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GENVEX A/S

ENERGY ECO 180



41

dB



166 m³/h



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2016

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Technical Product Fiche

Suppliers name	GENVEX A/S
Model identification	ENERGY ECO 180
Specific energy consumption SEC kWh/(m ² *a) for: cold, average, warm climates	SECcold: -78,8 ; SECAverage : -40,2 ; SECwarm: -15,4
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 %	89
Maximum airflow (m ³ /h)	166
Electric Power input of fan drive at maximum airflow - W	52
Sound Power level (Lwa) at reference airflow Lwa	41
Reference airflow rate (m ³ /s)	116
Reference pressure difference (min. 50Pa) – (Pa)	50
Specific power input at reference airflow – SPI/SEL (W/ m ³ /h)	0,238
Control factor	0,85
Declared maximum internal and external leakage rates (%)	Internal: 4,3% ; External: 1,75%
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.genvex.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=797 ; AECAverage=260 ; AECwarm=215
The annual heating saved AHS in primary energy (kWh prim/a) per 100 m ² for climates : Average, Warm, Cold	AHScold=9004 ; AHSaverage=4603 AHSwarm=2081