Système D

COMPACT E-BOX

Product sheet - ErP Directive regulation 1253/2014

AIRSIDE VENTILATION

Mark	-	AIRSIDE VENTILATION	AIRSIDE VENTILATION
Model	-	**VDFE-350**	**VDFE-500**
Declared type	-	NRVU, BVU	
Type of motor installed or planned	-	10 Variable speed drive	
Type of heat recovery system	-	Recuperative	
Thermal efficiency of heat recovery	%	74	76
Nominal NRVU flow rate	m³/s	0,097	0,139
Effective electric power input	kW	0,107	0,14
Internal specific fan power of ventilation components (SFP_{int})	W/(m³/s)	1103,1	1007,2
Face velocity at design flow rate	m/s	5,96	4,7
Nominal external pressure ($\Delta p_{s,ext}$)	Pa	140	110
Internal pressure drop of ventilation components ($\Delta p_{s,int}$)	Pa	/	
Declared maximum external leakage rates of the casing of ventilation units	%	less than 3	
Declared maximum internal leakage rates for bidirectional ventilation units or carry over	%	less than 7	
Energy classification of the filters	-	/	
Calculated annual energy consumption of the filters (8760 hours of operation)	kWh/a	/	
Description of visual filter warning	-	Always be sure to use a filter. In order to prevent the reduced effectiveness of your Energy Recovery Ventilation, be sure to clean dirt and dust from the filter and Heat Exchange element at regular intervals.	
Filter alarm	-	Visual + pressure switch warning	
Sound pressure level under 1,5 meter L_{WA}	dB(A)	37,5	39
Internet address for disassembly instructions	-	**www.airside-ventilation.com**	
Air Filter class (supply/exaust)	-	G3+F9 / G3	
Temperature efficiency winter conditions	%	74	76
Enthalpy efficiency winter conditions	%	65	67
Temperature efficiency summer conditions	%	74	76
Enthalpy efficiency summer conditions	%	62	63
The specific energy consumption SEC	kWh/(m².a)	-42,6	-43,3
Energy class	-	A or A+	A or A+