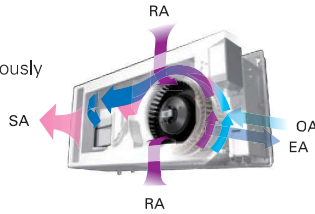


## Decentralized ventilation: VL-50(E)S<sub>2</sub>-E, VL-50SR<sub>2</sub>-E and VL-100(E)U<sub>5</sub>-E

### Product Merit

#### Air supplied and Exhausted Simultaneously

Supply and exhaust air simultaneously while transferring the heat.

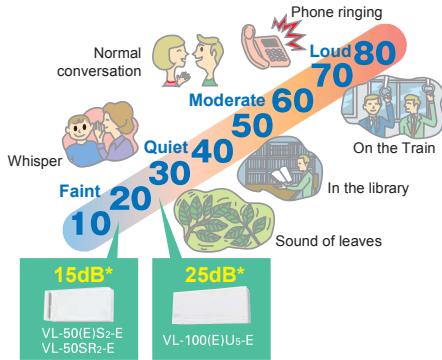


#### Energy Efficient

- Total heat exchanger minimizes heat loss.
- Achieve over 80%\* temperature efficiency.

\*VL-100(E)U<sub>5</sub>-E at low fan speed in 230V 50Hz  
 \*VL-50(E)S<sub>2</sub>-E at low fan speed in 230V 50Hz

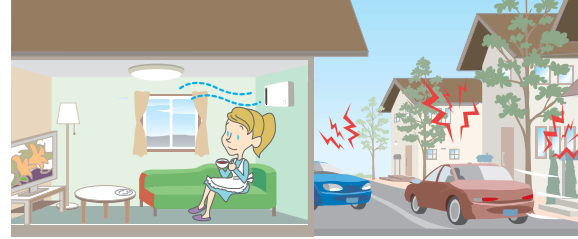
The low noise level is good for bedrooms and children's rooms.



\*Condition: 50Hz, 230V, low fan speed

#### Sound Insulation

A sound insulation effect reduces noise generated outside.



Sound Insulation Effect	Sound Source Side Average sound pressure dB	Sound Receiving Side Average sound pressure dB	Difference
	103.4	63.2	40.2

\*Tested based on VL-08S<sub>2</sub>-AE

\*Measured by average sound pressure level of more than 30dB in 500Hz according to JIS A1416.

VL-08S<sub>2</sub>-AE is a Japanese dedicated model equivalent to VL-50(E)S<sub>2</sub>-E

### Product Features

#### Stylish Design

Match any interior decor to create a comfortable room.



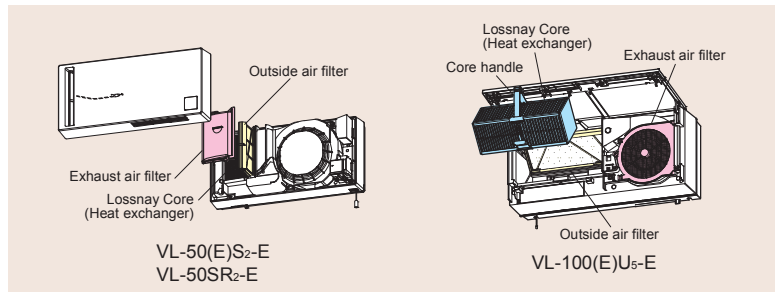
VL-50(E)S<sub>2</sub>-E  
 VL-50SR<sub>2</sub>-E



VL-100(E)U<sub>5</sub>-E

#### Easy Maintenance

The only maintenance required is cleaning the outside-air filter and exhaust-air filter. Filters are easily accessible, making quick and thorough cleaning possible.



### Flexible Installation for Only VL-50(E)S<sub>2</sub>-E and VL-50SR<sub>2</sub>-E

Not only horizontal installation but also vertical installation is available. It can fit various types of rooms with flexible installation.



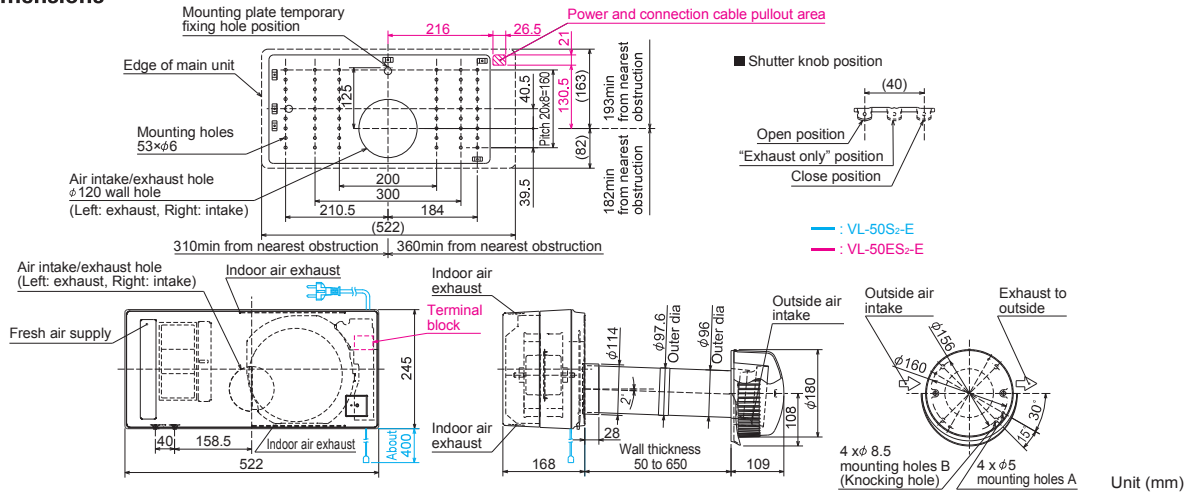
# Residential Lossnay Specifications

## Model: VL-50S<sub>2</sub>-E (Pull-Switch Model) and VL-50ES<sub>2</sub>-E (Wall-Switch Model)

Model	VL-50(E)S <sub>2</sub> -E							
	220V/50Hz		230V/50Hz		240V/50Hz		220V/60Hz	
Electrical power supply	220V/50Hz		230V/50Hz		240V/50Hz		220V/60Hz	
Fan speed	High	Low	High	Low	High	Low	High	Low
Airflow (m <sup>3</sup> /h)	51	15	52.5	16	54	17	54	17
Power consumption (W)	19	4	20	4.5	21	5	21	5.5
Temperature exchange efficiency (%)	70	86	69	85	68	84	68	84
Noise level (dB)	36.5	14	37	15	37.5	15.5	37.5	15.5
Weight (kg)	6.2							
Specific energy consumption class	C							

\*Figures in the chart were measured according to Japan Industrial Standard (JIS B 8628) with the shutter knob in open position.

### Dimensions



## Model: VL-50SR<sub>2</sub>-E (Remote Controller Model)

Model	VL-50SR <sub>2</sub> -E							
	220V/50Hz		230V/50Hz		240V/50Hz		220V/60Hz	
Electrical power supply	220V/50Hz		230V/50Hz		240V/50Hz		220V/60Hz	
Fan speed	High	Low	High	Low	High	Low	High	Low
Airflow (m <sup>3</sup> /h)	51	15	52.5	16	54	17	54	17
Power consumption (W)	19	4.5	20	5	21	5.5	21	6
Temperature exchange efficiency (%)	70	86	69	85	68	84	68	84
Noise level (dB)	36.5	14	37	15	37.5	15.5	37.5	15.5
Weight (kg)	6.2							
Specific energy consumption class	C							

\*Figures in the chart were measured according to Japan Industrial Standard (JIS B 8628) with the shutter knob in open position.

### Dimensions

