

VUE 250 VB EC R A14

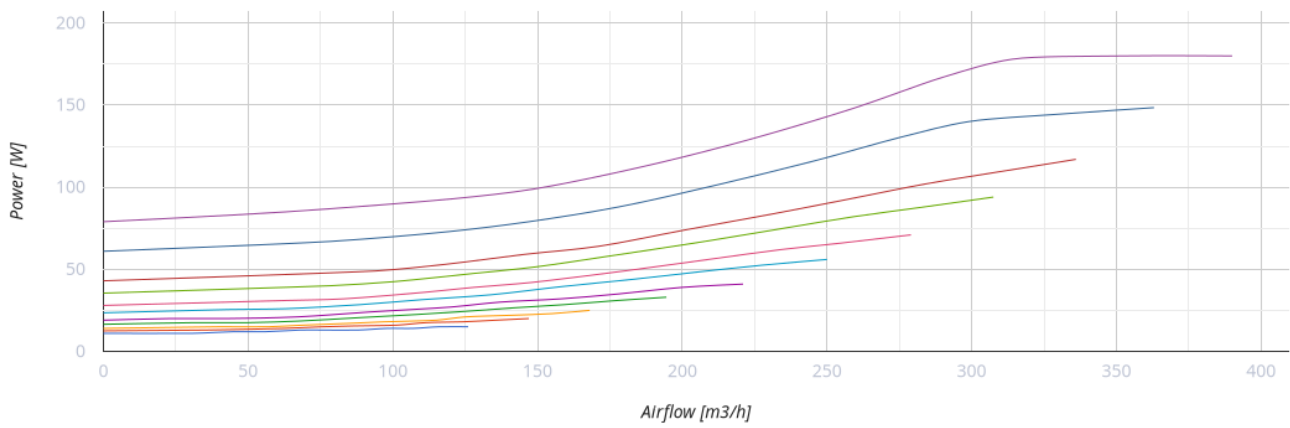
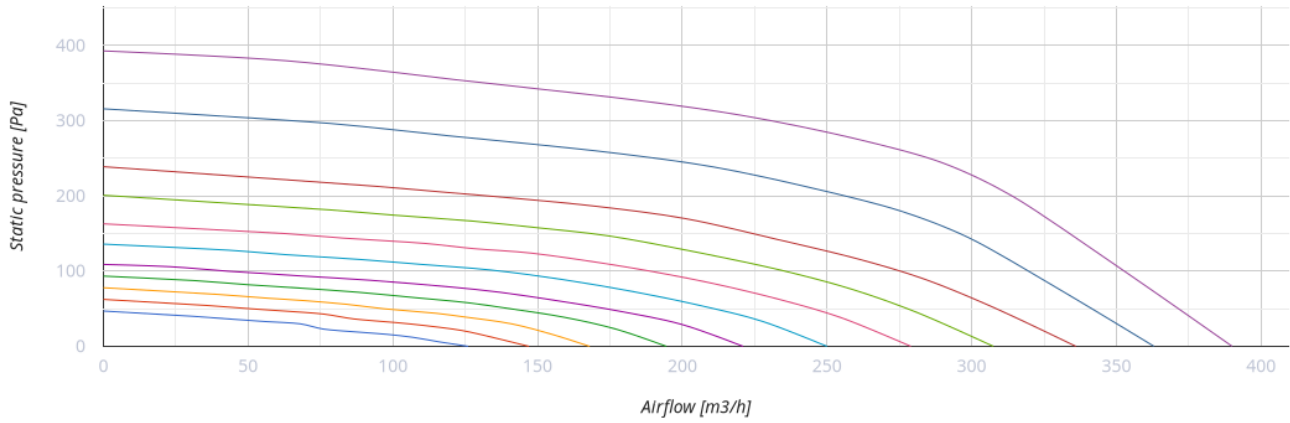
Vertical air handling units with a counterflow enthalpy heat exchanger



- Maximum airflow: 390
- Sound pressure level LpA at 3 m: 35
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (F7 -Option)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Manual
- Control: Remote Control
- Casing material: Polypropylene/Thermoplastic elastomer
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

| | Unit of measurement | VUE 250 VB EC R A14 |
|-----------------------------------|---------------------|---------------------|
| Connected air duct size | mm | 160 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 180 |
| Unit current | A | 1.37 |
| Maximum airflow | m ³ /h | 390 |
| Sound pressure level LpA at 3 m | dB(A) | 35 |
| Heat recovery efficiency, max | % | 90 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Enthalpy |
| Weight | kg | 66 |
| Extract filter | - | G4 |
| Supply filter | - | G4 (F7 -Option) |
| Transported air temperature (max) | °C | 40 |
| Transported air temperature (min) | °C | -25 |
| Ambient air temperature min | °C | 1 |
| Ambient air temperature max | °C | 40 |
| Ambient air humidity max | % | 60 |
| Ingress protection rating | - | IP20 |

| | | |
|--|---|------|
| Ingress protection rating of the drive | - | IP44 |
|--|---|------|







Dimensions

| ØD | B | H | L |
|-----|-----|-----|-----|
| 160 | 560 | 970 | 560 |



Accessories


Sensors

| Name | Photo | Description |
|-----------------------|---|--------------------------------|
| HV2 |  | Humidity sensor |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | CO2 sensors |
| HR-S |  | Electro-mechanical humidistats |



For round ducts

| Name | Photo | Description |
|-------------------------|---|--|
| KRV 160 |  | Air damper for air flow cut-off in round air ducts |


Electric actuators

| Name | Photo | Description |
|------------------------------|---|---|
| Belimo LF230 |  | The Belimo LF series actuators are designed for controlling air dampers with cross section up to 0.8 m ² performing protection functions |

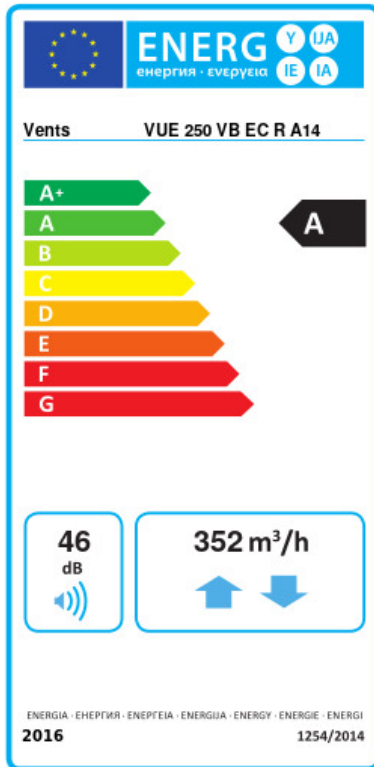
Other accessories

| Name | Photo | Description |
|------------------|---|-----------------|
| SF 340x170x48 G4 |  | Panel filter G4 |
| SF 340x170x48 F7 |  | F7 panel filter |

Flanges

| Name | Photo | Description |
|----------------------|---|--|
| KH-1 |  | The kitchen exhaust hood is designed to clean air from combustion products, fumes, odors that form during cooking in the kitchen |

Ecodesign



| | | | | | | |
|---|----------------------|----|---------|---|------|---|
| Trademark | Vents | | | | | |
| Model | VUE 250 VB EC R A14 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | 78.5 | A+ | 41 | A | 16.8 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Recuperative | | | | | |
| Thermal efficiency of heat recovery (%) | 80 | | | | | |
| Maximum flow rate (m ³ /h) | 352 | | | | | |
| Electric power input (W) | 180 | | | | | |
| Reference flow rate (m ³ /s) | 0.068 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.261 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates (%) | 2.7 | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 46 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 720 | | 183 | | 138 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 8776 | | 4486 | | 2029 | |