# Ventilation

## **Product Information**

**VL-80EU<sub>5</sub>-E**Total Heat Exchanger

Making a World of Difference

Lossnay



# Easy to install, efficient single room ventilation

The VL-80EU<sub>5</sub>-E total heat exchangers are part of Mitsubishi Electric's energy efficient Lossnay range.

With modern homes being built to stricter Building Regulations that call for highly insulated homes, the need for ventilation to remove stale air without major heat loss is key. The VL-80EU<sub>5</sub>-E units supply fresh air inside a room using simultaneous supply and extract operation in an energy efficient manner. The recovery of both latent heat and sensible heat ensures a comfortable internal environment as well as reducing heat losses hence saving both energy and costs.

### **Key Features**

- Effective fresh air ventilation
- Improved air quality and comfort
- Efficient heat recovery
- Good sound attenuation
- Simple installation
- Low power consumption
- Up to 70% heat recovery



Air Conditioning | Heating Ventilation | Controls



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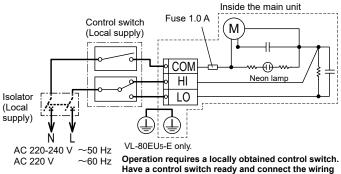


LOSSNAY		RESIDENTIAL WALL - MOUNTED VL-80EU <sub>5</sub> -E
Electrical Power Supply		230V, 50Hz
Phase		Single
Power Consumption (W)	Low	15.5
	High	28
Airflow (m³/h)	Low	49
	High	80
Sound Pressure Level (dBA)	Low	26
	High	37
Temperature Exchange Efficiency (%)	Low	70
	High	62
Weight (kg)		8.8
Dimensions (mm)	Width	620
	Depth	200
	Height	265
Duct Size (mm)		2 x 075 (outside)
Fuse Rating (BS88) - HRC (A)		3
Mains Cable No. Cores		3

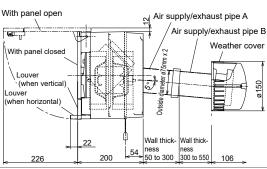
#### VL-80EU<sub>5</sub>-E DIMENSIONS

# Lossnay core (Heat exchanger) Indoor air exhaust hole Outside air Filter Louver Air supply outlet Indoor air exhaust hole (VL-80U5-E only) Power cord (with plug) (VL-80U5-E only) (effective length approx. 3 m)

#### WIRING DIAGRAMS



Have a control switch ready and connect the wiring shown in bold on the connection diagram above.





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Mitsubishi Electric Ireland Living Environmental Systems

