



## Easy to install, energy efficient single room ventilation

Part of Mitsubishi Electric's energy efficient Lossnay range, VL-50 total heat exchangers supply fresh air inside a room using simultaneous supply and extract operation using only a single pipe for easy installation.

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. Perfect for new build or retrofit residential and commercial applications where there is a need for ventilation to remove stale air without major heat loss.

### Key Features

- Effective fresh air ventilation
- Improved air quality and comfort
- Efficient heat recovery - up to 84%
- Low sound level
- Low power consumption
- Total heat exchange (sensible and latent)
- Easy maintenance
- Flexible and simple installation



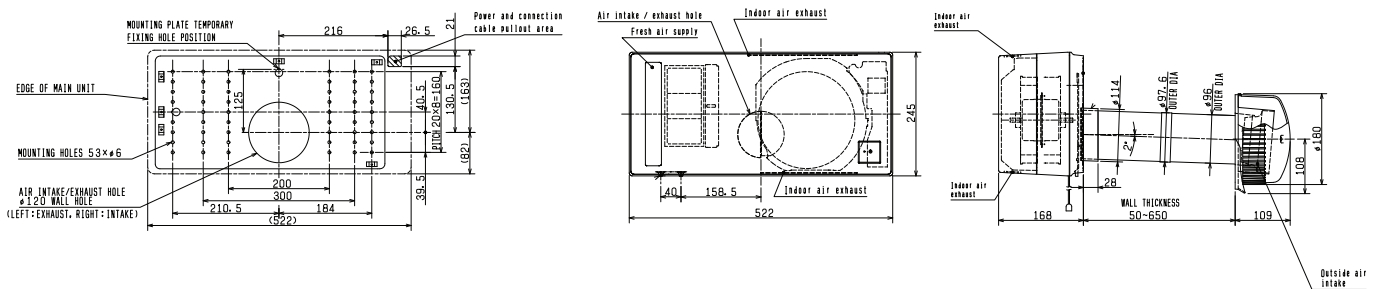


VL-50ES<sub>2</sub>

OUTDOOR UNITS		VL-50S <sub>2</sub>	VL-50ES <sub>2</sub>	VL-50SR <sub>2</sub>
ELECTRICAL POWER SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single
POWER CONSUMPTION (W)	Low	5	5	5.5
	High	21	21	21
AIRFLOW (m <sup>3</sup> /h)	Low	17	17	17
	High	54	54	54
SOUND PRESSURE LEVEL (dBA)	Low	15.5	15.5	15.5
	High	37.5	37.5	37.5
TEMPERATURE EXCHANGE EFFICIENCY (%)	Low	84	84	84
	High	68	68	68
WEIGHT (kg)		6.2	6.2	6.2
DIMENSIONS (mm)	Width	522	522	522
	Depth	168	168	168
	Height	245	245	245
DUCT SIZE (mm)		φ120	φ120	φ120
FUSE RATING (BS88) - HRC (A)		6	6	6
MAINS CABLE NO. CORES		3	3	3
CONTROL		Pull Cord	External Wall Switch (Field Supply)	Wireless Remote Controller

### PRODUCT DIMENSIONS

### VL-50S<sub>2</sub> / VL-50ES<sub>2</sub> / VL-50SR<sub>2</sub>



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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). \*These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP: 650), R407C (GWP:1650) or R134a (GWP:1300).



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