

The input power, the efficiency and the noise are based on the rating air volume, 400V/50Hz. 1

Noise (A-weighted sound pressure level) is measured 1.5m off from the center of the unit in an anechoic chamber. 2. Heat recovery ventilation mode starts automatically while detecting OA temperature lower than 8°C, even Bypass mode is selected. Remote controller continues to display "Bypass ventilation" in this case.

- Do not use the booster fan to exceed airflow rate/pressure shown in Q-H diagram of the unit. 3.
- In bypass mode, the maximum air flow is 70% of heat recovery mode. See "Bypass operation" section for more detail. 4
- 5. Power supply must be connected to 3 phase 4 wire power line but the unit uses it as 2 lines of single phase power. See
- "Wiring diagram" section for more detail.
- 6. It is prohibited to use the unit where salt, sulphur or hot spring steam damage is expected.
- Do not use with acid, alkalis, organic solvent, oil mist, paint, or harmful gas as pesticide, corrosive gas, etc. 7
- In cold area or strong wind area, outdoor air may enter the unit because of the pressure difference or external wind even 8. when the unit stops. It is recommended to install an electrically damper to block outdoor air in such cases.
- 9. Avoid to install air inlets and outlets where insects are likely to gather like a place near interior or exterior lights. In that case, select hoods or louvers which have repellent net. *Specifications may be subject to change without notice.

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SPECIFICATIONS	DATE	TYPE	CEILING RECESSED LOSSNAY	
	15-May-24	MODEL	LGH-250RVXT3-E	
MITSUBISHI ELECTRIC CORPORATION		NUMBER	N23HHGU0026	1/5





Bypass operation

RVXT3 series does not have bypass damper.

Bypass operation of RVXT3 is realized by only one fan motor operation from 2 fan motors in supply and exhaust path. Air path to 2 fan motors in each supply and exhaust are separated physically after the heat exchange core. This structure contribute that one fan motor operation in each supply and exhaust path makes less-heat-recovery operation possible.

In bypass mode, the maximum air flow is 70 % of heat recovery mode. So as in Night-purge function also.

Note:

• When RVXT3 operates air flow 75 % or more at "Auto" fan speed according to 0-10 VDC input control, RVXT3 moves into heat recovery mode and stops bypass monitor output even bypass condition is satisfied at bypass mode.

- The display on the remote controller keeps bypass mode.
- In bypass mode, the fan with outlet shutter operate trickly from 60 % to 70 % airflow. If it is necessary to stop that operation, it is possible to change the maximum airflow for bypass mode in Function setting. See installation manual for more detail.





LGH-250RVXT3-E

N23HHGU0026

Close

4/5

■Maintenance and lifetime

SAFTY NOTES

MITSUBISHI ELECTRIC CORPORATION

Remove all dust and dirt on air filters and Lossnay cores at regular intervals to prevent from a deterioration in the Lossnay function.

MODEL

NUMBER

Refer to each model's operation instructions for the suggested maintenance period and methods. General indication of lifetime of the main parts is as below. Time below is unrelated to guaranteed period for service. And parts exchange period varies with usage condition.

Lossnay cores	: Around 10 years with maintenance at stated periods.					
Air Filters	: Around 5 years with maintenance at stated periods					
Motor	: 30,000 hours					
Circuit board	: 25,000 hours					
Thermistor	: Around 5 year	S		Specifications may be subject to change without notice.		
CVETA V		DATE	TYPE	CEILING RECESSED LOSSNAY		

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