



ENERGY

NIBE

ERS 20-250



46
dB



258 m³/h



Technical Product Fiche

| | |
|---|---|
| Suppliers name | NIBE |
| Model identification | ERS 20-250 |
| Specific energy consumption SEC kWh/(m ² *a) for: cold, average, warm climates | SECcold: -71,3 ; SECaverage : -34,9 ; SECwarm: -11,5 |
| RVU/NRVU/Unidirectional / Bidirectional | RVU - Bidirectional |
| Type of drive installed | EC motor with 0-100 % modulation range |
| Type of heat recovery (recuperative, regenerative, non) | Recuperative |
| Thermal efficiency of heat recovery % | 82 |
| Maximum airflow (m ³ /h) | 258 |
| Electric Power input of fan drive at maximum airflow - W | 116 |
| Sound Power level Lwa at reference airflow dB(A) | 46 |
| Reference airflow rate (m ³ /s) | 0,050 |
| Reference pressure difference (min. 50Pa) – (Pa) | 50 |
| Specific power input at reference airflow – SEL/SPI (W/ m ³ /h) | 0,288 |
| Control factor | 0,95 |
| Declared maximum internal and external leakage rates (%) | Internal: 2,5% ; External: 1,6% |
| Mixing rate of non ducted bidirectional ventilation units | Not applicable |
| Position and description of visual filter warning | After a specific time the display will tell that it is time to clean the filters or replace them with new ones. |
| Instructions for installing supply/exhaust grilles i facade for unidirectional devices | Not applicable |
| Internet adress for pre-/disassembly instructions | www.nibe.eu (manual) |
| Sensitivity for pressure variation for units without ducts + and - 20Pa | Not applicable |
| For non ducted units - the indoor/outdoor air tightness in (m ³ /h) | Not applicable |
| The annual electricity consumption AEC per 100 m ² (kWh electricity /a) for climates : Average, Warm, Cold | AECcold=907 ; AECaverage=370 ; AECwarm=325 |
| The annual heating saved AHS in primary energy (kWh prim/a) per 100 m ² for climates : Average, Warm, Cold | AHScold=8521 ; AHSaverage=4356 AHSwarm=1970 |