

VKH 2E 225



Centrifugal roof fans with horizontal air exhaust

- Maximum airflow: 915
- Sound pressure level LpA at 3 m: 51
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel

| | Unit of measurement | VKH 2E 225 |
|---|-------------------------|------------|
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 123 |
| Unit current | A | 0.54 |
| Maximum airflow | m ³ /h | 915 |
| Sound pressure level LpA at 3 m | dB(A) | 51 |
| Weight | kg | 9.2 |
| Transported air temperature (max) | °C | 50 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP44 |
| ErP compliance | - | 2016, 2018 |
| Cold - Specific energy consumption (SEC) | kWh/(m ³ /a) | 53.6 |
| SEC Class Cold | - | A+ |
| Average - Specific energy consumption (SEC) | kWh/(m ³ /a) | 26.5 |
| SEC Class Average | - | B |
| Warm - Specific energy consumption (SEC) | kWh/(m ³ /a) | 11 |
| SEC Class Warm | - | E |
| Unit category | - | RVU |

| | | |
|--|-----------------------|----------------------|
| Type of ventilation unit | - | Unidirectional |
| Type of drive installed | - | Variable speed |
| Type of heat recovery system | - | None |
| Maximum flow rate | m ³ /h | 780 |
| Electric power input | W | 135 |
| Reference flow rate | m ³ /s | 0.152 |
| Reference pressure difference | Pa | 50 |
| Specific power input (SPI) | W/(m ³ /h) | 0.136 |
| Control typology | - | Local demand control |
| Maximum external leakage rates | % | 2.7 |
| Cold - The annual electricity consumption (AEC) | kWh/a | 72 |
| Average - The annual electricity consumption (AEC) | kWh/a | 72 |
| Warm - Jährlicher Stromverbrauch (JSV) | kWh/a | 72 |
| Cold - The annual heating saved (AHS) | kWh/a | 5536 |
| The annual heating saved (AHS) Average | kWh/a | 2830 |
| The annual heating saved (AHS) Warm | kWh/a | 1280 |
| Declared typology | - | RVU UVU |
| Sound power level | dB(A) | 65 |

Dimensions

| H | H1 | A | B | C | Ød | ØD |
|-----|-----|-----|-----|-----|----|-----|
| 210 | 217 | 351 | 350 | 245 | 11 | 210 |

