

VUE 450 P3 R A3



Heat recovery air handling units in heat- and sound-insulated casing

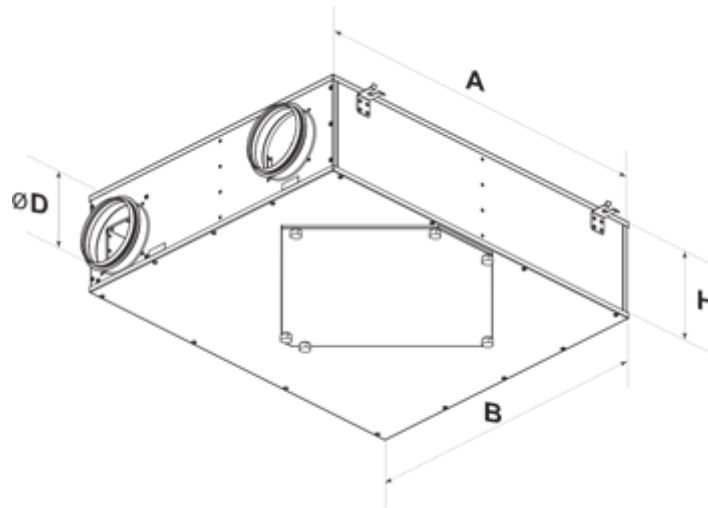
- Maximum airflow: 500
- Sound pressure level LpA at 3 m: 57
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4 and F8 (PM2.5 93%)
- Sound insulation
- Motor type: AC
- Enthalpy heat exchanger
- Control: Remote Control
- Casing material: Coated steel

| | Unit of measurement | VUE 450 P3 R A3 |
|-----------------------------------|---------------------|-----------------------|
| Connected air duct size | mm | 150 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 354 |
| Unit current | A | 1.54 |
| Maximum airflow | m ³ /h | 500 |
| Sound pressure level LpA at 3 m | dB(A) | 57 |
| Heat recovery efficiency, max | % | 87 |
| Heat exchanger type | - | Cross flow |
| Heat exchanger material | - | Enthalpy |
| Weight | kg | 39 |
| Extract filter | - | G4 |
| Supply filter | - | G4 and F8 (PM2.5 93%) |
| Transported air temperature (max) | °C | 40 |
| Transported air temperature (min) | °C | -15 |
| Ambient air temperature min | °C | 0 |
| Ambient air temperature max | °C | 40 |
| Ambient air humidity max | % | 60 |
| Ingress protection rating | - | IP22 |

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



Dimensions

| ØD | A | B | H |
|-----|------|-----|-----|
| 150 | 1020 | 704 | 227 |




Accessories

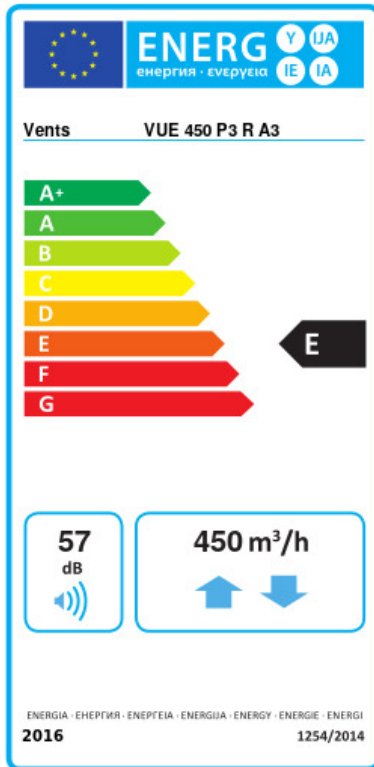
Other accessories

| Name | Photo | Description |
|------------------|---|-----------------|
| SF 300x270x48 G4 |  | Panel filter G4 |
| SF 300x270x48 F8 |  | F8 panel filter |

Speed control switches

| Name | Photo | Description |
|--------------------------|---|-------------|
| P3-1-300 |  | Switch |

Ecodesign



| | | | | | | |
|---|-----------------|---------|------|---|-----|---|
| Trademark | Vents | | | | | |
| Model | VUE 450 P3 R A3 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | Average | Warm | | | |
| | 47.9 | A+ | 14.6 | E | 7.1 | G |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Recuperative | | | | | |
| Thermal efficiency of heat recovery (%) | 73 | | | | | |
| Maximum flow rate (m ³ /h) | 450 | | | | | |
| Electric power input (W) | 340 | | | | | |
| Reference flow rate (m ³ /s) | 0.094 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.809 | | | | | |
| Control typology | Manual control | | | | | |
| Maximum internal leakage rates (%) | 2.7 | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 57 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | Average | Warm | | | |
| | 1595 | 1058 | 1013 | | | |
| The annual heating saved (AHS) (kWh/a) | Cold | Average | Warm | | | |
| | 7904 | 4040 | 1827 | | | |