

OWNER' S MANUAL

Wire Controller Of Heat Recovery Ventilator(Hrv)

MODEL: KJR-27B/E、RMV-RHR1、KJR-27B/BGE

Thank you very much for purchasing our product.
Before using your unit, please read this manual carefully and keep it for future reference.

- This manual gives detailed description of the precautions that should be brought to your attention during operation.
- In order to ensure correct service of the wired controller please read this manual carefully before using the unit.
- For convenience of future reference, keep this manual after reading it.



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1. SAFETY PRECAUTIONS



The following contents are stated on the product and the operation manual, including usage, precautions against personal harm and property loss, and the methods of using the product correctly and safely. After fully understanding the following contents (identifiers and icons), read the text body and observe the following rules.

■ Identifier description


Identifier	Meaning
 Warning	Means improper handling may lead to personal death or severe injury.
 Caution	Means improper handling may lead to personal injury or property loss.


[Note]: 1. "Harm" means injury, burn and electric shock which need long-term treatment but need no hospitalization
2. "Property loss" means loss of properties and materials.

■ Icon description

Icon	Meaning
	It indicates forbidding. The forbidden subject-matter is indicated in the icon or by images or characters aside.
	It indicates compulsory implementation. The compulsory subject-matter is indicated in the icon or by images or characters aside.

Warning

 Warning	Delegate installation	Please entrust the distributor or professionals to install the unit. The installers must have the relevant know-how. Improper installation performed by the user without permission may cause fire, electric shock, personal injury or water leakage.
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 Usage Warning	Forbid	Do not spray flammable aerosol to the wire controller directly. Otherwise, fire may occur.
	Forbid	Do not operate with wet hands or let water enter the wire controller. Otherwise, electric shock may occur.

2. WIRE CONTROLLER SUMMARIZE

The basic operation conditions of wire controller are as follows:

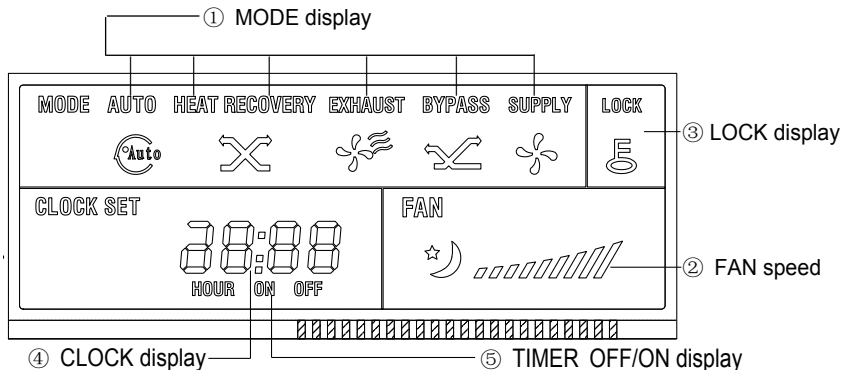
1. The range of power supply voltage: the voltage input is 5V DC.
2. Ambient temperature range: - 15°C ~ +43°C.
3. Ambient humidity range: RH40% ~ RH90%.

3. FUNCTION SUMMARIZE

The wire controller has functions as follows:

1. Connect with indoor units with five terminals of A,B,C,D,E.
2. Set the mode through buttons.
3. LCD display.
4. Display the timer function of remain time.

4. NAME AND FUNCTION OF LCD ON THE WIRE CONTROLLER



① Mode select button (MODE):

Press MODE button to select "AUTO", "HEAT RECOVERY", "EXHAUST", "BYPASS", or "SUPPLY" mode.

② Fan speed display (FAN SPEED)

Press FAN SPEED to select fan speed from "☆☾", "LOW", "MED", and "HIGH".

NOTE:

1. "☆☾" means the fan speed under the sleep mode.
2. The actual controlled gear of wire controller uses the configured adjustable fan gear of the full heat exchanger as standard.

3. The configuration specification of the full heat exchanger fan gear: Model CE-HRV*, SA-HRV*, (*=200~1000) machines have 3 fan gears can be adjusted, Model (*=1500~2000) machine has only 1 fan gear.

③ Lock display

Press LOCK to display the icon of LOCK. Press the button again then the icon of LOCK disappears. In the mode of LOCK, all the buttons are invalid except for LOCK button.

④ CLOCK display

Usually display the clock set currently. Press the button CLOCK for 4 seconds,

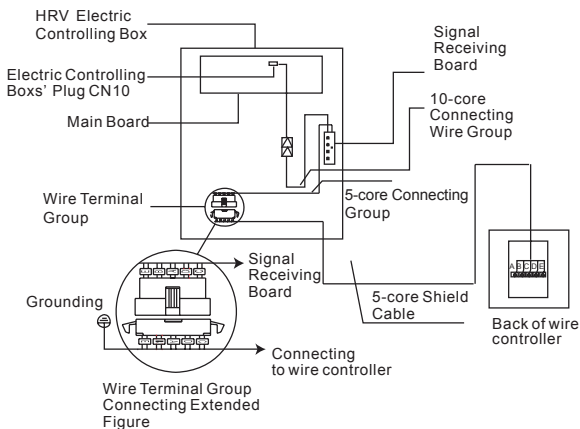
the HOUR part will flash, press button ▲ and ▼ to adjust HOUR. Press the button CLOCK again, the minute part flash, press button ▲ or ▼ to adjust MINUTE. After clock set or clock operation, it must press CONFIRM to complete the set..

⑤ TIMER ON/OFF display:

Display ON at the state of TIMER ON

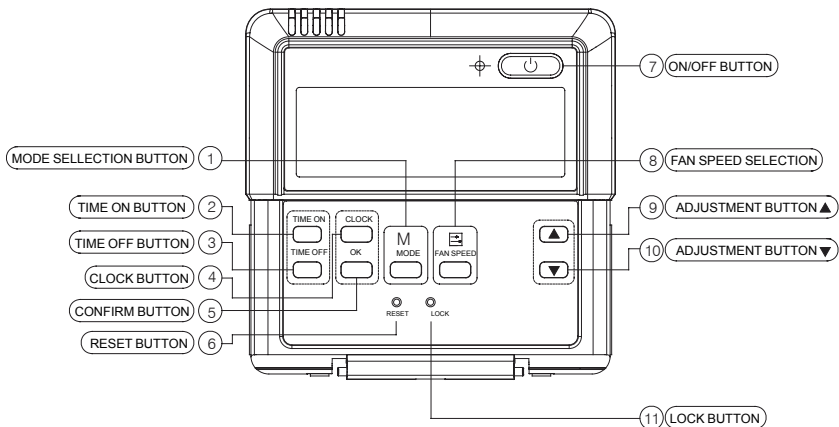
adjustment or after only set the TIMER ON; Display OFF at the state of TIMER OFF adjustment or after only set the TIMER OFF; Display ON/OFF if simultaneously set the mode of TIMER ON and TIMER OFF.

5. INSTALLATION METHOD



Connection method and the principle diagram show as follow

6. NAME AND FUNCTIONS OF BUTTONS ON WIRE CONTROLLER



① Mode selection button:

It is used to select mode, push the button one time, then the operation modes will change in turn as follows:

AUTO→HEAT RECOVERY→EXHAUST
→BYPASS→SUPPLY

② Timer on button:

Push the button to set TIMER ON, each time you push the button the time moves forward by 0.5 hours. When the set time is over 10 hours, each time you push the button the time moves forward

by 1 hour. If want to cancel the TIMER ON, then adjust the time of TIMER ON as 0.0.

③Timer off button:

Push the button to set TIMER OFF, each time you push the button the time moves forward by 0.5 hours. When the set time is over 10 hours, each time you push the button the time moves forward by 1 hour. If want to cancel the TIMER OFF, then adjust the time of TIMER OFF as 0.0.

④CLOCK button:

Normally display the clock set currently (display 12:00 for the first electrifying or resetting). When push the button for 4 seconds, the hour part on the clock display flashes every 0.5 seconds, then push button ▲ and ▼ to adjust hour; push the button CLOCK again, the minute part flashes every 0.5 seconds, then push and button to adjust minute. When set clock or alter clock setting, must push the confirm button to complete the setting.

⑤Confirm button:

The button is used at the state of CLOCK adjustment. After select the time, push the button to confirm then exit, the current clock will display

⑥RESET button (hidden):

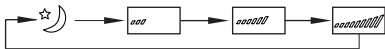
Use a small stick with a diameter of 1mm to push the RESET button to cancel the current settings and get into the condition of resetting.

⑦ON/OFF button:

Push the button at the condition of OFF, the OPERATION lamp lights, and the wire controller enters into ON operation, simultaneously sends the information of operation mode set currently, temperature, fan speed, timer etc. Push the button at the condition of ON, the OPERATION lamp extinguishes, simultaneously sends the OFF. If having set TIMER ON or TIMER OFF, the wire controller will cancel these settings before entering into OFF, close the concern indicator, and then send the OFF information.

⑧Fan speed selection button (FAN SPEED)

Select any one fan speed from " ☆) ", "LOW", "MED" , and "HIGH". Each time push the button, the fan speed will change in turn as follow.



⑨ Adjustment button:

The button only for time adjustment.
Push the ▲ button, time increases.

⑩ Adjustment button:

The button only for time adjustment.
Push the ▼ button, time decreases.

⑪ LOCK button (hidden):

Use a small stick with the diameter of 1mm to push the LOCK button to lock the current setting, push the button again then cancel the setting.

7. THE USING OF WIRE CONTROLLER

AUTOMATIC OPERATION

Insert the power supply, operation lamp of HRV flashes.

1. Push MODE to select AUTO
2. push ON/OFF, the operation lamp of HRVunit lights, the HRV start operating at the AUTO mode, the fan speed is controlled automatically, wire controller display screen display "AUTO" the fan speed is un-adjustable. Push the button ON/OFF again, then the HRV stops operating.

THE OPERATION OF HEAT RECOVERY/BYPASS /SUPPLY

1. Push the button MODE to select any one of "HEAT RECOVERY", "BYPASS", or "SUPPLY"mode.
2. Push the button FAN SPEED to select any one of " ☆) ", "LOW", "MIDDLE", or "HIGH" fan speed modes.
3. Push the button ON/OFF, the operation lamp on HRV lights, the HRV operates according to the mode selected. Push the button ON/OFF again, stop the HRV.

EXHAUST OPERATION

1. Press MODE to select EXHAUST mode.
2. Push the button ON/OFF, the operation lamp of indoor unit lights, and the air conditioner will start to EXHAUST mode. Press the button ON/OFF again, stop the 3. The button FAN SPEED is invalid in the mode EXHAUST.

TIMER SETTING

1. Button TIMER ON can set the starting time.
2. Button TIMER OFF can set the stopp-ing time.

ONLY SET THE TIME OF TIMER ON

1. Push button TIMER ON, the wire controller display SETTING, the icons of HOUR and ON display on the timer setting area. The wire controller enter into the setting of timer on.

2. Push button TIMER ON again, and then adjust the time of timer on as your desired.
3. Continuously push the button, the time of timer will increase 0.5 hours per time. After the time of timer reaches to 10 hours, the time will increase 1hour each time.
4. 0.5 seconds later, after finishing the adjustment, the wire conditioner sends the information of time on, the timer on setting is completed.

ONLY SET THE TIME OF TIMER OFF

1. Push button TIMER OFF, the wire controller display SETTING, the icons of HOUR and OFF display on the timer setting area. The wire controller enters into the setting of timer off.
2. Push button TIMER OFF again, and then adjust the time of timer off as your desired.
3. Continuously push the button, the time of timer will increase 0.5 hours per

time. After the time of timer reaches to 10 hours, the time will increase 1hour each time.

4. 0.5 seconds later, after finishing the adjustment, the wire conditioner sends the information of timer off, the timer off setting is completed.

SET THE TIME OF TIMER ON AND TIMER OFF SIMULTANEOUSLY

1. Refer to step 1 and step 2 of TIMER ON to set the TIMER ON.

2. Refer to step 1 and step 2 of TIMER OFF to set the TIMER OFF.

3. When set the TIMER ON and TIMER OFF simultaneously, if the set times of TIMER ON and TIMER OFF are all over 10 hours, then TIMER OFF is always later 1 hour than TIMER ON.

4. 0.5 seconds later, after finishing the adjustment, the wire conditioner sends the information of timer onf, the timer off and timer on setting arecompleted.

Alter the timer.

To alter the time of TIMER ON of

TIMER OFF, push the timer button to confirm once more. Adjust the time of TIMER ON and TIMER OFF as 0.0 to cancel the TIMER ON of TIMER OFF.

Remark: the time of TIMER ON is the relative time; it is relative to the standard time ofoperating wire controller. If having setting the TIMER ON or TIMER OFF, then the clock can not be adjusted.

8. TECHNIQUE CERTIFICATION AND REQUIREMENT

EMC and EMR should conform to the CE certification.

Version: MDV08U-027JW

202055100512

尺寸：130mm*130mm 材质：100g双胶纸 颜色：黑白印刷

此页不做菲林，仅做核对用；

版本由H版更新为I版；

更改内容：第3页序号更正。

更改说明：版本号由I升级到J版本；

内容：补充说明书适用机型型号。

2019.08.19

添加材质说明，说明书内容无影响，版本号不作升级

