

# VUT 300 H2 mini EC A2

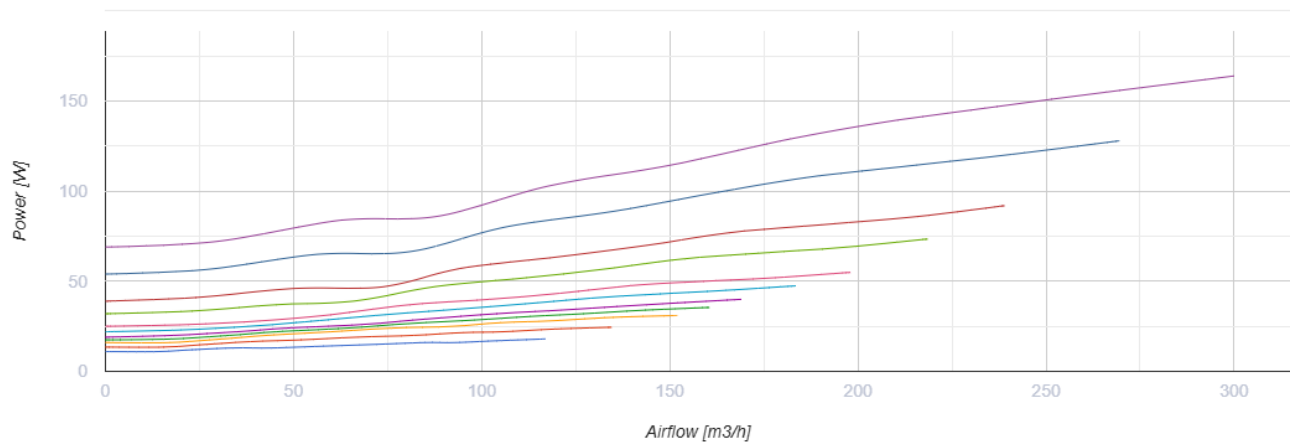
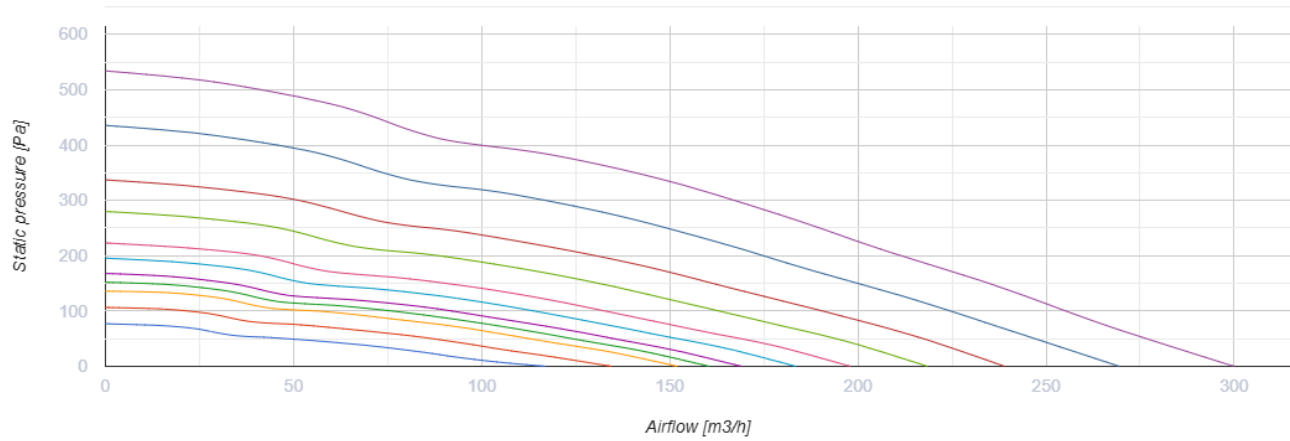


Air handling units that are equipped with a cross-flow polystyrene heat exchanger

- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4, F8
- Sound insulation
- Motor type: EC
- Control: Remote Control
- Casing material: Galvanized steel
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

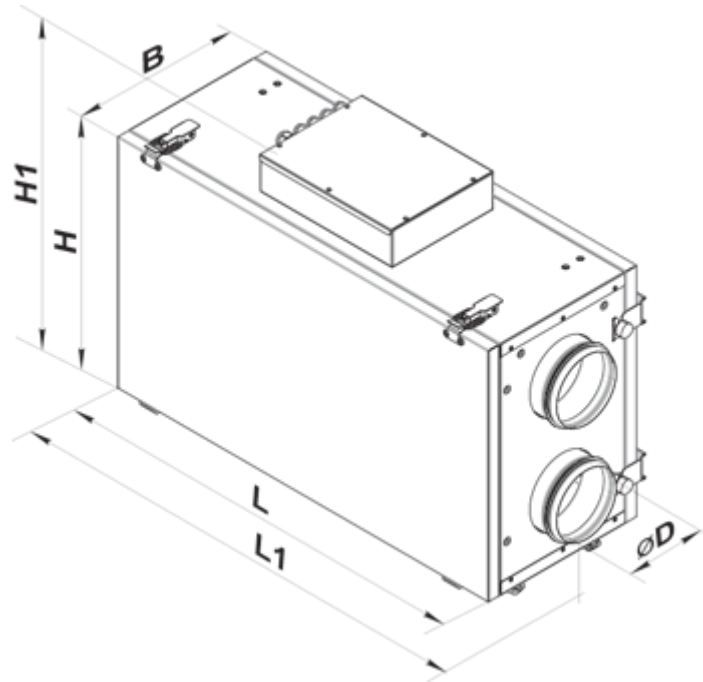
|                                   | Unit of measurement | VUT 300 H2 mini EC A2 |
|-----------------------------------|---------------------|-----------------------|
| Connected air duct size           | mm                  | 125                   |
| Speed                             | -                   | 1                     |
| Minimum supply voltage            | V                   | 230                   |
| Maximum supply voltage            | V                   | 230                   |
| Power supply frequency            | Hz                  | 50/60                 |
| Rated power                       | W                   | 165                   |
| Unit current                      | A                   | 1.3                   |
| Maximum airflow                   | m <sup>3</sup> /h   | 300                   |
| Sound pressure level LpA at 3 m   | dB(A)               | 33                    |
| Heat recovery efficiency, max     | %                   | 79                    |
| Heat exchanger type               | -                   | Cross flow            |
| Heat exchanger material           | -                   | Polystyrene           |
| Weight                            | kg                  | 32                    |
| Extract filter                    | -                   | G4                    |
| Supply filter                     | -                   | G4, F8                |
| Transported air temperature (max) | °C                  | 60                    |
| Transported air temperature (min) | °C                  | -25                   |
| Ambient air temperature min       | °C                  | 1                     |
| Ambient air temperature max       | °C                  | 40                    |

|  |   |      |
|--|---|------|
| Ambient air humidity max               | % | 80   |
| Ingress protection rating              | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |









## Dimensions

| ØD  | B   | H   | H1  | L   | L1  |
|-----|-----|-----|-----|-----|-----|
| 125 | 287 | 447 | 510 | 714 | 810 |





## Accessories

### For round ducts


| Name                         | Photo   | Description   |
|------------------------------|---|---|
| <a href="#">SR 125/600</a>   |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SR 125/900</a>   |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SR 125/1200</a>  |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SRF 125/600</a>  |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SRF 125/900</a>  |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SRF 125/2000</a> |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |

### For round ducts



| Name                    | Photo   | Description                                    |
|-------------------------|---|--|
| <a href="#">KOM 125</a> |  | Spring-loaded backdraft damper for round ducts |

|                         |   |  |
|-------------------------|---|--|
| <a href="#">KRV 125</a> |  | Air damper for air flow cut-off in round air ducts |
|-------------------------|---|--|

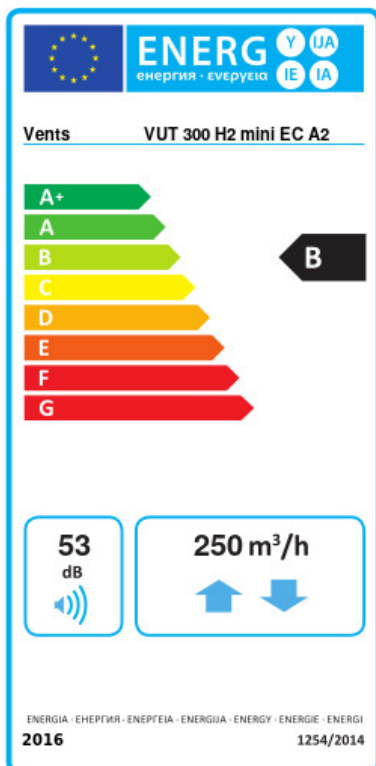
### Condensation drainage

| Name                  | Photo   | Description   |
|-----------------------|---|---|
| <a href="#">SH-32</a> |  | The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems |

### Other accessories

| Name             | Photo   | Description     |
|------------------|---|-----------------|
| SF 240x184x40 G4 |  | Panel filter G4 |
| SF 240x184x40 F8 |  | F8 panel filter |

## Ecodesign



| Trademark   | Vents                 |           |          |
|---|-----------------------|-----------|----------|
| Model   | VUT 300 H2 mini EC A2 |           |          |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                  | Average   | Warm     |
|   | -56.6   A+            | -26.7   B | -6.9   F |
| Type of ventilation unit                                    | Bidirectional         |           |          |
| Type of drive installed                                     | Variable speed        |           |          |
| Type of heat recovery system                                | Recuperative          |           |          |
| Thermal efficiency of heat recovery (%)                     | 62                    |           |          |
| Maximum flow rate (m <sup>3</sup> /h)                       | 250                   |           |          |
| Electric power input (W)                                    | 150                   |           |          |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.044                 |           |          |
| Reference pressure difference (Pa)                          | 50                    |           |          |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.313                 |           |          |
| 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))                                   | 53                    |           |          |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                  | Average   | Warm     |
|   | 973                   | 436       | 391      |
| The annual heating saved (AHS) (kWh/a)                      | Cold                  | Average   | Warm     |
|   | 7218                  | 3690      | 1669     |