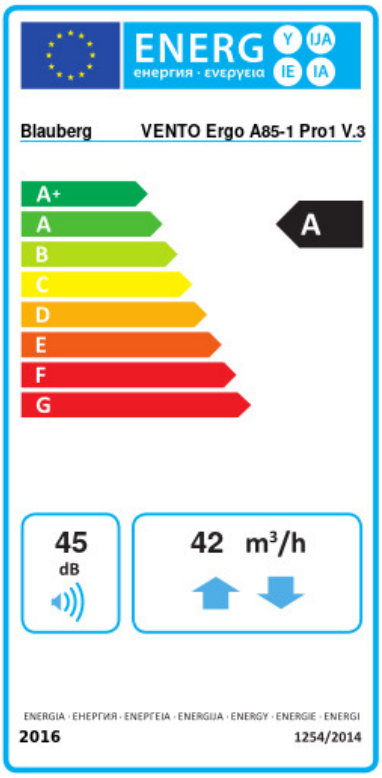
# VENTO Ergo A85-1 Pro1 V.3

- Air flow in heat recovery mode: 18
- Sound pressure level LpA at 1 m: 44
- Heat exchanger type: Plate counterflow
- Sound-insulated casing
- Control: Remote Control
- Casing material: Plastic
- Humidity sensor: Built-in

| | Unit of measurement | VENTO Ergo A85-1 Pro1 V.3 | | |
|---|---|---|---|---|
| Phases | - | 1 | | |
| Minimum supply voltage | V | 100 | | |
| Maximum supply voltage | V | 240 | | |
| Power supply frequency | Hz | 50/60 | | |
| Air flow in ventilation mode | m³/h | 36 | | |
| Air flow in heat recovery mode | m³/h | 18 | | |
| Sound pressure level LpA at 1 m | dB(A) | 29 | 35 | 44 |
| Heat recovery efficiency, max | % | 90 | | |
| Heat exchanger type | - | Plate counterflow | | |
| Transported air temperature (max) | °C | 40 | | |
| Transported air temperature (min) | °C | -20 | | |
| Ambient air temperature min | °C | 1 | | |
| Ambient air temperature max | °C | 40 | | |
| Ingress protection rating | - | IP24 | | |
| Ambient air humidity max | % | 65 | | |

## Dimensions

## Ecodesign

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|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | VENTO Ergo A85-1 Pro1 V.3 | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -80 | A+ | -39.9 | A | -17 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | 3-speed | | | | | |
| Type of heat recovery system | Regenerative | | | | | |
| Thermal efficiency of heat recovery (%) | 69 | | | | | |
| Maximum flow rate (m³/h) | 42 | | | | | |
| Electric power input (W) | 9.7 | | | | | |
| Reference flow rate (m³/s) | 0.016 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.111 | | | | | |
| Control typology | Local demand control | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa (%) | 0.4 | | | | | |
| Declared typology | RVU BVU | | | | | |
| Sound power level (dB(A)) | 45 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 80 | | 80 | | 80 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 82 | | 42 | | 19 | |