



HIGH V-BOX

Product sheet - ErP Directive regulation 1254/2014



AIRSIDE VENTILATION

Mark	-	AIRSIDE VENTILATION	AIRSIDE VENTILATION
Model	-	VDFT-350	VDFT-500
Energy class-Average	-	A	A
Specific energy consumption Average	kWh/m ² .a	-39,7	-40
Specific energy consumption Cold	kWh/m ² .a	-83,6	-83,9
Specific energy consumption Warm	kWh/m ² .a	-14,5	-14,9
Type of airflow	-	DF	
Declared type	-	RVU	
Type of motor installed or planned	-	4 Variable speed drive	
Type of heat recovery system	-	Recuperative	
Thermal efficiency of heat recovery	%	85	
Maximum flow rate	m ³ /h	350	500
Electric power input of the fan drive at maximum flow rate	W	320	480
Sound power level	dB	37	39
Reference flow rate	m ³ /s	0,068	0,097
Reference pressure difference	Pa	50	
Specific power input (SPI)	W/m ³ /h	0,047	0,044
Control factor	-	0,65	
Type control system	-	Local demand control	
Maximum internal and external leakage rates	%	< 5% Internal, <5% External	
Mixing rate of non-ducted bidirectional ventilation units not intended to be equipped with one duct connection on either supply or extract air side	-	NA	
Position and description of visual filter warning for RVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	-	Refer to installation & maintenance instructions supplied with the unit	
For unidirectional ventilation systems, instructions to install regulated supply/exhaust grilles in the façade for natural air supply/extraction	-	NA	
Internet address for pre-/dis-assembly instructions	-	www.airside-ventilation.com	
For non-ducted units only: the airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	-	NA	
For non-ducted units only: the indoor/outdoor air tightness	m ³ /h	NA	
Annual electricity consumption (AEC)	kWh/a	2,48	2,34
Annual heating saved Average	kWh/a	45,9	
Annual heating saved Cold	kWh/a	89,79	
Annual heating saved Warm	kWh/a	20,75	