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Vølund

ERS 30-350



55

dB



445 m³/h



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2016

1254/2014

Technical Product Fiche

Suppliers name	Vølund
Model identification	ERS 30-350
Specific energy consumption SEC kWh/(m ² *a) for: cold, average, warm climates	SECcold: -74,1 ; SECaverage : -37,5 ; SECwarm: -14,0
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 ³ /h)	445
Electric Power input of fan drive at maximum airflow - W	167
Sound Power level (Lwa) at reference airflow Lwa	55
Reference airflow rate (m ³ /s)	0,092
Reference pressure difference (min. 50Pa) – (Pa)	50
Specific power input at reference airflow – SEL/ SPI (W/ m ³ /h)	0,26
Control factor	0,85
Declared maximum internal and external leakage rates (%)	Internal: 2,5% ; External: 0,6%
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.volundvt.dk (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=817 ; AECaverage=280 ; AECwarm=235
The annual heating saved AHS in primary energy (kWh prim/a) per 100 m ² for climates : Average, Warm, Cold	AHScold=8580 ; AHSaverage=4386 AHSwarm=1983