

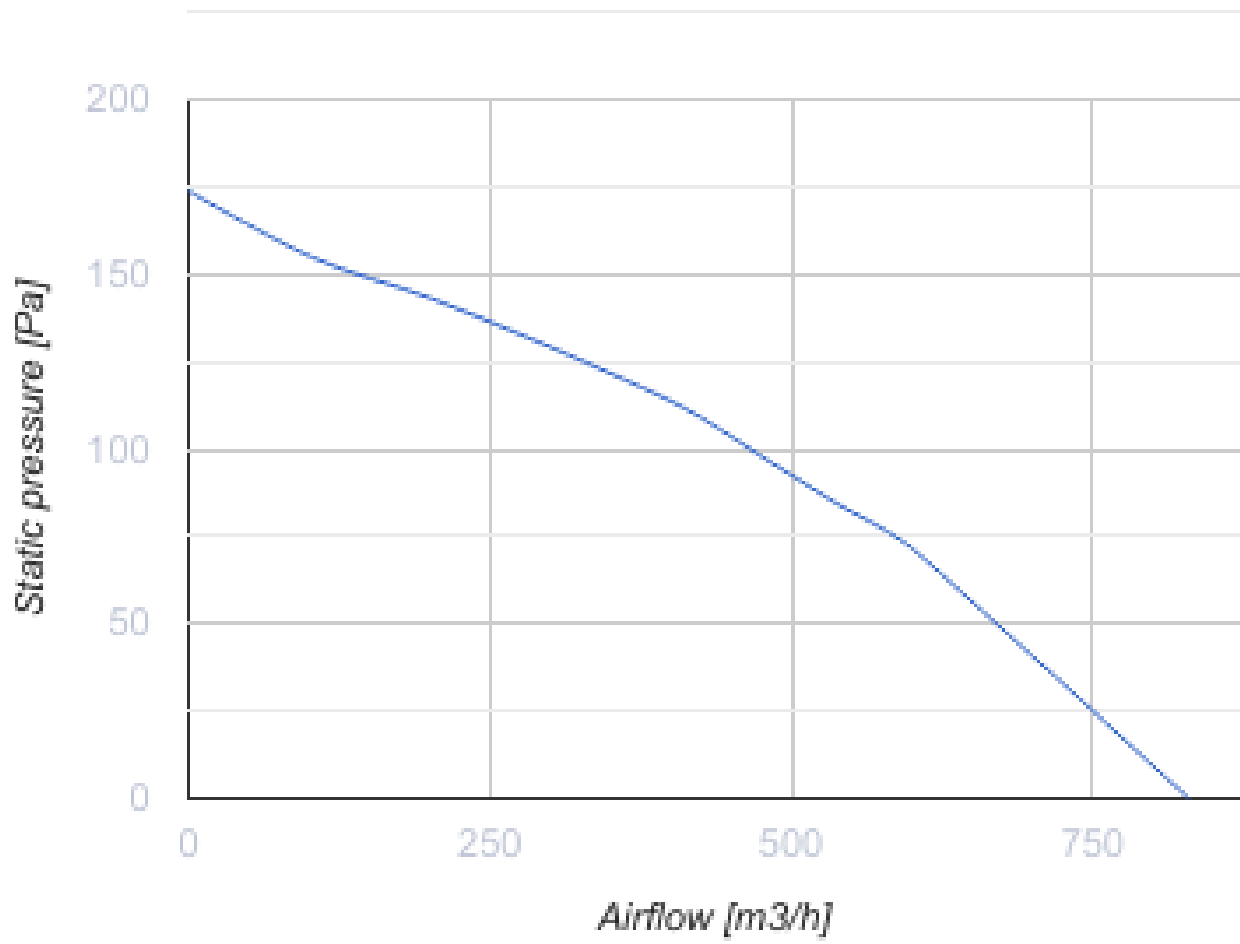
# VKHC 4E 250

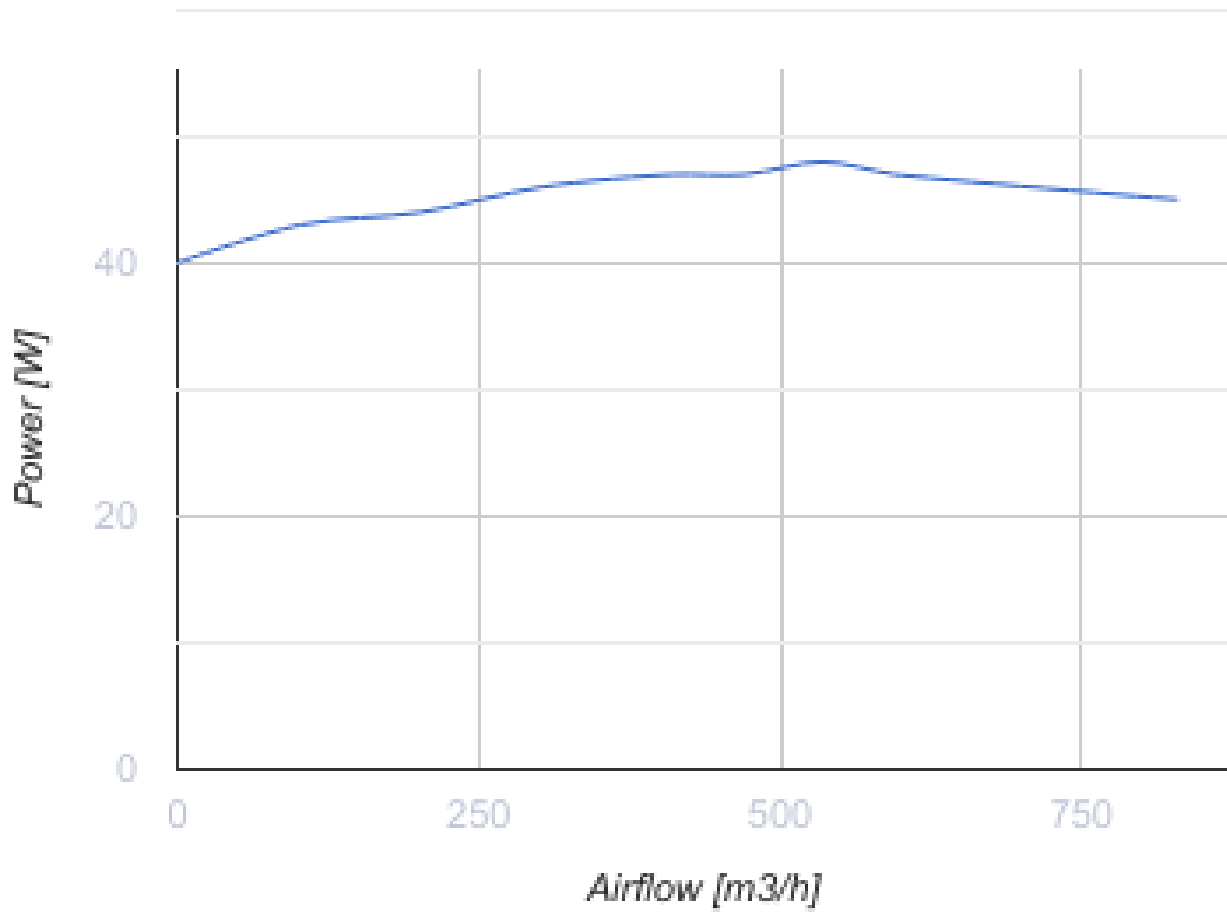


Centrifugal roof fans with horizontal air exhaust

- Maximum airflow: 830
- Sound pressure level LpA at 3 m: 46
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel

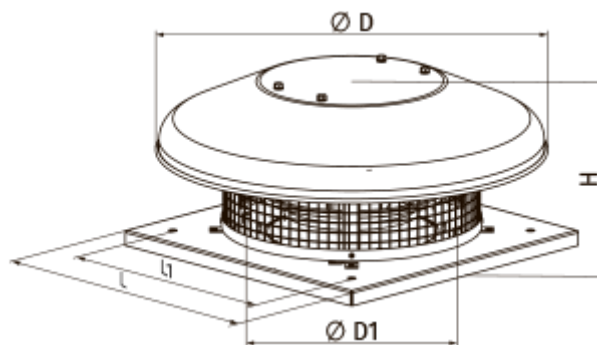
|  | Unit of measurement | VKHC 4E 250 |
|--|---------------------|-------------|
| Speed                                  | -                   | 1           |
| Phases                                 | -                   | 1           |
| Minimum supply voltage                 | V                   | 230         |
| Maximum supply voltage                 | V                   | 230         |
| Power supply frequency                 | Hz                  | 50          |
| Rated power                            | W                   | 48          |
| Unit current                           | A                   | 0.23        |
| Maximum airflow                        | m <sup>3</sup> /h   | 830         |
| rotation speed at 50hz                 | -                   | 1440        |
| Sound pressure level LpA at 3 m        | dB(A)               | 46          |
| Weight                                 | kg                  | 8           |
| Transported air temperature (max)      | °C                  | 50          |
| Transported air temperature (min)      | °C                  | -25         |
| Ingress protection rating              | -                   | IPX4        |
| Ingress protection rating of the drive | -                   | IP44        |



















## Dimensions

| H   | ØD  | ØD1 | L   | L1  |
|-----|-----|-----|-----|-----|
| 224 | 503 | 285 | 420 | 330 |



## Accessories

**Speed controllers**

| Name                         | Photo   | Description   |
|------------------------------|---|---|
| <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="#">RS-1-400</a>     |    | Speed controller  |
| <a href="#">RS-1-300</a>     |    | Speed controller  |
| <a href="#">RSA5D-1,5-M</a>  |    | Three phase speed controller  |
| <a href="#">RSA5D-3,5-T</a>  |    | Three phase speed controller  |
| <a href="#">RSA5D-1,5-T</a>  |    | Three phase speed controller  |
| <a href="#">RSA5D-2,5-M</a>  |   | Three phase speed controller  |
| <a href="#">RSA5D-6,0-M</a>  |  | Three phase speed controller  |
| <a href="#">RSA5D-8,0-M</a>  |  | Three phase speed controller  |
| <a href="#">RSA5D-11,0-M</a> |  | Three phase speed controller  |
| <a href="#">RSA5D-12,0-M</a> |  | Three phase speed controller  |
| <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   |

## Ecodesign

|                                       |                |
|---------------------------------------|----------------|
| Trademark                             | Vents          |
| Model                                 | VKHC 4E 250    |
| Type of drive installed               | Integrated VSD |
| Type of heat recovery system          | None           |
| Nominal flow rate (m <sup>3</sup> /s) | 0.131          |
| Nominal external pressure (Pa)        | 99             |
| Maximum external leakage rates (%)    | 2.7            |
| Static efficiency (%)                 | 33.2           |
| Effective electric power input (kW)   | 0.047          |
| Sound power level (dB(A))             | 58             |
| Declared typology                     | NRVU UVU       |