



ENERGY

NIBE

ERS S10-400



47
dB



394 m³/h



Technical Product Fiche

Suppliers name	NIBE
Model identification	ERS S10-400
Specific energy consumption SEC kWh/(m ² *a) for: cold, average, warm climates	SECcold: -75,0 ; SECaverage : -37,5 ; SECwarm: -13,4
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 %	86
Maximum airflow (m ³ /h)	394
Electric Power input of fan drive at maximum airflow - W	163
Sound Power level (Lwa) at reference airflow Lwa	47
Reference airflow rate (m ³ /s)	0,077
Reference pressure difference (min. 50Pa) – (Pa)	50
Specific power input at reference airflow – SEL/SPI (W/ m ³ /h)	0,242
Control factor	0,95
Declared maximum internal and external leakage rates (%)	Internal: 2,0% ; 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=855 ; AECaverage=318 ; AECwarm=273
The annual heating saved AHS in primary energy (kWh prim/a) per 100 m ² for climates : Average, Warm, Cold	AHScold=8770 ; AHSaverage=4483 AHSwarm=2027