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|---|---|---------|---------|-------|-------|---|
| Trade mark | BLAUBERG | | | | | |
| Model | VENTO Expert A50-1 S10 Pro | | | | | |
| Specific energy consumption (SEC), kWh/(m ² .a) | Cold | | Average | | Warm | |
| | -80,6 | A+ | -38,8 | A | -14,8 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | 3-speed | | | | | |
| Type of heat recovery system | Regenerative | | | | | |
| Thermal efficiency of heat recovery, % | 77 | | | | | |
| Maximum flow rate, m ³ /h | 25 | | | | | |
| Electric power input, W | 5,2 | | | | | |
| Sound power level, dB(A) | 38 | | | | | |
| Reference flow rate, m ³ /s | 0,004 | | | | | |
| Reference pressure difference, Pa | N/A | | | | | |
| Specific power input (SPI), W/(m ³ /h) | 0,277 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates, % | 2,7 | | | | | |
| Maximum external leakage rates, % | N/A | | | | | |
| Mixing rate of bidirectional units, % | 1 | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa | 0,2 | | | | | |
| The indoor/outdoor air tightness, m ³ /h | 5,2 | | | | | |
| Internet address | https://www.blaubergventilatoren.de | | | | | |
| The annual electricity consumption (AEC), kWh electricity/a | Cold | Average | | Warm | | |
| | 200 | 200 | | 200 | | |
| The annual heating saved (AHS), kWh primary energy/a | Cold | Average | | Warm | | |
| | 8 562 | 4 377 | | 1 979 | | |