

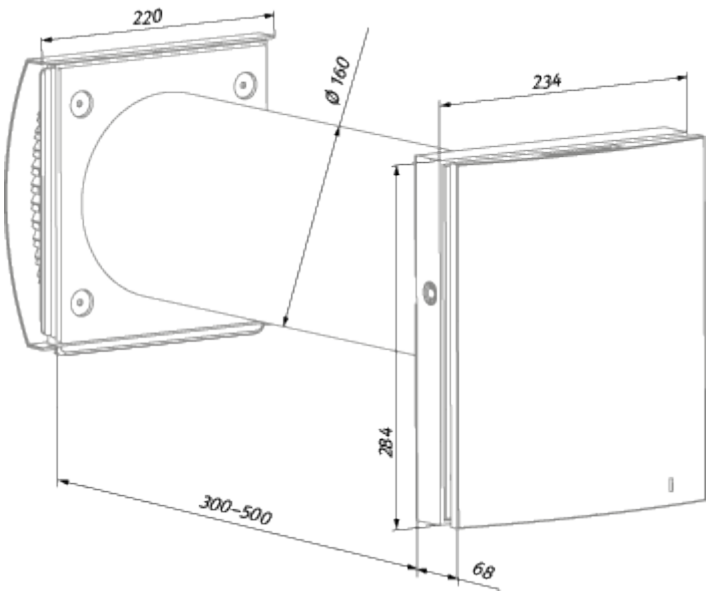
# VENTO Expert Duo A30-1 S10 Pro

Heat recovery single-room units

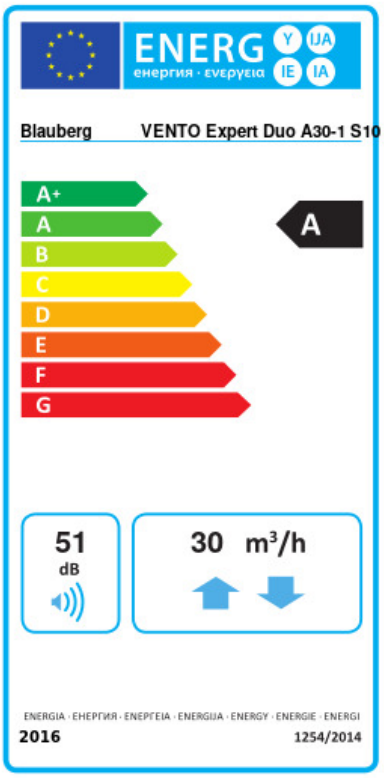
- Sound pressure level LpA at 3 m: 34
- Sound pressure level LpA at 1 m: 43
- Heat exchanger material: Ceramic
- Filter: G3
- Enthalpy heat exchanger
- Control: Remote Control

| | Unit of measurement | VENTO Expert Duo A30-1 S10 Pro | | |
|---|---|---|---|---|
| Phases | - | 1 | | |
| Minimum supply voltage | V | 100 | | |
| Maximum supply voltage | V | 240 | | |
| Power supply frequency | Hz | 50/60 | | |
| Rated power | W | 2 | 3.7 | 6.4 |
| Unit current | A | 0.027 | 0.043 | 0.067 |
| Maximum airflow | m³/h | 10 | 20 | 30 |
| Rotation speed at 50hz | - | 1600 | 2200 | 2500 |
| Sound pressure level LpA at 3 m | dB(A) | 24 | 31 | 34 |
| Sound pressure level LpA at 1 m | dB(A) | 33 | 40 | 43 |
| Heat recovery efficiency, max | % | 85 | | |
| Heat exchanger material | - | Ceramic | | |
| Filter | - | G3 | | |
| Transported air temperature (max) | °C | 40 | | |
| Transported air temperature (min) | °C | -15 | | |
| Ingress protection rating | - | IP24 | | |
| Minimum wall thickness | mm | 280 | | |
| Maximum wall thickness | mm | 500 | | |

## Dimensions



## Ecodesign




| | | | | | | |
|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | VENTO Expert Duo A30-1 S10 Pro | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -80.9 | A+ | -39.7 | A | -16.1 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | 3-speed | | | | | |
| Type of heat recovery system | Regenerative | | | | | |
| Thermal efficiency of heat recovery (%) | 74 | | | | | |
| Maximum flow rate (m³/h) | 30 | | | | | |
| Electric power input (W) | 6.4 | | | | | |
| Reference flow rate (m³/s) | 0.006 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.185 | | | | | |
| Control typology | Local demand control | | | | | |
| Mixing rate (%) | 1 | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa (%) | 0.37 | | | | | |
| The indoor/outdoor air tightness (m³/h) | 5.2 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 51 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 134 | | 134 | | 134 | |

## Accessories

### CO2 sensors

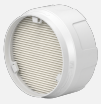
| Name | Photo | Description |
|---|---|---|
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |

### Hoods

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

| | | |
|---|---|---|
| PP 160/0.5 |  | The outer hood is designed to prevent the ingress of water and large objects into the ventilation equipment from outside |

## Other accessories

| Name | Photo | Description |
|---|---|---|
| FPC 150x50 F7 |  | Filter |
| FP2 Vento F7 |  | Fine filter F7 Includes: • plastic filter holder (1 pc.) • F7 fine filter (1 pc.). Filtration rate PM2.5 > 70 % |
| FB Vento Expert A50 |  | Remote control |
| FP Vento Expert A50 G3 |  | G3 filters (2 pcs.) |