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NIBE

ERS 20-300



**59**  
dB



**310 m<sup>3</sup>/h**



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## Technical Product Fiche

Suppliers name	NIBE
Model identification	ERS 20-300
Specific energy consumption SEC kWh/(m <sup>2</sup> *a) for: cold, average, warm climates	SECcold: -71,5 ; SECaverage : -35,5 ; SECwarm: -12,3
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 %	81
Maximum airflow (m <sup>3</sup> /h)	310
Electric Power input of fan drive at maximum airflow - W	97
Sound Power level (Lwa) at reference airflow Lwa	59
Reference airflow rate (m <sup>3</sup> /s)	0,06
Reference pressure difference (min. 50Pa) – (Pa)	50
Specific power input at reference airflow – SEL/SPI (W/ m <sup>3</sup> /h)	0,26
Control factor	0,85
Declared maximum internal and external leakage rates (%)	Internal: 1,4% ; External: 0,44%
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	<a href="http://www.nibe.eu">www.nibe.eu</a> (manual)
Sensitivity for pressure variation for units without ducts + and - 20Pa	Not applicable
For non ducted units - the indoor/outdoor air tightness in (m <sup>3</sup> /h)	Not applicable
The annual electricity consumption AEC per 100 m <sup>2</sup> (kWh electricity /a) for climates : Average, Warm, Cold	AECcold=873 ; AECaverage=336 ; AECwarm=291
The annual heating saved AHS in primary energy (kWh prim/a) per 100 m <sup>2</sup> for climates : Average, Warm, Cold	AHScold=8462 ; AHSaverage=4325 AHSwarm=1956