

## DEHUMIDIFIER

## MODEL MJ-EV200FJ-H INSTRUCTION MANUAL

#### **Features**

- Advanced Inverter Technology
- Compact and Powerful
- ECO AUTO, Energy Saving



This appliance is designed for use in Hong Kong and Macau only and please do not use in any other countries.

#### English

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## **Recommended Ways of Using the Unit**



## **Features of This Dehumidifier**

#### Room temperature may rise 2–6°C during operation.

The dehumidifier does not have a cooler function. Due to heat produced during operation, the room temperature may rise  $2-6^{\circ}$ C. As a result, the unit may blow warm air, but this is not due to a malfunction. (During winter, the air may not feel warm as the temperature is below body temperature.)

#### How does the dehumidifier work?

If you pour cold water into a cup, the air around it becomes cold, causing water droplets to form on the surface of the cup.

The dehumidifier takes advantage of this phenomenon to remove moisture from the air.

- The unit draws air from the room, cools it with its cooling coil, causing the moisture to transform into water droplets.
- ② The water droplets fall into the water tank.
- ③ Dehumidified air is heated by the re-heating coil, and then blown out.

The humidity of the room is thus reduced by repeating the above steps.



#### The amount of dehumidifying becomes less in winter.

When the temperature and humidity are low, the amount of water collected is decreased.

In winter, because the temperature is lower than in summer, the effect of the dehumidifier is greatly reduced as shown in the graph below. Although only a little water collects in the tank, this is not a malfunction.





Summer (humidity)

#### Defrosting operation

When the room temperature drops to about 15°C, an automatic defrosting operation starts inside the unit. During the defrosting operation, the compressor stops airflow up to once every 50 minutes to defrost the unit.

#### Inverter

The inverter is a device that controls the rotational speed of the compressor motor. When an operation starts immediately or in other situations, strong dehumidification is performed at a high motor speed. When the humidity becomes stable, the motor speed is decreased to continue the operation economically.

## The unit can operate in a room temperature range of 5–35°C.

However, if the room temperature exceeds 35°C, the unit may operate in blower mode or increase the airflow. This is because the temperature within the unit rises causing the protection mechanism to operate. In order to lower the internal temperature of the unit, use the unit with the swing stopped and louvre vertical.

• If the temperature is below 5°C, only the blower is operational to prevent the extracted water freeze.

#### The humidity reading on the unit may differ from a hygrometer in the same room.

Even in the same room, temperature and humidity levels may differ from place to place. If the hygrometer and the unit are in different parts of the room, the humidity levels are prone to differ. Moreover, humidity levels differ between places that have good and no airflow.

Use the reading on the unit as an estimate.





- The values shown on the graph were measured at constant temperature and humidity and do not reflect values obtained in actual usage conditions. P28
- The amount of dehumidifying varies depending on the operation mode.

## Precautions

The following diagrams indicate circumstances where danger can result from mishandling the unit.



## 

Mishandling may result in fatal or serious injuries.

Mishandling may result in minor injuries or damage to your home or property, etc.

Meanings of the graphic symbols used in this manual and on the unit are explained below.





#### Do not damage or modify the power cord or plug. Do not use power sockets in which the plug fits loosely.

Do not modify, bundle, twist, bend or heat the power cord. Do not place under objects or use with the end close to the plug bent. (Keep pets from biting the cord.)





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The cord may be damaged **resulting in fire**, electric shock or heat generation.

Do not plug many power cords into one power socket.



This may result in fire or electric shock.

## Do not start/stop the unit by plugging/unplugging the power cord.

This may result in fire and/or electric shock.

Do not put the unit near heatgenerating devices (such as stoves, fan heaters, etc.).





The plastic parts may melt and **cause fire**.

Do not put your fingers or any long object, into the air intake/outlet. Do not touch the swing louvre.



The internal fan rotates at high speeds, and such actions may **result in injury**.

### Do not attempt to repair, disassemble, or modify the unit.





This may **result in fire and/or electric shock**. Refer servicing to your dealer or Mitsubishi Electric Service Centre.

## Exclusively use 220 V AC power sockets for the power supply.



Failing to do so may **result in a fire and/or electric shock**. \* Use an extension cord by itself.

Ose an extension cord by itsen.

Wipe dust off the power plug and insert the plug firmly.



If the plug is not fully inserted into the socket, dust may gather on the connectors which may **cause fire and/or electric shock**.

Should abnormal symptoms occur (a burning smell, etc.), switch off the unit and unplug it from the socket.



Continuing to operate the unit may **result in fire or electric shock**. Contact your dealer or Mitsubishi Electric Service Centre for consultation.

Remove water that has collected in the tank.



Accidentally drinking the water or using it for other purposes may **cause illness and/or unforeseen accidents**.

## 

#### Do not cover an air outlet or air intake with laundry, cloth, curtain, etc.

This results in poor ventilation and may **cause heat generation/fire**.

### Do not put vases or any other objects filled with water on the unit.

Water may leak into the unit adversely affecting electric insulation and **cause** electric shock and/or fire by short-circuiting.

 $\Diamond$ 

Do not use the unit in a bathroom or other location where it is likely to come into contact with water, or wash it with water.



Do not use the unit where it may be exposed to direct sunlight or other weather conditions.



(This unit is for indoor use only.)

This may cause overheating, electric shock and/or fire caused by an electric leak.

Do not use the unit in narrow, enclosed places such as inside closets, between pieces of furniture, etc.



This results in poor ventilation and may cause heat generation and/or fire.

Do not use combustion appliances in the path of the air outlet. This may cause incomplete combustion

in the appliance.

#### Do not use the unit in places that may be subject to oil or flammable gas leakage.

Such a leak around the unit may **cause** combustion and fire.



In addition, chemicals and solvents evaporated in the air may deteriorate the unit (crack the main body) and cause water in the tank to leak, **resulting in damage to property**.

#### Do not use the unit in places where chemicals are used (such as hospitals, factories, laboratories or beauty salons).



#### Do not use the unit for special

purposes, such as preservation of food, art or scientific works.



This may negatively affect the quality of the items stored.

#### Do not point airflow from the unit directly at the body for a prolonged period of time.



Be especially careful when using the unit where there is someone who is unable to adjust the humidity (infant, child, or elderly person).

If air-flow is directed at the body for long periods, it may **harm one's physical condition and lead to dehydration**.

### Do not stand on, sit on or lean against the unit.

As the unit is on wheels, it may move, tip over, or fall **causing personal injury**.

## Do not remove the Styrofoam from the floating element.

The floating element will not be able to detect a full tank resulting in water leakage,

which may damage surrounding objects or cause electric shock and/or an electric leak.

#### Do not drain water continuously if there is a possibility that temperature around the hose could drop to freezing point.



Water inside the hose may freeze and prevent the water in the tank from flowing out. The water may leak from the unit and **damage surrounding objects**.

## Install the unit in a location where the floor is flat and stable.

If the unit falls over, the water collected in the water tank may leak **damaging surrounding objects and in turn result in fire or electric shock caused by an electrical leak**.

#### Before moving the unit always switch it off, unplug it and remove water from the water tank.

Moving the unit with water in its tank may cause the water to leak and **damage the** surrounding objects and in turn result in electric shock and/or an electric leak.

## After emptying the tank, transport the unit by grasping the handle firmly.

Losing your footing while carrying the unit may cause personal injury or damage to the floor.







Unplug the unit from the power source when not using the unit for an extended period of time.

Otherwise it may cause fire and/ or electric shock caused by an electric leak.

When draining water continuously or left unattended for long periods, inspect the unit every two weeks.

Do not allow debris to clog the filter/hose as this may cause overheating/leakage.

When using the continuous drainage outlet, make sure to position the hose so that the water drains without obstruction.

The water in the tank may leak and damage surrounding objects.

Use the unit with caution in rooms where the walls, furniture and art work are vulnerable to dry air, as it may cause cracks and warping.



#### Keep the unit always in an upright position.

Inclining the unit may cause water in the tank to leak into the unit, resulting in malfunction. Should you incline the unit accidentally, contact the place of purchase for advice.

#### Do not carry or store the unit horizontally.

This may **result in** malfunctions. Such malfunctions are NOT covered under warranty.



## **Tips on Dehumidification**

Drain the water tank before use.

Close the door and windows during operation.

#### **Drying laundry**

- Remove water from the laundry.
- Pull to remove any wrinkles on the laundry.
- Use swinging louvre to blow air to the laundry.
- Keep enough space between the laundry to allow air to pass through.



#### In winter, drying becomes easier if you also use a heater to raise the room temperature to approximately 16°C or more.

- Drying times will vary depending on the type of the laundry and the room temperature. The low temperature may double the drying time of normal temperature. (Low temperature means approx. 10°C while normal temperature means above 20°C.)
- The strong airflow is blown from the top right point of the unit.

### Installing your dehumidifier

Make sure to leave some space around the unit to ensure good results.



### **Operating noise**

Place the unit on top of a mat. This reduces vibration and noise. It also prevents leaving depressions on carpets.



## **Names and Functions of Parts**



## Back



## **Control Panel**





## **LCD Display**

- All of the indicators on the LCD display are shown for explanation purposes.
- When any switch is pressed, the LCD backlight will turn on for approximately 10 seconds.



P3

## **Before Using Your Dehumidifier**



## Inserting the water tank correctly



Make sure the tank is not broken or cracked.

## Plugging the power cord into the power socket



Use a 220V AC power socket only.

#### • The current humidity is indicated.

If the louvre is open, it closes automatically.

#### Hold the handle and move it.



Casters can be used to move the unit. First make sure to remove water from the water tank and close the louvre before carrying the unit.

- If casters are unable to roll smoothly, do not use excessive force to move this unit so as to prevent overturning.
- Do not carry the unit by holding the louvre.
- Do not put the unit in horizontal position during carrying as this may cause malfunctions.
- Use casters to move the unit steadily in one direction. Note
  - Lift the unit up to go over the doorsill or stairs and do not use casters to move the unit over the shaggy carpet as this may damage the carpet.
  - Do not allow the power cord to be pulled into the wheels, as this may damage the cord.

## **Drying Laundry**

When in the operation of INTELLIGENT LAUNDRY, the unit stops automatically when the laundry is dry.



### **Tips on Drying Laundry**

Make full use of the laundry drying operation to shorten the laundry drying time.

#### How to Hang Clothes

- Pull to remove any wrinkles on the laundry.
- Properly space the laundry for better ventilation (approximately 5 cm between the laundry).
- Hang out the laundry which is difficult to dry to the place with good ventilation.

The drying time for the thicker parts of the laundry is probably longer.

<The following conditions will cause longer drying time>

- The laundry is of a large volume.
- The room temperature is lower. P3 When the temperature is low (approximately 10°C), the drying time is twice as long as that at normal temperature (approximately 20°C).
- The room is big.

#### How to Blow Air at Clothes

- Use swinging louvre to send air all over the laundry. P20 The drying time of the part where the air cannot reach is longer.
- The laundry is of a large volume. Shift the position of the laundry during drying so that each part can get the blowing air.

#### About the Room for Hanging Clothes

- In a small room, it is recommended that the door and window be closed before dehumidifying.
   It is effective not only to dehumidify, but also to dry the laundry as soon as possible.
- When the room temperature is low such as in winter Use a heater in combination with the dehumidifier in order to raise the room temperature to approximately 16°C or more, so that it is easy to dry the laundry.

#### Using the unit to dry clothes hung in a room is recommended on days such as the following.

#### Cloudy and rainy days



During the days of high humidity weather, the laundry will take a long time to dry.

#### Days with a lot of pollen and dust in the air



Drying the laundry indoor can prevent pollen particles and other dirt from attaching to the laundry.

#### Days you are unable to bring in the laundry during daylight hours



After sunset, as the outdoor air becomes cool, the dried laundry will absorb moisture.





## Dehumidifying

There are 5 operation modes to choose from: HIGH, LOW, EASY, ECO AUTO and MILDEW GUARD. (HIGH, LOW, EASY ... P15, MILDEW GUARD ... P16)

### ECO AUTO

It is recommended for setting the humidity level of dehumidification.



### HIGH · LOW · EASY



#### • HIGH

The blower operates continuously in HIGH airflow mode. The rotation speed of the compressor motor is increased.

It is recommended for strong dehumidification.

#### • LOW

The blower operates continuously in LOW airflow mode. The rotation speed of the compressor motor is decreased.

It is recommended when you want to dehumidify with lower blower sounds.

#### • EASY

To relieve the discomfort from dampness, the unit operates intermittently after the automatic switching of airflow rate. Blowing air is used to control the room temperature rise if the room temperature is high.

It is recommended when you want to maintain the comfortable level of humidity.

• If the set humidity level is reached, sometimes the blower/louvre will stop operating.



## Reducing Growth of Mildew in Bathroom (MILDEW GUARD)

In this mode, the unit can dehumidify the bathroom to remove residual moisture and water drops, thus suppressing the mildew growth as a means of mildew prevention.



 When it is used with the OFF TIMER mode, the unit may stop operating before completing the drying operation.

#### About MILDEW GUARD mode

The unit continues to operate for about another 4 hours after the humidity decreases to 50% and then stops automatically. The operation time varies depending on temperature and humidity and ranges from approximately 4 hours (approximately 6 hours if the room temperature is below 20°C) to approximately 12 hours.

#### How is mildew growth suppressed?

Mildew is unable to produce new spores if it is dried as mycelia. This principle is applied to the MILDEW GUARD function. (However, the spores have high resistance to dryness.)

 Operation MILDEW GUARD mode changes ECO AUTO with each press. EASY The selected **HIGH** LOW operation mode is (Blip highlighted. → Begin to operate • The unit will stop operating in 4–12 hours. The operation mode indicator goes out. In order to dry the bathroom floor, the unit will send air from the air outlet automatically. To dry the wall and ceiling etc., you may change the swing direction. P20 When choosing the swing settings, please adjust the orientation of the unit first. As this mode will have automatic air flow control, it is impossible to set the airflow and use it with other operation modes or humidity setting. <When you want to abort the operation> To stop the operation mode halfway POWER Blip OFF/ON Press (POWER ON). • To switch to other operation mode LAUNDRY (AUTO STOP) MODE CHILD LOCK (3 SEC) Press or Blip Blip Humidity 50% Operation time Varies depending on moerature and humidity. 4 hours Swing direction Wide / Rear Begin to operate Stop operating

"Research of Black Mold"

Center

Research paper by Dr. K. Abe of

Environmental Biology Research

To install the dehumidifier in the

(Blip)

P12

to select MILDEW

changing room

Press

Press

GUARD.

POWER

MODE CHILD LOCK (3 SEC)

OFF/ON

## **Cleaning the Air** AIR PURIFIER

To operate only the air purifier.



To return to the previous mode, press the AIR PURIFIER switch again.

#### AIR PURIFIER

The unit cleans the air by passing it through the pre-filter and silver ion filter. The dehumidifier function is disabled.

- The air passes through the silver ion filter in Information all modes, cleaning the air even if the AIR PURIFIER lamp is not lit.
  - Cigarette smoke and toxins found in smoke, such as carbon monoxide, cannot be removed with these filters.

## **Using Child Lock**

The switches can be locked.

To prevent children from operating this unit, use this function.



The child lock indicator is displayed.

(Example)



#### If you lock the unit when the POWER is OFF.

The unit will not turn on, even if you press the POWER switch to turn it on. The LCD backlight and child lock indicator will blink.

#### If you lock the unit when the POWER is ON.

The unit will not turn off, even if you press the POWER switch to turn it off. Only the child lock indicator will blink.

- When the child lock is set, only the CHILD Information LOCK switch can be used. When the child lock is activated, other switches are not operable. Deactivate the child lock to use the other switches. The child lock is cancelled when the power cord is unplugged. <Releasing the child lock> MODE CHILD LOCK (3 SEC) Press for 3 seconds or more.
- The child lock indicator goes out. (Example)



Operating

## **Using Timer**

## **OFF TIMER operation**



### Setting OFF TIMER

- Switch the power ON. P12
- 2 Select operation mode. P12-17
- Select the louvre swing direction. P20
- Set the operation OFF/ON time. Blip



- Press once to display "!" "OFF".
- Each press will change the display in the sequence of 1 to 9 hours.

(Holding the switch will cause the display to change continuously.)

$$(Blip) (Blip) (Blip)$$

 $\rightarrow$ The OFF TIMER is set.

Example of setting OFF TIMER to 2 hours with ECO AUTO mode (setting: 60%), louvre swing setting "Wide"



- The remaining time will decrease one hour after each hour elapses.
- When the set time is reached, the unit stops automatically and the louvre closes automatically.

DRYING INSIDE (auto) operation will start if it has been activated.

The OFF TIMER can be set between 1 to 9 hours. Set the timer when the power is switched on.

### Cancellation

#### <When you want to stop operation>

Press POWER switch → OFF



#### <When you want to disable the **OFF TIMER mode and continue** operation>

Press and hold the OFF/ON TIMER switch until the remaining time disappears from the display.



The OFF TIMER is cancelled.

- Empty the water tank before operating. During operation, if the tank becomes full, the FULL lamp lights and the unit stops. Information
  - The OFF TIMER and ON TIMER cannot be set at the same time.
  - If the OFF TIMER mode is used with the INTELLIGENT LAUNDRY or MILDEW GUARD, the unit may stop before the laundry or the bathroom is dry.
  - The OFF TIMER cannot be set during DRYING INSIDE operation.

### **ON TIMER** operation

The ON TIMER can be set between 1 to 9 hours. Set the timer when the POWER is off.



### Setting ON TIMER

- Switch the power OFF. P12
- 2 Set the time you wish the unit to turn ON.



- Press once, the operation mode indicator and "i" on the digital display flash, and "IN" is displayed.
- Each press will change the display in the sequence of 1 to 9 hours.

(Holding the switch will cause the display to change continuously)



#### Select operation mode. P12-17

Set the DRYING INSIDE (auto) operation as desired. P21

- Select the louvre swing direction. P20
- Confirm the time setting by pressing the POWER switch.



The timer display lights.
 → The ON TIMER is set.

If both the timer display and operation mode indicator blink, it means the POWER switch is not pressed. (An alarm "blip blip" sounds for 1 minute.) Example of setting ON TIMER to 5 hours with ECO AUTO mode (setting: 60%), louvre swing setting "Wide"



- The remaining time will decrease one hour after each hour elapses.
- When the set time is reached, the unit automatically starts.

### Cancellation

Press POWER switch → OFF



Information

 When the ON TIMER is set during the DRYING INSIDE operation, the operation is stopped.

• The ON TIMER function is not operable using a commercially-available timer plug.

## **Using Louvre**

The louvre can be made to swing. Select from the 4 possible settings to suit the purpose.



- Automatic louvre starts ٠
- The monitor displays louvre direction

Remove the plug from the power socket and connect again, automatic louvre stops.

**Displays louvre swing range** (The louvre and monitor do not move in synchronization.)



Objective	Recommended swing mode	Explanation of swing
To stop the louvre at the desired angle	• Louvre stopped	Louvre stops in a vertical position, and louvre display screen will disappear. To change louvre to a desired angle, adjust the louvre angle by hand.
To dehumidify closets	• Rear	The louvre swings to send air to the back of the unit.
To dry the laundry	• Upward	The louvre swing speed is automatically controlled so that there is even distribution of air supply to the laundry.
To cover the entire room	• Wide	The louvre swings from the upward position to the rear position to send air to all corners of the room.

• The level of noise emitted from the unit varies depending on the air-blowing direction.

- To locate the position, the air outlet may stop up to 8 seconds and then start operating again.
- Information • If the louvre is touched by hand or object, the louvre angle will change, so readjust the louvre by pressing the direction switch.
- If air is blown directly onto a wall, the wall may become dirty because of dust in the air.

## **Drying Inside Operation**

The inside of the unit can be dried to suppress mildew growth on the cooler. The DRYING INSIDE operation is recommended after each use of the unit (approx. one hour).

## Automatic Operation

To activate DRYING INSIDE operation after each use



 DRYING INSIDE operation standby (DRYING INSIDE lamp lights.)

#### **DRYING INSIDE operation starts when** dehumidifying ends.

 DRYING INSIDE operation starts. The DRYING INSIDE lamp flashes, the humidity indicator turns off, and the louvre stops in the vertical position.

#### **DRYING INSIDE Operation**

 DRYING INSIDE operation ends. The DRYING INSIDE lamp turns off and the louvre closes.

#### <To deactivate the automatic operation>

DRYING Blip

Information

when the POWER is ON. Press (The DRYING INSIDE lamp turns off.)

- Disconnecting the power plug will stop the automatic operation.
- This function does not remove existing mildew. Also, aborting the DRYING INSIDE operation may cause the benefits to diminish.
- During DRYING INSIDE operation, do not close the louvre. It will cause noise.
- The moisture expelled from inside the unit may cause the room humidity level to rise.
- The air emitting from the unit may appear white depending on the humidity or temperature of the room.
- The moisture expelled from inside the unit may have a smell due to odorants, which have not been caught by the filter and dissolve in water.
  - \* The silver ion filter is mainly for absorbing ammonia.
- During DRYING INSIDE operation, the OFF TIMER cannot be set.

#### Manual Operation The DRYING INSIDE operation can only start

when the POWER is OFF.



Blip

**DRYING INSIDE operation starts.** The DRYING INSIDE lamp flashes, the humidity indicator turns off, and the louvre stops in the vertical position.

is OFF

#### **DRYING INSIDE Operation**

**DRYING INSIDE operation ends.** The DRYING INSIDE lamp turns off and the louvre closes.

### To abort DRYING **INSIDE** operation

DRYING (Blip) □ INSIDE

while the unit is performing the Press DRYING INSIDE operation (the DRYING INSIDE lamp turns off).



Press **E** to abort the DRYING INSIDE operation and resume the regular operation.

## Draining

When the tank is full (approximately 5.2 L), the unit automatically stops and the FULL lamp lights. Please empty the tank.



level, and this could result in leakage.

## **Continuous Drainage**

If a drain is available, the unit can continuously drain water by attaching a commercially available hose (with an internal diameter of 15 mm) to the drain.

The unit can be operated for a long period of time without the need to empty the water tank.



- Make sure the hose is in good condition free of bends and cracks.
- If it is hard to insert the hose, put it in water and then insert it. Do not use oils or lubricants.
- Inspect the hose once every 2 weeks. (Insects or dirt deposits in the hose may cause leakage.)

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Operating

## **Maintenance**

Do not use detergents, cleaning agents for heat exchange equipment, decontaminative powders, chemically treated cloth, gasoline, volatile oil, thinners, etc.

They can damage the water tank or main body, which may result in leakage.

### When Cleaning the Unit

#### Water tank • Main body Wipe with a soft cloth.





Do not remove or dismantle.

- Because the dust in the air may cause the tank lid and water tank to become dirty. If the dirt cannot be removed, wash with water then wipe with a dry cloth.
- Mildew may form in the water tank when the dirt is not removed thoroughly.

### **Once Every Two Weeks**

### **Pre-filter**

Clogged pre-filter will reduce the effectiveness of dehumidifying and cleaning every two weeks is desirable.

How to remove and attach the filter P10

- Remove the pre-filter.
- **2** Remove the silver ion filter.
- **3** Clean the pre-filter.



When the pre-filter is very dirty, wash it with warm water or clean water and dry it well.

#### **4** Set the silver ion filter.

Make sure the silver ion filter is attached to the unit. If it is not, fine dust will enter into the unit and cause malfunctions.

**5** Set the pre-filter.

### **Once Every Three Months**

### **Silver ion filter**

Soak the silver ion filter in water.

How to remove and attach the filter P10

- Remove the pre-filter.
- **2** Remove the silver ion filter.
- **3** Soak the silver ion filter in water.



Soak in cool or warm water for about 30 minutes.

Do not use detergent or hot water. Also, do not use a brush or similar tool to scrub the filter or rub the filter while soaking. This may damage the filter.

- There may be yellow or dark stains remain on the filter, but they will not affect the performance.
- The filter can be soaked for a total of eight times. After that, replace it with a new one.

#### **4** Dry the silver ion filter well.



Dry the filter on a flat surface.

Do not hang the filter with pegs or the like. This may damage the filter. Do not use the filter when it is wet.

- **5** Set the silver ion filter.
- Set the pre-filter.



The silver ion filter is consumable. Please replace the filter as scheduled.

#### Replacing the silver ion filter

Although the filter life is 2 years, replace it in case of the following.

- The filter has been soaked for 8 times.
- The silver ion filter has turned brown or black due to cigarette smoke or dust.

Filter life differs depending on usage and environmental conditions.

## Remove the pre-filter from the unit, and replace the silver ion filter.

How to remove and attach the filter P10

Parts sold separately

Silver ion filter for replacement • Type: MJPR-18WXFT

Contact the Mitsubishi Electric Service Centre for purchase.

# Storage and Disposal

#### Storage

After switching the unit POWER off, leave for one day until any residual water inside is removed. Then carry out the following steps.

Perform the DRYING INSIDE operation. P21

DRYING INSIDE operation is recommended for prevention of mildew growth inside the unit.

2 Hang the power cord on the cord hook.



#### **3** Drain out the water. P22

Drain any water from the water tank and wipe off any remaining water.



#### **4** Clean the pre-filter. P24

Use a vacuum cleaner to suck up dirt.



#### **5** Store the unit.

- Dry the unit fully and wipe off any dust with cloth.
- Store the unit in a place not exposed to direct sunlight and keep it in upright position.

#### Disposal

Dispose according to the garbage regulations in your district.

- Silver ion filter Material: PET and PS
- Unit Do not disassemble. Dispose according to the garbage regulations in your district.

#### • For the symptoms listed below, refer to the remedies listed right.

Symptom			Cause/Remedy			
The unit blo	ws warm air.		• The unit blows out warm air because dehumidified air passes through the re-heater. (There is no cooler function.) This is not a malfunction.	P3		
	collect in the water chumidifying results).		<ul> <li>Check to see if the temperature/humidity is low. At first, confirm the current humidity. Low humidity reduces dehumidifying effectiveness. (In winter, the dry air makes the humidity low, and the amount of water collected is decreased.) This is not a malfunction.</li> </ul>	P3		
	•		<ul> <li>Check to see whether the power cord is off.</li> <li>→ Plug the power cord fully into the power socket.</li> <li>Check to see if anything is blocking the air intake or outlet.</li> <li>→ Remove the obstruction.</li> <li>Check to see if the operation is performed in EASY or ECO AUTO mode.</li> <li>→ The unit automatically switches from dehumidification to air blowing and stops.</li> <li>Check to see if operation is being performed in the MILDEW GUARD mode.</li> <li>→ This operation ends automatically when the humidity drops</li> </ul>	P14-15		
	<b>,</b>		<ul> <li>Check to see if the pre-filter is clogged.</li> <li>→ Clean according to the "Maintenance" procedures.</li> </ul>	P16		
	Stops after a short time.		<ul> <li>Check to see if operation is being performed in the INTELLIGENT LAUNDRY mode.</li> <li>→ If the room temperature drops to approximately 3°C or below, the operation will stop in approximately one hour. The reason for this is that if the room temperature is too low, it becomes difficult to remove moisture from the laundry and humidity does not change.</li> </ul>			
	□ FULL lights.		<ul> <li>Check to see whether water tank is full.</li> <li>→ Empty the water tank and return the water tank to its original position.</li> <li>Check to see if the water tank is inserted properly.</li> <li>→ Adjust the position of the water tank.</li> </ul>	P22 P10		
	tinues to operate it is turned OFF.		<ul> <li>Check to see if the unit is in DRYING INSIDE operation. The unit starts DRYING INSIDE operation automatically after ending normal operations.</li> </ul>	P21		
	y level does not set level easily.		<ul> <li>Check to see if the room is too large.</li> <li>→ Use the unit for the specified area range.</li> <li>Check to see if the windows and doors are opened too often.</li> <li>→ Try to keep the room closed during operation.</li> <li>Check to see if steam producing appliances such as kerosene heaters are on in the vicinity.</li> </ul>	P28		
the unit diffe	eter reading on ers from other s in the room.		• Hygrometer readings differ from place to place even if in the same room. Use the unit humidity reading as an estimate.	P3		
The louvre d as set.	loes not work	>	<ul> <li>Press the SWING LOUVRE switch again.</li> </ul>	P20		
The water tar liquid or whit	nk contains te water residue.		• The residue is from final product testing at the factory and is not a malfunction.			
	k residue on the water tank and		<ul> <li>The residue is from the dirt in the air.</li> <li>→ Clean according to the "Maintenance" procedures.</li> </ul>	P24		

Symptom		Cause/Remedy			
	The operating noise is loud/ reverberates.	<ul> <li>Check to see if the unit is on a slope or uneven surface which causes the unit to tilt or wobble.</li> <li>→ Move to a safe and even surface.</li> <li>Check to see if the pre-filter is clogged.</li> <li>→ Clean according to the methods specified in the "Maintenance" section.</li> <li>Operating the unit on a wood board or in a small room is likely to cause acoustic resonance.</li> <li>→ Placing a soft mat underneath the unit can reduce the acoustic resonance.</li> </ul>	P5 P24 P6		
The unit	The operating sound suddenly increases in volume.	<ul> <li>Sound increases when the compressor starts operation. (Approximately three minutes after turning on the unit, or during EASY and ECO AUTO operation.)</li> </ul>			
makes noises.	The air blowing sound changes in volume.	<ul> <li>The volume of the sound differs depending on the louvre angle.</li> </ul>	P20		
	The unit produces a simmering sound.	<ul> <li>This is the sound of the refrigerant flow. The sound can be heard when the unit is turned on, during operation, or when operation stops. No sound can be heard when the refrigerant flow stabilizes.</li> </ul>			
	The unit produces a buzz that sounds intermittently (or the compressor does not activate).	• This is the sound of the compressor when it starts up. In EASY and ECO AUTO modes, the compressor operates intermittently, so there is compressor startup sound. The compressor does not start when the operation ends or until 3 minutes has passed after the unit is turned on. This is to protect the compressor from damage.	P12		
The unit	When first used	• The temperature of heat exchanger goes up rapidly, causing transier	nt odor.		
produces an odor.	During DRYING INSIDE operation	• The discharged moisture may emit an odor. It is common that the silver ion filter cannot eliminate all the odors and the odors can be absorbed by moisture inside the unit.			
The powe generates	r plug or power socket abnormal heat.	<ul> <li>Stop operation and contact the Mitsubishi Electric Service Centre.</li> </ul>			
Error m	essage (Humidity indic	cator)			
Dig	jital Display	Cause/Remedy			

Я I, ЯБ, ЯВ, С I—СЧ, СЯ—СЕ, ЕО—ЕВ, ЕЯ—ЕС, FO—FЧ, FC,	<ul> <li>Malfunction</li> <li>→ Take note of error message, unplug the power cord, and c</li> </ul>	ontaat
, -,	<ul> <li>Check to see if the pre-filter is clogged.</li> <li>→ Clean according to the "Maintenance" procedures.</li> </ul>	P24
P4, Fb, or FE appears.	<ul> <li>Check to see if anything is blocking the air outlet.</li> <li>→ Remove the obstruction and plug the power cord into the power socket again.</li> </ul>	P5·10
R2 or b I–b3 appears.	<ul> <li>Check to see if the power cord is plugged properly.</li> <li>→ Correctly plug the power cord into the power socket.</li> </ul>	P10

persons in order to avoid a hazard. When unplugging and plugging back the power code into the power socket, wait at least one minute before plugging it in. 

Model		MJ-EV200FJ-H		
Power supply		Single phase 220 V 50 Hz		
Condition	Temperature	26.7°C	30°C	
	<b>Relative humidity</b>	60%	80%	
Dehumidifying c	apacity <sup>*1</sup>	20.0 L/day	33.0 L/day	
Power consumption		395 W	520 W	
Recommended	HIGH <sup>*3</sup>	83 m <sup>2</sup>		
room size*2	EASY	56 m <sup>2</sup>		
Water tank capad	city	Stops automatically at approx. 5.2 L		
Weight		16.5 kg		
Dimensions (H ×	W × D)	594 mm × 372 mm × 299 mm		

\*1 The dehumidifying capacity is the averaged amount of moisture removed per day (24 hours).
 \*2 House condition: Concrete house

\*3 Dehumidifying area: According to standards of JEMA



General Agent in Hong Kong

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#### Please complete the following form for your future reference.

Place of Purchase:		Telephone Number:	
Authorised Service Centre:		Telephone number:	
Date of Purchase:	Day	Month	Year

### MITSUBISHI ELECTRIC CORPORATION