

TwinFresh Atmo mini Wi-Fi

TwinFresh Atmo - is a brand new dMVHR solutions for newbuild and retrofit single-room applications, offer efficient and cost-effective ventilation

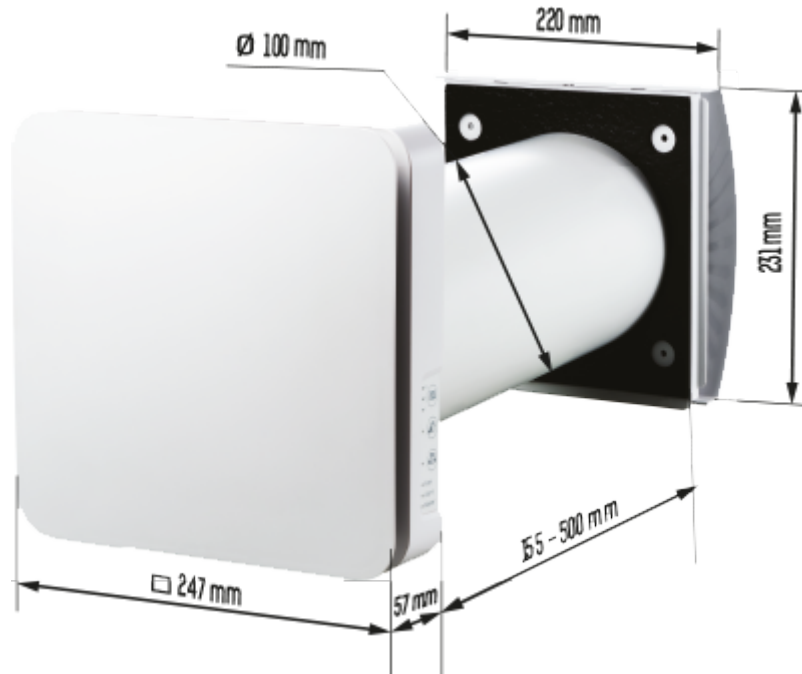
- Air flow in heat recovery mode: 13
- Sound pressure level LpA at 3 m: 23
- Sound pressure level LpA at 1 m: 33
- Sound insulation
- Motor type: DC
- Control: Smartphone
- Humidity sensor
- Shutters



| | Unit of measurement | TwinFresh Atmo mini Wi-Fi | | |
|-----------------------------------|---------------------|---------------------------|------|------|
| Connected air duct size | mm | 100 | | |
| Speed | - | 3 | | |
| Phases | - | 1 | | |
| Minimum supply voltage | V | 100 | | |
| Maximum supply voltage | V | 240 | | |
| Power supply frequency | Hz | 50/60 | | |
| Rated power | W | 1.0 | 1.6 | 3.0 |
| Unit current | A | 0.02 | 0.03 | 0.04 |
| Air flow in ventilation mode | m ³ /h | 8 | 16 | 25 |
| Air flow in heat recovery mode | m ³ /h | 4 | 8 | 13 |
| Sound pressure level LpA at 3 m | dB(A) | 10 | 16 | 23 |
| Sound pressure level LpA at 1 m | dB(A) | 20 | 26 | 33 |
| Heat recovery efficiency, max | % | 81 | | |
| Heat exchanger material | - | Ceramic | | |
| Transported air temperature (max) | °C | 40 | | |
| Transported air temperature (min) | °C | -15 | | |
| Ambient air temperature min | °C | 1 | | |
| Ambient air temperature max | °C | 40 | | |
| Ambient air humidity max | % | 65 | | |







| | | |
|---------------------------|---|------|
| Ingress protection rating | - | IP24 |
|---------------------------|---|------|








Dimensions









Accessories

Other accessories

| Name | Photo | Description |
|--------------------------------------|---|--------------------|
| EH-14 white 100 |  | Plastic outer hood |
| EH-14 black 100 |  | Plastic outer hood |
| EH-14 grey 100 |  | Plastic outer hood |
| EH-14 terracotta 100 |  | Plastic outer hood |
| EH-14 brown 100 |  | Plastic outer hood |
| EH-14 beige 100 |  | Plastic outer hood |

| | | |
|--------------------------------------|--|--------------------|
| EH-14 chrome 100 |  | Plastic outer hood |
| EH-17 white 100 |  | Plastic outer hood |
| EH-17 black 100 |  | Plastic outer hood |
| EH-17 grey 100 |  | Plastic outer hood |
| EH-17 terracotta 100 |  | Plastic outer hood |
| EH-17 brown 100 |  | Plastic outer hood |
| EH-17 beige 100 |  | Plastic outer hood |

Other accessories

| Name | Photo | Description |
|-------------------|---|---------------------------|
| EH-2 grey 100 |  | Outer hood for thin walls |
| EH-2 chrome 100 |  | Outer hood for thin walls |
| NP white 100 |  | Angular mounting kit |
| NP chrome 100 |  | Angular mounting kit |
| RC TwinFresh Atmo |  | Remote control |
| SFC3 TwinFresh G3 |  | G3 filter kit (2 pcs.) |

Flat duct

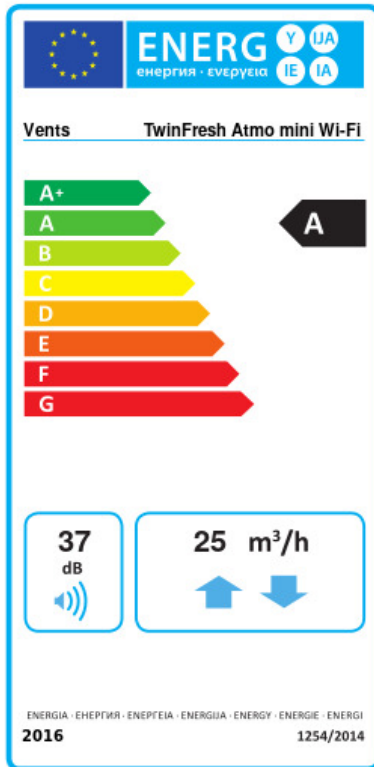
| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

[1810](#)



Wall mounting

Ecodesign



| | | | | | | |
|---|---------------------------|----|---------|---|-------|---|
| Trademark | Vents | | | | | |
| Model | TwinFresh Atmo mini Wi-Fi | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -81.5 | A+ | -40.9 | A | -17.7 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Regenerative | | | | | |
| Thermal efficiency of heat recovery (%) | 71 | | | | | |
| Maximum flow rate (m ³ /h) | 25 | | | | | |
| Electric power input (W) | 3 | | | | | |
| Reference flow rate (m ³ /s) | 0.004 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.1 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates (%) | 2.7 | | | | | |
| Mixing rate (%) | 1 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 37 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 190 | | 190 | | 190 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 8294 | | 4240 | | 1917 | |