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|---|---|----|---------|---|-------|---|
| Trade mark | BLAUBERG | | | | | |
| Model | FRESHBOX E-100 ERV black | | | | | |
| Specific energy consumption (SEC), kWh/(m ² .a) | Cold | | Average | | Warm | |
| | -78,7 | A+ | -40,3 | A | -15,6 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | Recuperative | | | | | |
| Thermal efficiency of heat recovery, % | 86 | | | | | |
| Maximum flow rate, m ³ /h | 100 | | | | | |
| Electric power input, W | 45 | | | | | |
| Sound power level, dB(A) | 47 | | | | | |
| Reference flow rate, m ³ /s | 0,017 | | | | | |
| Reference pressure difference, Pa | N/A | | | | | |
| Specific power input (SPI), W/(m ³ /h) | 0,35 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates, % | N/A | | | | | |
| Maximum external leakage rates, % | N/A | | | | | |
| Mixing rate of bidirectional units, % | 1 | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa | 0,93 | | | | | |
| The indoor/outdoor air tightness, m ³ /h | 7 | | | | | |
| Internet address | https://www.blaubergventilatoren.de | | | | | |
| The annual electricity consumption (AEC), kWh electricity/a | Cold | | Average | | Warm | |
| | 786 | | 249 | | 204 | |
| The annual heating saved (AHS), kWh primary energy/a | Cold | | Average | | Warm | |
| | 8 963 | | 4 581 | | 2 072 | |