

# Breezy Eco 160 L055

Single-room heat recovery ventilator

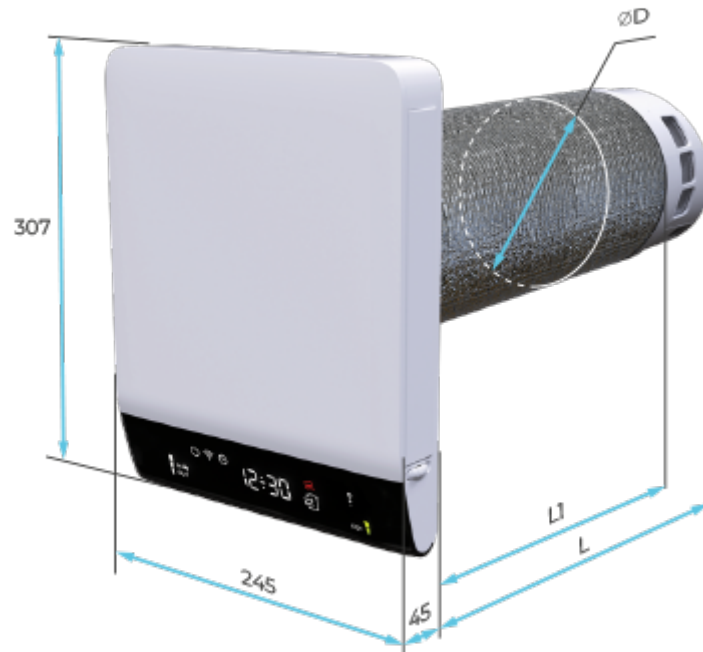


- Air flow in heat recovery mode: 48
- Sound pressure level LpA at 3 m: 40
- Sound pressure level LpA at 1 m: 50
- Filter: G3
- Motor type: EC
- Control: Remote Control
- Casing material: ABS Plastic
- Temperature sensor

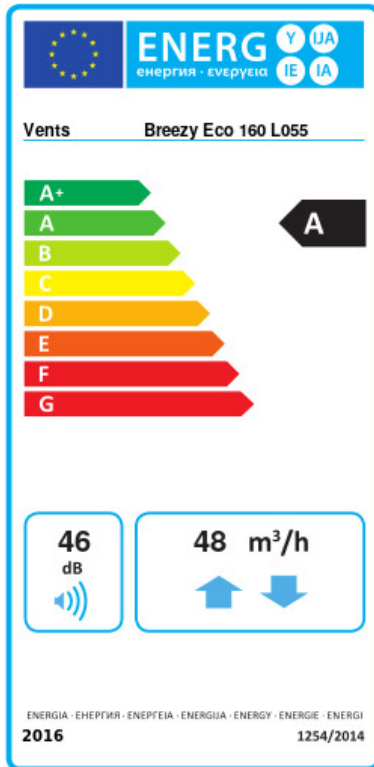
|                                   | Unit of measurement | Breezy Eco 160 L055 |      |      |
|-----------------------------------|---------------------|---------------------|------|------|
| Speed                             | -                   | 3                   |      |      |
| Phases                            | -                   | 1                   |      |      |
| Minimum supply voltage            | V                   | 220                 |      |      |
| Maximum supply voltage            | V                   | 240                 |      |      |
| Power supply frequency            | Hz                  | 50/60               |      |      |
| Rated power                       | W                   | 3                   | 5    | 8    |
| Unit current                      | A                   | 0.02                | 0.03 | 0.04 |
| Maximum airflow                   | m <sup>3</sup> /h   |                     |      |      |
| Air flow in ventilation mode      | m <sup>3</sup> /h   | 10                  | 30   | 48   |
| Air flow in heat recovery mode    | m <sup>3</sup> /h   | 10                  | 30   | 48   |
| Sound pressure level LpA at 3 m   | dB(A)               | 14                  | 27   | 40   |
| Sound pressure level LpA at 1 m   | dB(A)               | 24                  | 36   | 50   |
| Heat recovery efficiency, max     | %                   | 92                  |      |      |
| Heat exchanger material           | -                   | Ceramic             |      |      |
| Filter                            | -                   | G3                  |      |      |
| Transported air temperature (max) | °C                  | 50                  |      |      |
| Transported air temperature (min) | °C                  | -30                 |      |      |
| Ambient air humidity max          | %                   | 70                  |      |      |
| Ingress protection rating         | -                   | IPX4                |      |      |

## Dimensions

| ØD  | L   | L1  |
|-----|-----|-----|
| 162 | 650 | 550 |



## Ecodesign



|   |                      |    |         |   |      |   |
|---|----------------------|----|---------|---|------|---|
| Trademark   | Vents                |    |         |   |      |   |
| Model   | Breezy Eco 160 L055  |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                 |    | Average |   | Warm |   |
|   | 81.2                 | A+ | 40      | A | 16.4 | E |
| Type of ventilation unit                                    | Bidirectional        |    |         |   |      |   |
| Type of drive installed                                     | Variable speed       |    |         |   |      |   |
| Type of heat recovery system                                | Regenerative         |    |         |   |      |   |
| Thermal efficiency of heat recovery (%)                     | 74                   |    |         |   |      |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 48                   |    |         |   |      |   |
| Electric power input (W)                                    | 8                    |    |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.01                 |    |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.2                  |    |         |   |      |   |
| Control typology  | Local demand control |    |         |   |      |   |
| Maximum internal leakage rates (%)                          | 0.1                  |    |         |   |      |   |
| Maximum external leakage rates (%)                          | 0.9                  |    |         |   |      |   |
| Mixing rate (%)   | 1                    |    |         |   |      |   |
| Airflow sensitivity at +20 Pa and -20 Pa (%)                | 0.93                 |    |         |   |      |   |
| The indoor/outdoor air tightness (m <sup>3</sup> /h)        | 7                    |    |         |   |      |   |
| Sound power level (dB(A))                                   | 46                   |    |         |   |      |   |
| Declared typology   | RVU BVU              |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                 |    | Average |   | Warm |   |
|   | 116                  |    | 116     |   | 116  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                 |    | Average |   | Warm |   |
|   | 84                   |    | 43      |   | 19   |   |