



Attention

 When using the product where it is expo- or where fog occurs frequently, moistur- build up in the unit. The product should 	e is likely to	condense in th					
2. Outdoor air may enter the Lossnay owing	to the pressur	e difference b					
3. In a cold weather area, an area with st external winds or fog may be introduced It is recommended to install an Electric	into the produ	ct when its op					
It is recommended to install an Electrically operated damper. 4. In a cold weather area, or others, dewing or freezing could occur on the main unit, where the duct is connect -ed, or other sections, depending on the conditions of outdoor air and indoor temperature and moisture, even if they are within the range of operating conditions. Make sure to confirm the operating conditions and other precautions, and do not use the product if dewing or freezing is anticipated. 5. The outside ducts must be tilted at a gradient (1/30 or more) down toward the outdoor louvres from Lossnay, and properly insulated. (The entry of rain water may cause power leakage, fire, or damage to household property) 6. The two outdoor ducts must be covered with heat-insulating material in order to prevent condensation from forming. If it is expected that the ambient temperature around the place where the Lossnay unit is installed will be high during the summer air conditioning season, it is recommended that the indoor ductwork be covered with insulation material. 7. Inspection opening (450×450 or 600×600mm)must be installed on the filter and Lossnay core removing side.							
		≫Specifi	cations may be subject to change without notice.				
OUTLINE DRAWINGS	DATE	ТҮРЕ	CEILING RECESSED LOSSNA	Ý			
GOTEINE DRAWINGS	01-Nov08	MODEL	LGH-15RXs-E (50Hz)			
MITSUBISHI ELECTRIC CORPORATION		NUMBER	ND108079 2/5				



🔲 Outline drawings

Lossnay model selection advices

1.Operating environment Install this product in an environment where the temperature ranges from -10℃ to +40℃ and the relative humidity is less than 80%RH. If condensation is expected to form,heat up the fresh outside air should be treated.						
2.Do not use under high temperature and humidity condition Condensation will occur and water will gather inside the Lossnay cores under high temperature and humidity condition, such as warm swimming pool, bathroom, greenhouse or foggy place.						
3.Condition of outdoor, indoor and return air Avoid using Lossnay under air condition with acid, alkalis, organic solvent , oil mist, paint, or harmful gas as presticide, corrosive gas, etc.						
4.Insulation failure caused by salt or sulphur air and hot spring steam, Rust, fire or malfunction may occur. Installing high quality filters inside outdoor air duct if the Lossnay operates in salt or sulphur air conditions.						
5.Intake of mist or outdoor air during off-mode operation Outdoor air or mist may flow through the duct into your room when Lossnay is in off-mode at windy and foggy area. To prevent intake of outdoor air or fog, a damper is advised to be installed.						
6.Entry of insects When using the product in an environment where there is a window,or opening near the outdoor hood,so that insects are likely to gather around the interior or exterior light,take note that small insects may intrude into the Lossnay filters.						
7.By-pass ventilation In the case of "By-pass" ventilation, the supply air temperature slightly rises more than the outside air temperature because of the effect around the ducts or the unit motors.						
8.Usage of M-NET. When solely using Lossnay units, power supply unit is required to connect to centralized control. Number of power supply units or the transmission boosters should correspond with the connected Lossnay units.						
Caution for installation						
1. Do not modify the unit as it may cause malfunction.						
2.Leaving sufficient space for maintenance purpose.						
3.The location of the air inlet Take care in locating air inlet to prevent intake of dirty air or disgusting smell from exhaust gas of factory, air from rubbish disposal, etc.						
4. Take precautions when using the product in a quiet location.						
5.Heat insulation foam for duct Take care as below to prevent the contaminate ceiling by duct condensation.						
@The two outdoor ducts(OA and EA) must be covered with heat-insulating material in order to prevent condensation.						
② If it is expected that the ambient temperature around the place where the Lossany unit is installed will be high during the summer air conditioning season, it is recommended that the indoor ductwork be covered with insulation material.						
©Outdoor air may come into unit during not operating unit by the pressure difference between indoor and outdoor or the outdoor wind. In this case you should install a damper.						
⊕It is possible for condensation and freezing to occur in the cold regions inside the unit because of the outdoor air condition or humidity condition above ceiling.Make sure to install supplemental insulation foam.						
©In the case that air condition around Lossnay unit is high temperature in summer, it is recommended that there are heat insulation foam on indoor side duct to prevent heat recovery decreased by warming indoor duct. In winter, it is possible to cool indoor side duct without heat insulation foam on indoor side duct.						
₩Specifications may be subject to change without notice.						
SAFTY NOTES DATE TYPE CEILING RECESSED LOSSNAY						
$O1-N_{0V}-O8 MODEL LGH-15RX_{5}-E (50H7)$						

 01-№ v.-08
 MODEL
 LGH-15RX 5-E
 (50Hz

 ▲MITSUBISHI ELECTRIC CORPORATION
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6. Prevent entry of rainwater into Lossnay unit

Install weather louvre or "Weather cover" for OA inlet & EA outlet. This is to prevent rainwater entering the Lossnay unit.

Ducts to outdoor(OA and EA)should decline by 1/30 or more.

- ① Install the anchor bolts to ensure the product's weight or earthquake load. (Correctly rated wire/chain may also be used)
- ② Do not install this product in a place where it is exposed to ultraviolet light. (UV may be damage covering insulation.)

7. Electrical Work

A single pole isolator must be installed at the origins of mains power supply. Use single flush box, to support remote controller. Must connect ground wiring. When connecting external devices (electrically operated damper, lamp, monitoring unit, etc.) using output signals of the lossnay unit, make sure to install safety equipment for the external devices. (It could cause fire, damage, etc. without safety equipment)

Maintenance

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 as stated periods.
Air Filters	: around 5 years with maintenance as stated periods
High efficiency filters	:3000 hours (Optional Parts)
Motor	:30000 hours

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SAFTY NOTES	DATE	ТҮРЕ	CEILING RECESSED	LOSSNAY
	01-Nov08	MODEL	LGH-15RX₅-E	(50Hz)
MITSUBISHI ELECTRIC CORPORATION		NUMBER	ND108079	5/5