

MODEL	VL-220CZGV-E			SIGN	
Heat exchange system	Heat recovery ventilating system				
Heat exchanger material	water-resistant paper sensible heat exchanger				
Cladding	Galvanized steel sheet				
Heat insulation material	Noncombustibility polyethylene foam				
Motor	EC motor				
Blower	200mm diameter centrifugal fan				
Filter	Non-woven fabrics filter (Gravitational method 82% , EN779:2012 : G3)				
Duct connecting	Synthetic resin				
Duct connecting cover	Styrene foam				
Surrounding air condition	Shall be between 0°C and 40°C, 80%RH or less				
Return(Suction) air condition	Shall be lower than 40°C, 95%RH				
Supply fan operation under low outdoor temperature	0°C to -5°C : Intermittent operation 24 min ON, 6 min OFF. -5°C or less : Continuous supply air stopped				
Function	Heat recovery ventilation/ Bypass ventilation, Fan speed 1,2,3,4 (When the optional motorized damper (P-133DUE-E) is used, bypass ventilation mode can be switched.)				
Weight	31kg				
Electrical power supply	220-240V/50Hz, 220V/60Hz				
Ventilation mode	Heat recovery mode				
Fan speed	Fan Speed 4		Fan Speed 3		Fan Speed 2
Running current [A]	0.60		0.29		0.18
Input power [W]	80		35		18.5
Air volume [m³/h]	230		165		120
[L/s]	64		46		33
External static pressure [Pa]	164		84		44
Temperature exchange efficiency [%]	82.0		84.0		85.0
Noise [dB]	31.0		25.0		19.0
Insulation resistance	10MΩ or more				
Dielectric strength	AC 1000V 1 minute				
Maximum current [A]	0.8				