

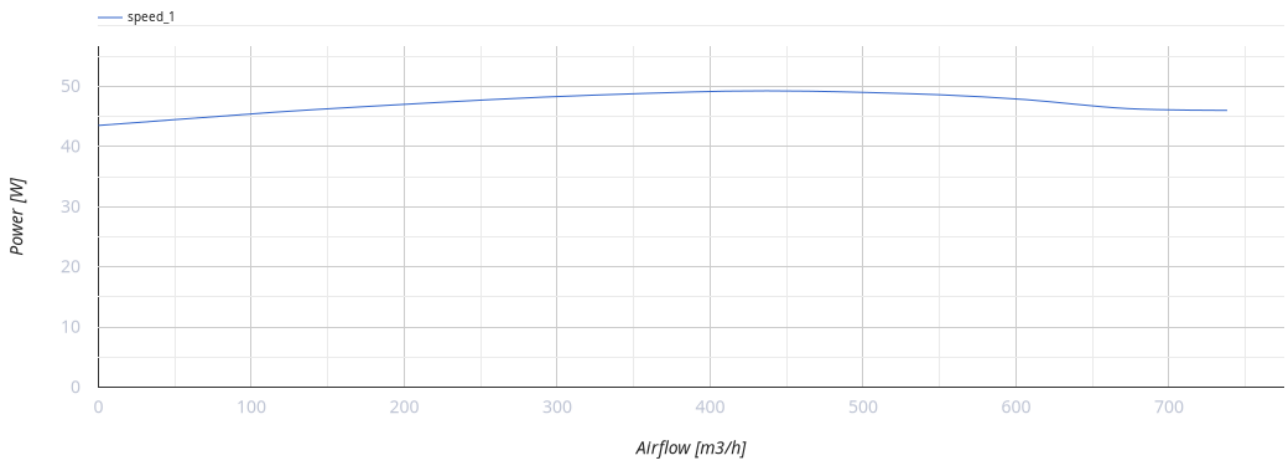
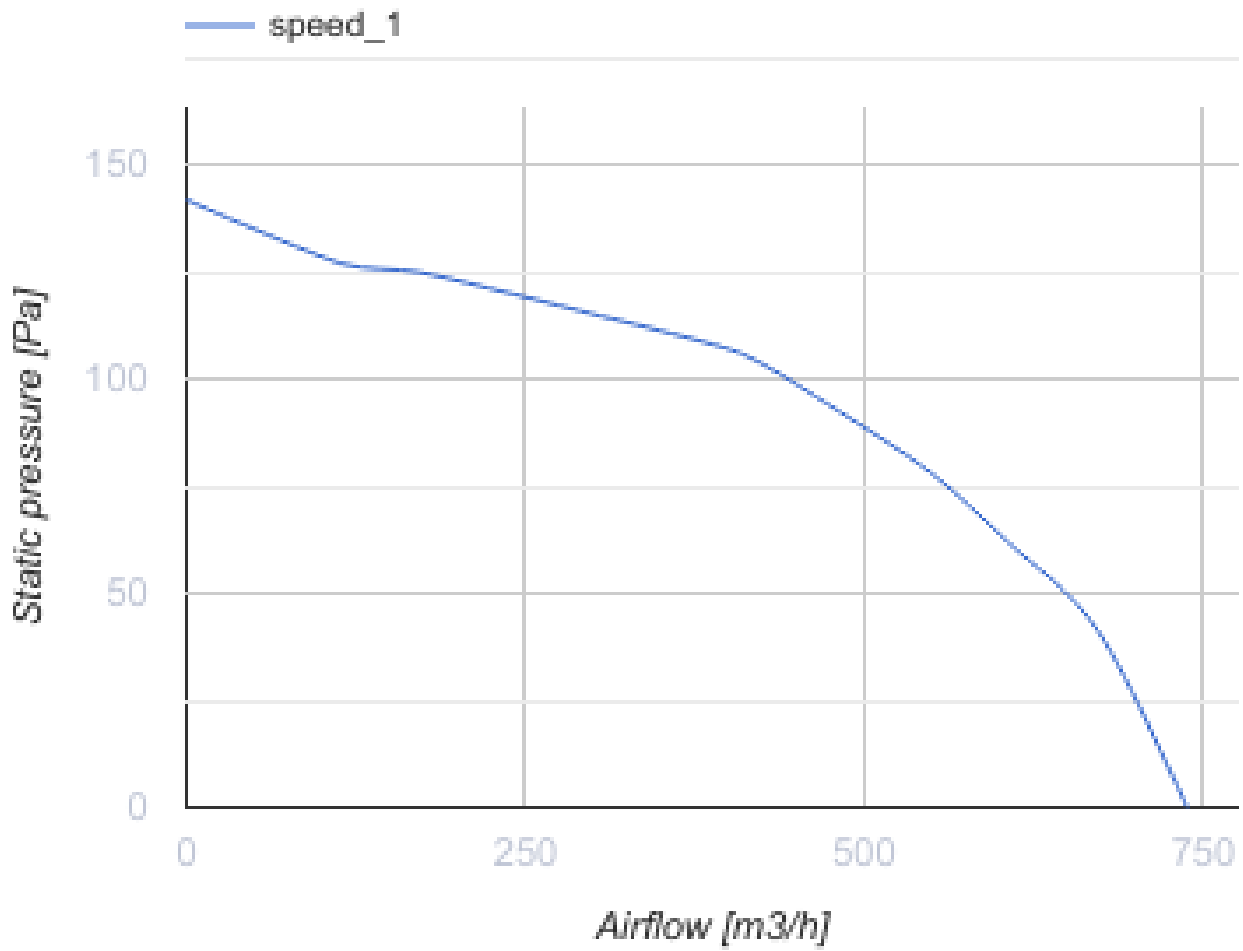
# VKHz 4E 225



Centrifugal roof fans with horizontal air exhaust

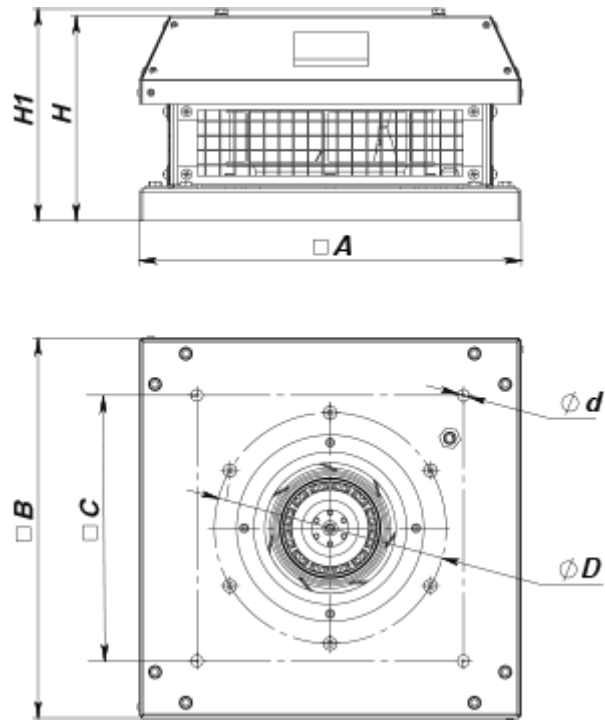
- Maximum airflow: 738
- Sound pressure level LpA at 3 m: 45
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel

|  | Unit of measurement | VKHz 4E 225 |
|--|---------------------|-------------|
| Speed                                  | -                   | 1           |
| Minimum supply voltage                 | V                   | 230         |
| Maximum supply voltage                 | V                   | 230         |
| Power supply frequency                 | Hz                  | 50          |
| Rated power                            | W                   | 49          |
| Unit current                           | A                   | 0.22        |
| Maximum airflow                        | m <sup>3</sup> /h   | 738         |
| Sound pressure level LpA at 3 m        | dB(A)               | 45          |
| Weight                                 | kg                  | 8.8         |
| Transported air temperature (max)      | °C                  | 50          |
| Transported air temperature (min)      | °C                  | -25         |
| Ingress protection rating              | -                   | IPX4        |
| Ingress protection rating of the drive | -                   | IP44        |

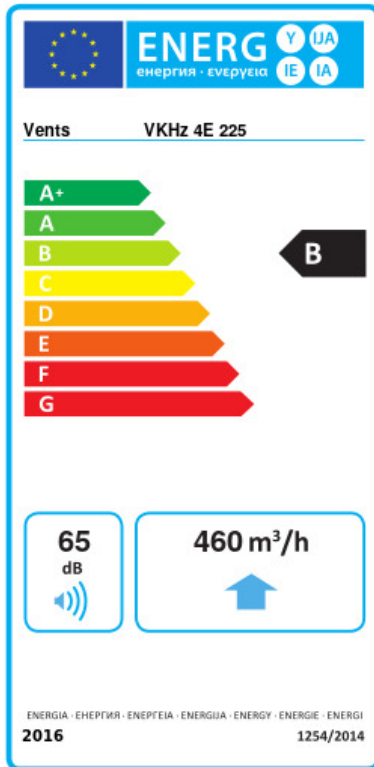


## Dimensions

| H   | H1  | A   | B   | C   | Ød | ØD  |
|-----|-----|-----|-----|-----|----|-----|
| 233 | 240 | 351 | 350 | 245 | 11 | 210 |



## Ecodesign



|   |                      |    |         |   |       |   |
|---|----------------------|----|---------|---|-------|---|
| Trademark   | Vents                |    |         |   |       |   |
| Model   | VKHz 4E 225          |    |         |   |       |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                 |    | Average |   | Warm  |   |
|   | -53.3                | A+ | -26.3   | B | -10.8 | 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)                       | 460                  |    |         |   |       |   |
| Electric power input (W)                                    | 49                   |    |         |   |       |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.089                |    |         |   |       |   |
| Reference pressure difference (Pa)                          | 50                   |    |         |   |       |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.152                |    |         |   |       |   |
| Control typology  | Local demand control |    |         |   |       |   |
| Maximum external leakage rates (%)                          | 2.7                  |    |         |   |       |   |
| Declared typology   | RVU UVU              |    |         |   |       |   |
| Sound power level (dB(A))                                   | 65                   |    |         |   |       |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                 |    | Average |   | Warm  |   |
|   | 81                   |    | 81      |   | 81    |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                 |    | Average |   | Warm  |   |
|   | 5536                 |    | 2830    |   | 1280  |   |