

VKM 125 EC



Inline centrifugal fans in steel casing

- Maximum airflow: 480
- Sound pressure level LpA at 3 m: 45
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel
- Installation in any position

| | Unit of measurement | VKM 125 EC |
|---|-------------------------|------------|
| Connected air duct size | mm | 125 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 83 |
| Unit current | A | 0.58 |
| Maximum airflow | m ³ /h | 480 |
| Sound pressure level LpA at 3 m | dB(A) | 45 |
| Weight | kg | 3.2 |
| Transported air temperature (max) | °C | 60 |
| 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 ² /a) | 53.9 |
| SEC Class Cold | - | A+ |
| Average - Specific energy consumption (SEC) | kWh/(m ² /a) | 26.8 |
| SEC Class Average | - | B |
| Warm - Specific energy consumption (SEC) | kWh/(m ² /a) | 11.3 |
| 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 | 440 |
| Electric power input | W | 93.5 |
| Reference flow rate | m ³ /s | 0.086 |
| Reference pressure difference | Pa | 50 |
| Specific power input (SPI) | W/(m ³ /h) | 0.11 |
| Control typology | - | Local demand control |
| Maximum external leakage rates | % | 2.7 |
| Cold - The annual electricity consumption (AEC) | kWh/a | 58 |
| Average - The annual electricity consumption (AEC) | kWh/a | 58 |
| Warm - Jährlicher Stromverbrauch (JSV) | kWh/a | 58 |
| 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) | 60 |

Dimensions

| ØD | ØD1 | B | B1 | H | L | L1 | L2 | L3 |
|-----|-----|-----|-----|-----|-----|----|----|----|
| 123 | 255 | 310 | 270 | 340 | 203 | 20 | 25 | 30 |

