

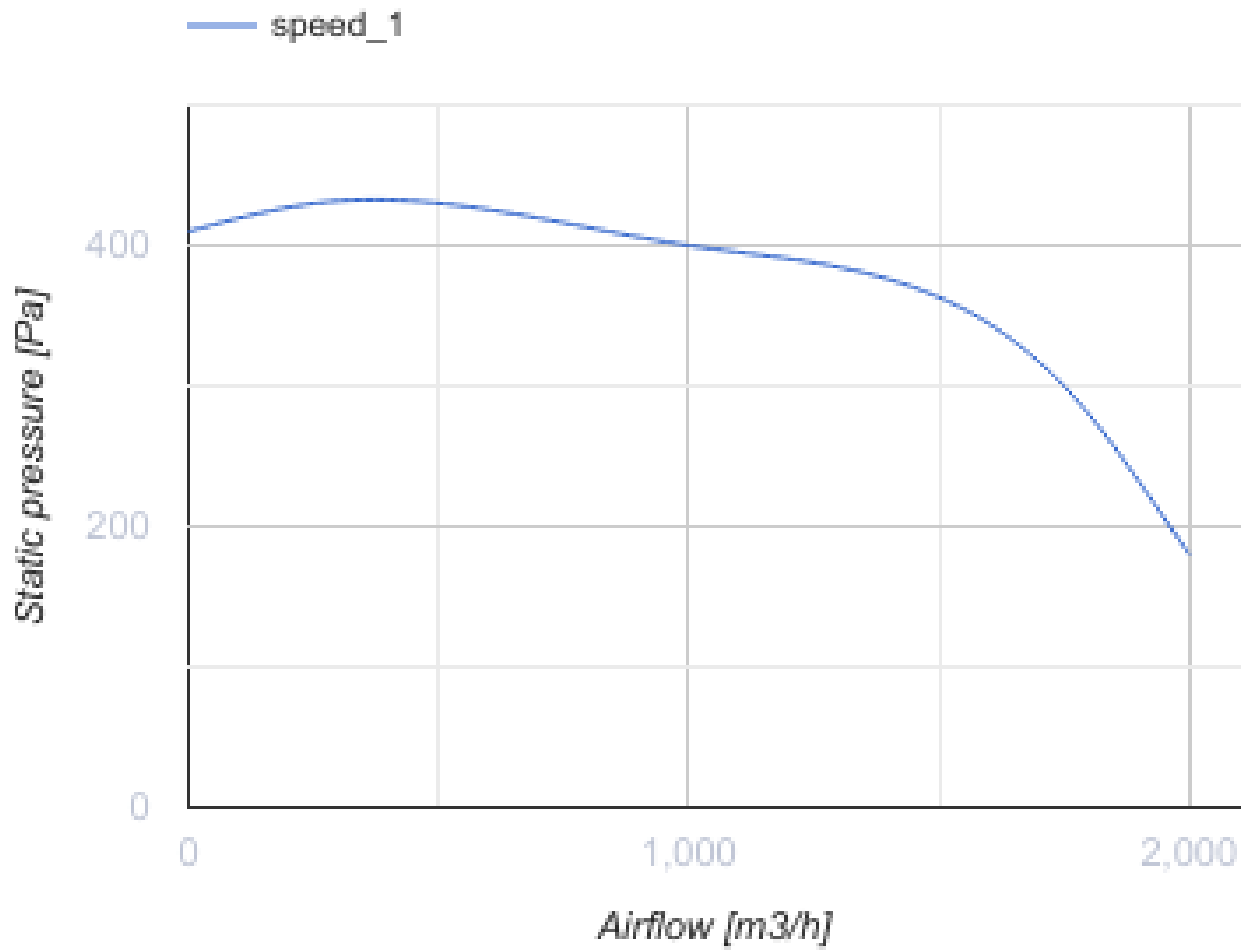
VCU 4E 250x102



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

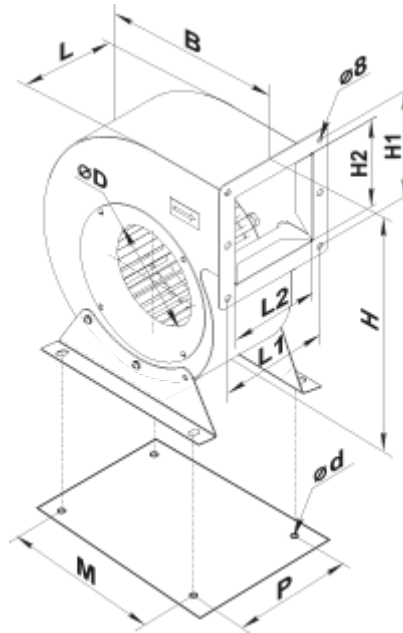
- Maximum airflow: 2000
- Sound pressure level LpA at 3 m: 63
- Motor type: AC
- Impeller type: Centrifugal forward curved blades
- Casing material: Polypropylene/Thermoplastic elastomer

| | Unit of measurement | VCU 4E 250x102 |
|--|---------------------|----------------|
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 810 |
| Unit current | A | 3.65 |
| Maximum airflow | m ³ /h | 2000 |
| Sound pressure level LpA at 3 m | dB(A) | 63 |
| 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 | 165 | 190 | 157 | 198 | 270 | 11 |



Accessories

Speed controllers

| Name | Photo | Description |
|-----------------------------|---|--|
| RS-4,0-PS |  | Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control |
| RS-5,0-T |  | Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors |
| RS-10,0-T |  | Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors |
| RS-5,0-TA |  | Applied in ventilation systems for switching ON/OFF and speed controlling of single-phase power-controlled motors |
| RS-10,0-TA |  | Applied in ventilation systems for switching ON/OFF and speed controlling of single-phase power-controlled motors |
| RSA5E-4-M |  | Speed controls enables not only selecting the comfortable ventilation mode for the periodically visited premises but reducing the energy consumption for the ventilation |
| RSA5E-5,0-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 4E 250x102 |
| Type of drive installed | External MSD or VSD |
| Type of heat recovery system | None |
| Nominal flow rate (m ³ /s) | 0.389 |
| Nominal external pressure (Pa) | 372 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 28.5 |
| Declared typology | NRVU UVU |
| Effective electric power input (kW) | 0.519 |
| Sound power level (dB(A)) | 83 |