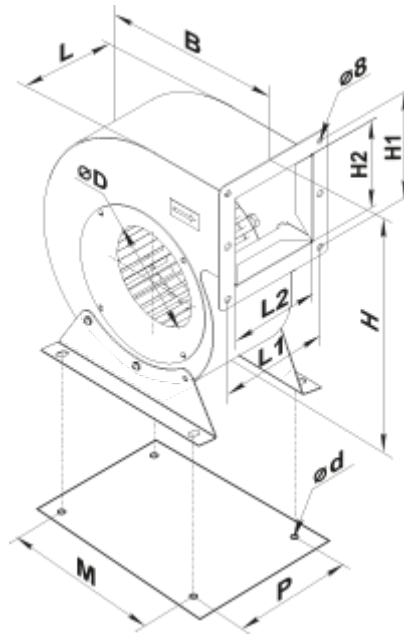
- Maximum airflow: 800
- Sound pressure level LpA at 3 m: 62
- Motor type: AC
- Impeller type: Centrifugal forward curved blades
- Casing material: Polypropylene/Thermoplastic elastomer

	Unit of measurement	VCU 4E 180x92
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	160
Unit current	A	0.7
Maximum airflow	m <sup>3</sup> /h	800
Sound pressure level LpA at 3 m	dB(A)	62
Weight	kg	7.1
Transported air temperature (max)	°C	45
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44











## Dimensions

ØD	B	H	H1	H2	L	L1	L2	P	M	d
180	311	360	150	120	148	170	140.4	181	230	9



## Accessories

### Speed controllers





Name	Photo	Description
<a href="#">RS-1-300</a>		Speed controller
<a href="#">RS-1-400</a>		Speed controller
<a href="#">RS-1 N</a>		Speed controller
<a href="#">RS-1 V</a>		Speed controller
<a href="#">RS-1.5 N</a>		Speed controller
<a href="#">RS-1.5 V</a>		Speed controller
<a href="#">RS-2 N</a>		Speed controller
<a href="#">RS-2 V</a>		Speed controller

<a href="#">RS-2,5 N</a>		Speed controller
<a href="#">RS-2,5 V</a>		Speed controller
<a href="#">RS-1,5-PS</a>		Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control
<a href="#">RS-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-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="#">RSA5E-2-P</a>		Speed control enables not only selecting the comfortable ventilation mode for the periodically visited premises but reducing the energy consumption for the ventilation
<a href="#">RSA5E-2-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-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

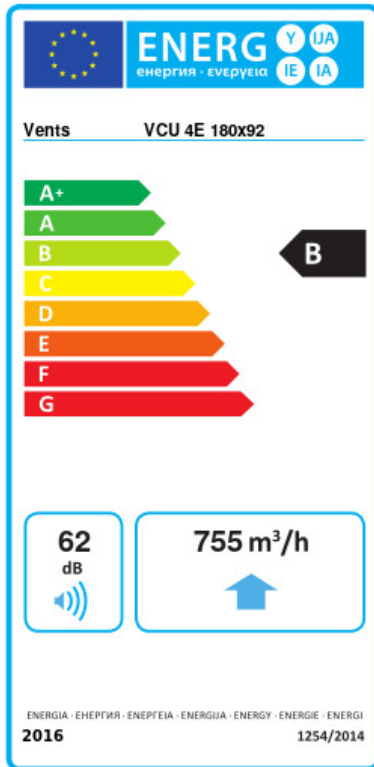
## Temperature regulators

Name	Photo	Description
<a href="#">RT-10</a>		Temperature regulator

**Sensors**

Name	Photo	Description
<a href="#">T-1,5 N</a>		Humidity / light / motion sensors, timers
<a href="#">TH-1,5 N</a>		Humidity / light / motion sensors, timers
<a href="#">TF-1,5 N</a>		Humidity / light / motion sensors, timers
<a href="#">TP-1,5 N</a>		Humidity / light / motion sensors, timers

## Ecodesign



Trademark	Vents					
Model	VCU 4E 180x92					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-53.2	A+	-26.1	B	-10.6	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m <sup>3</sup> /h)	755					
Electric power input (W)	160					
Reference flow rate (m <sup>3</sup> /s)	0.147					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.167					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	62					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	88		88		88	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	