


MODEL		VL-250CZPVU2-R-EG			
Heat exchange system		Heat recovery ventilating system			
Heat exchanger material		Sensible heat exchanger			
Cladding		Steel sheet			
Heat insulation material		Polyethylene foam			
Motor		DC motor			
Blower		180mm diameter centrifugal fan			
Filter		Polypropylene + Polyester [ISO Coarse 90%(ISO16890:2016), G4 class (EN779:2012)]			
Pipe guide		Synthetic resin			
Outside air condition		Shall be higher than -15℃			
Return(Suction) air condition		Shall be lower than 40℃, 95%RH			
Surrounding air condition		Indoor temperature and humidity should not exceed the dew point temperature 12℃ (e.g. RH60% / 20℃)			
Supply fan operation under low outdoor temperature		-3℃ to -15℃ : Intermittent operation -15℃ or less : Supply air fan stop		※Exhaust air fan continuous operation	
Function		Heat recovery ventilation/ Bypass ventilation, Fan speed 1,2,3,4 The air flow increment by 1% from 25% to 100%			
Dimensions (Height x Width x Depth)		565mm x 595mm x 356mm			
Weight		25kg			
Electrical power supply		220-240V～ 50Hz / 220V～ 60Hz			
Insulation resistance		10MΩ or more			
Dielectric strength		AC 1000V 1 minute			
Maximum current [A]		1.0			
■ Specification					
Ventilation mode		Heat recovery mode			
Fan speed		Fan Speed 4 (100%)	Fan Speed 3 (70%)	Fan Speed 2 (50%)	Fan Speed 1 (30%)
Running current [A]		0.78	0.36	0.21	0.13
Input power [W]		107.5	44.5	23.5	12.5
Air volume	[m³/h]	235	165	114	68
	[L/s]	65.3	45.8	31.7	18.9
External static pressure [Pa]		150	74	38	14
Temperature exchange efficiency [%]		85	87	88	90
Sound pressure level @3m [dB]		31	22.5	16	15 >
ErP Class		A+			
■ Attention					
1. The above values are at factory default.					
2. The running current, the input power, the efficiency and the noise are based on the rating air volume, and 230V/50Hz.					
3. The sound pressure level at 3m is spherical.					
4. Temperature exchange efficiency (%) is based on winter condition.					
5. Mitsubishi Electric measures figures in the chart according to EN13141-7:2021.					
6. The sound pressure level is calculated using the sound power level.					
The sound power level measurement is performed according to ISO3744 with hemi-anechoic chamber.					
SPECIFICATIONS		※Specification may be subject to change without notice.			
	DATE	TYPE	Heat Recovery Ventilator LOSSNAY		
	15-Sep-23	MODEL	VL-250CZPVU2-R-EG		
		NUMBER	N21SGGD0009		
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