

VUT 800 WH-4



Air handling units in sound-proof and heat-insulated casing with water heater

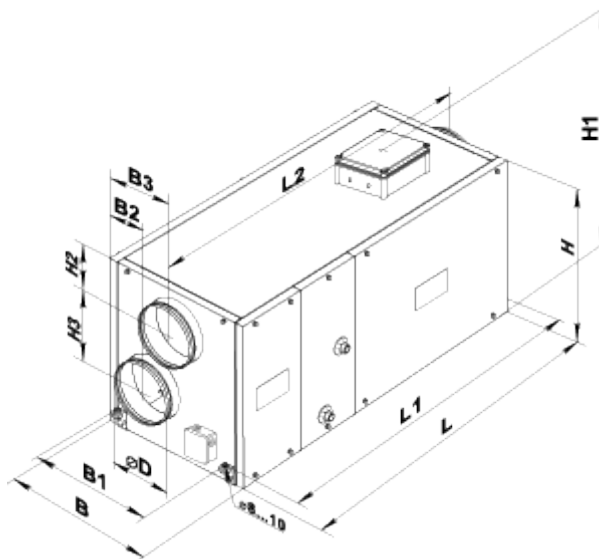
- Maximum airflow: 780
- Sound pressure level LpA at 3 m: 48
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Reheater: Water
- Control: Remote Control
- Casing material: Galvanized steel

| | Unit of measurement | VUT 800 WH-4 |
|-----------------------------------|---------------------|--------------|
| Connected air duct size | mm | 249 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 490 |
| Unit current | A | 2.16 |
| Maximum airflow | m ³ /h | 780 |
| Sound pressure level LpA at 3 m | dB(A) | 48 |
| Heat recovery efficiency, max | % | 78 |
| Heat exchanger type | - | Cross flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 88 |
| Extract filter | - | G4 |
| Supply filter | - | G4 |
| 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 | % | 80 |
| Ingress protection rating | - | IP22 |

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






Dimensions


| ØD | B | B1 | B2 | B3 | H | H1 | H2 | H3 | L | L1 | L2 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| 249 | 613 | 460 | 306 | 386 | 698 | 832 | 154 | 280 | 1071 | 1117 | 1171 |





Accessories

For round ducts



| Name | Photo | Description |
|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| SR 250/600 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 250/900 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 250/1200 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SRF 250/600 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SRF 250/900 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |

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|------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| SRF 250/2000 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
|------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

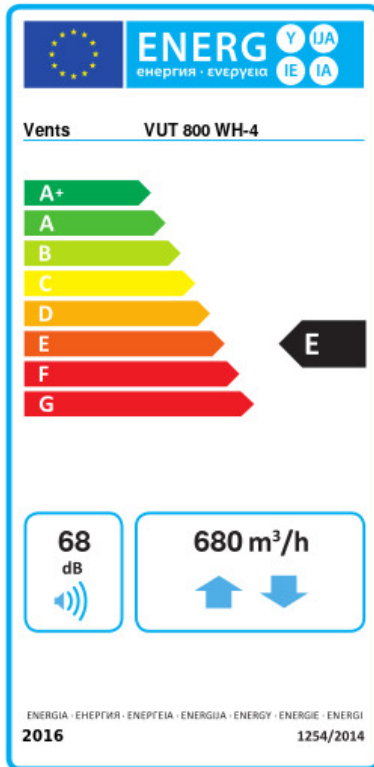
For round ducts

| Name | Photo | Description |
|-------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|
| KOM 250 |  | Spring-loaded backdraft damper for round ducts |
| KR 250 |  | Air damper for air flow control in round air ducts |

Other accessories

| Name | Photo | Description |
|------------------|------------------------------------------------------------------------------------|-----------------|
| SF 550x253x48 G4 |  | Panel filter G4 |
| VL C4 300/300 |  | Summer block |

Ecodesign



| | | | | | | |
|-------------------------------------------------------------|----------------|----|---------|---|------|---|
| Trademark | Vents | | | | | |
| Model | VUT 800 WH-4 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -50.4 | A+ | -19.8 | E | 0.3 | G |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Multi-speed | | | | | |
| Type of heat recovery system | Recuperative | | | | | |
| Thermal efficiency of heat recovery (%) | 64 | | | | | |
| Maximum flow rate (m ³ /h) | 680 | | | | | |
| Electric power input (W) | 490 | | | | | |
| Reference flow rate (m ³ /s) | 0.136 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.551 | | | | | |
| 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)) | 68 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 1272 | | 735 | | 690 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 7343 | | 3754 | | 1697 | |