Lossnay
Model: PZ-62DR-EA
MITSUBISHI ELECTRIC

Job Name:

Schedule Reference: **Date:**

- Stand-alone Lossnay operation is possible by commands from a centralized controller or Lossnay remote controller. (AE-200A/AE-50A/ EW-50A/AG-150A-A are centralized controllers that support Lossnay operation.)
- The Lossnay remote controller is capable of changing the air flow and vent modes.
  All the wiring is cross-wiring that uses non-polar two wire system signal cables.
- Lossnay unit that is interlocked with other indoor units.
※ When setting up a Lossnay stand-alone system or when set-ting up a Lossnay and centralized controller system, connect a power supply unit for the signal cables.
※ It is possible to use a Lossnay remote controller for Lossnay unit that is interlocked with other indoor units.

■ Applicable Lossnay model
  LGH-300 ~ 1200RVX2-E (6 Models)
  LGH-300 ~ 1200RVX-E (4 models)*
  *Some functions are not available and limited.
  Please contact Mitsubishi for more details.
  *PZ-62DR-EA is not compatible with LGH-F-RX5 series

4. Restriction setting

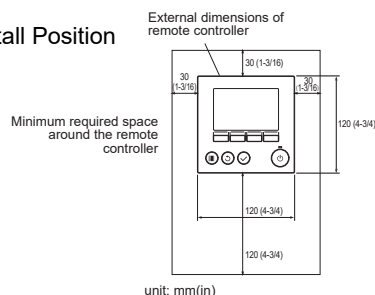| No.	Item	Icon	Content
1	Centrally controlled		This icon appears when On/Off operation is centrally controlled.
2	Operation lock Fan speed skip		This icon appears when On/Off, fan speed changing or ventilation mode changing is locked or more than one of all fan speeds is skipped.
3	Password	-	Setting Administrator password is possible.

*Administrator password is required.

5. Other settings <Administrator password is required>

No.	Item	Content
1	Display contrast	Adjusting the LCD contrast is possible.
2	Language selection	Settable from installed languages as below. English, German, French, Spanish, Russian , Dutch , Turkish , Czech , Hungarian , Polish , and Bulgaria.
3	Airflow	The fan speed output of FS1 to FS4 can be set from the controller. The function is available for both Supply and Exhaust fan separately. Each fan speed can be set 25% to 100% by 5% pitch.
4	Auto Bypass	During automatic ventilation mode, mode switches between heat recovery mode and bypass mode in accordance with room temp. (RA) and outdoor temp.(OA). The temperature range of the bypass ventilation can be set.
5	External input	When fan speed is set to "Auto", airflow can be changed automatically depend on the voltage input (0-10V DC) from the CO2 sensor or BMS.
6	Restriction	Operation locked The operations can be restricted. Refer to the Instruction Book. Fan speed skip Each fan speed can be skipped. Refer to the Instruction Book.
7	Maintenance interval	The maintenance interval of the filter and Lossnay core can be set.
8	Unit information registering	Registering model names and serial numbers of Lossnay unit is possible.
9	Dealer information registering	Registering dealer's telephone number is possible.
10	Function setting	Settable appropriate function of the selection switch, night purge and so on.
11	Initializing	Initializing the remote controller. The following are initialized. Timer, Weekly timer, Operation locked, Main/Sub, Clock, Contrast, Display details, Model name input, Serial No. input, Dealer information input, Error history, Administrator password, and Language selection

* Same function can be set in Function setting No.52~54. As for details, please refer to Instruction Book.

■ Install Position

External dimensions of remote controller

Minimum required space around the remote controller

unit: mm(in)

■ Functions
1. Operation

No.	Item	Content
1	ON/OFF	Press to turn ON/OFF the Lossnay unit.
2	Fan speed	Select the fan speed from 1, 2, 3 , 4 or Auto.* (Selectable fan speeds depend on the type of Lossnay unit) (Fan speed "Auto" is available in case of connecting PZ-70 series CO2 sensor or field supply CO2 sensor.)
3	Ventilation Mode	Select the Ventilation mode from Heat-Recovery, By-pass and Automatic. (Selectable ventilation modes depend on the type of Lossnay unit)
4	Backlit LCD	Pressing any button turns the backlight on and it stays lit for a certain period of time.

*Auto Fan speed is not available with LGH-RVX(T) series.

■ Functions
2. Display

No.	Item	Icon	Content
1	Remote controller	-	"Lossnay" is always displayed at the top-left in the screen.
2	Clock	-	The current time is displayed. It is also available not to display the time.
3	Clock display selection	-	Select clock display format 24-hour or 12-hour. When the time display format is 12-hour, select AM/PM display position before or after the time.
4	Night-purge setting		This icon appears when the night-purge function is set to be available by choosing day, time and fan speed.*1
5	Filter sign		This icon appears when it is time to clean the filter and/or Lossnay core.
6	Filter sign (Centrally controlled)		This icon appears when the filter reset function is centrally controlled.
7	Protect operation		This icon appears when performing operation to protect the equipment.
8	Control when operation start		This icon appears when performing the power supply/exhaust function or the delay operation at the start of operation.
9	External fan speed		This icon appears when fan speed is controlled externally.
10	Operation interlocked with external unit	LINK	This icon appears when operation interlocked with external unit.
11	External ventilation		This icon appears when ventilation mode is controlled externally.
12	Error information	-	When an error occurs, error code, error unit, M-NET address, unit model name and serial number appear. The model name and serial number appear only if they have been registered.
13	Sensor value	-	Outdoor air temperature, return air temperature and supply air temperature (calculated value) or CO2 concentration value (available only to PZ-70 series CO2 sensor) can be displayed. Factory setting is OFF.*2

*1 When the value of Function setting No.30 is set to 1~4 (Fanspeed 1~4), Night-purge is available and it is possible to set day and time.
*2 CO2 concentration is not displayed with LGH-RVX(T) series.

3. Timer/Weekly timer

No.	Item	Icon	Content
1	Timer		On/Off timer: Timer to work the power On/Off each once a day. Settable in 5-minuites increments. Setting either the time to On or Off is possible. Auto-Off timer Timer to stop after a certain period of operating time. Settable from 30 to 240 minutes in 10-minuites increments.
2	Weekly timer		Set On/Off schedule and fan speed in each day of the week. Settable up to 8 patterns in 5-minutes increments each day. The weekly timer does not work when On/Off timer is enabled.
3	Fan speed timer		Timer to operate at pre-set fan speed and time period. After pre-set operation, the unit goes back to the fan speed that was set before the pre-set operation.

*Administrator password is required.

Specification

Power supply requirement	12V DC (Supplied from Lossnay unit)
Power consumption	0.3W
Transmission cable	Non polarized 2-wire (0.3mm2(AWG22) sheathed cable)
Total wiring length	200m(219yd) maximum
Number of controllable Lossnay units	15 Lossnay units maximum (Max 2 remote controllers installable)
Environmental condition	Temperature:0 to 40℃ (32 to 104 °F) Humidity:30% to 90% relative humidity (no condensation) Do not install in the highly humid place such as inside the shower room etc.
Size	120 x 120 x 19 mm (4-3/4 x 4-3/4 x 3/4 in)
Weight	0.25kg (0.55lb)
Color	GRAYSH　WHITE

Specifications are subject to change without notice.