

DEHUMIDIFIER

MODEL

MJ-E85EF-H

INSTRUCTION MANUAL

English



- In order to ensure correct usage, please read this instruction manual carefully and retain it for future reference.
- Before accepting the Warranty at the time of purchase, please make sure that the date of purchase, place of purchase and other items are correctly filled in the form.
- Keep the Instruction Manual and Warranty in a safe place.

Table of Contents

page

Before using the unit

- Features 2
- Recommended Ways of Using the Unit ... 3
- Precautions..... 4
- Warnings..... 6
- What You Need To Know 7
- Names and Functions of Parts 8
- Before using your dehumidifier..... 10

Operating

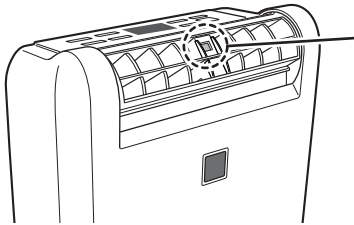
- When you want to dry laundry 11
 - LAUNDRY
- Tips on Drying Laundry 12
- Reducing Growth of Mildew in Bathroom ... 14
 - MILDEW GUARD
- When you want to dehumidify 15
 - AUTO
 - HIGH ● LOW
- Using Louvre (DEHUMIDIFY mode only)..... 17
- Using Timer 18
- Using Child Lock..... 19
- Turning MOVE EYE OFF
(only when in MOVE EYE mode) 19
- Drying Inside Operation..... 20
- Draining..... 21
- Continuous Drainage..... 22

Troubleshooting

- Maintenance 23
- Troubleshooting 25
- Replacement Parts..... 27
- Storage and Disposal..... 27
- Specifications 28

Features

For drying laundry **MOVE EYE**



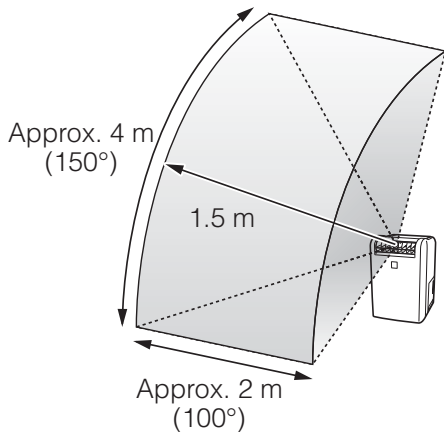
About MOVE EYE

Detects the temperature of wet clothes, walls and windows, and adjusts the wind direction and air volume to efficiently perform dehumidification.

MOVE EYE employs thermopile sensors that measure infrared rays emitted from distant objects to measure surface temperatures.

■ MOVE EYE detection range

MOVE EYE measures temperature in a range of 150° up/down x 100° left/right.



The louvre swings in a wide range in the following cases:

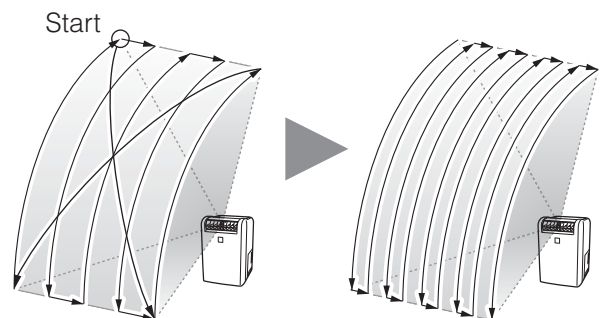
- Room temperature is low, such as during winter, or when the window or wall temperature is low **P12**
- Clothes, windows and walls are distant from the unit (1.5 m or more away) **P12**
- MOVE EYE is dirty **P23**

■ MOVE EYE detection operation

When LAUNDRY is selected, MOVE EYE performs initial detection operation for three minutes, followed by regular detection operation. (Initial detection operation is not performed in MILDEW GUARD operating mode.)

Initial detection operation

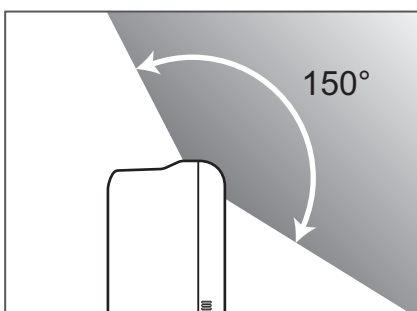
Regular detection operation



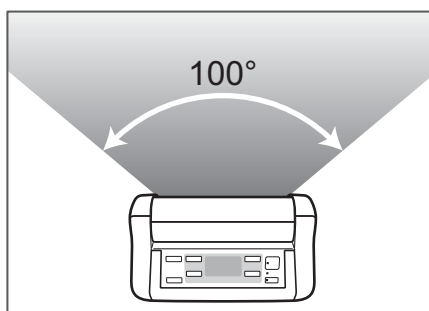
3-D Wide Range Louvre

The louvre automatically changes wind direction in a wide range, 150° up/down x 100° left/right, and directs air by targeting wet clothes.

[Up/down]

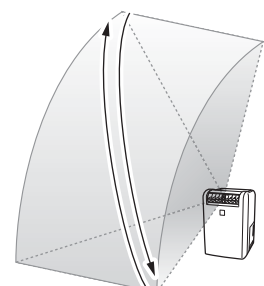


[Left/right]



Louvre positioning

The louvre adjusts its position every 30 minutes. The louvre moves up and to the left to correct the position and then returns to its original position.



When you want to dry laundry

Tips on drying laundry p.12-13

- When you want to perform automatic operation

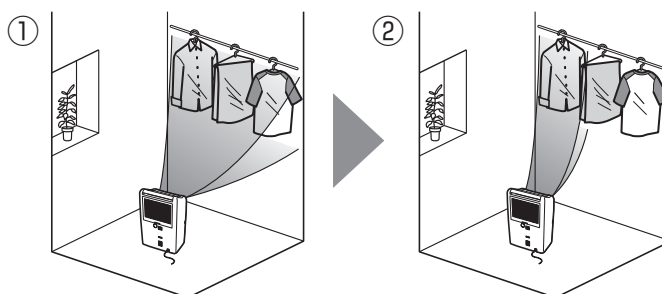
LAUNDRY



P.11

While monitoring room humidity, MOVE EYE identifies uneven clothing dryness to dry clothes efficiently.

- Determines the location of wet clothes and dries all clothes accordingly.
- Focuses on wet clothes and sends air in that direction.



- When you want to perform continuous operation

HIGH

P.16

- Reducing blowing sound and performing continuous operation

LOW

P.16

When you want to dehumidify

- When you want to perform automatic operation

AUTO

P.15



- When you want to perform continuous operation

HIGH

P.16

- Reducing blowing sound and performing continuous operation

LOW

P.16

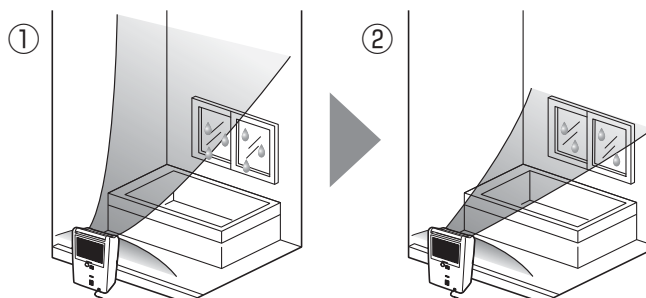
When you are worried about mildew in the bathroom

MILDEW GUARD



P.14

- Dehumidifies the entire bathroom; MOVE EYE is activated when the humidity drops to 50%.
- When MOVE EYE detects a window, air is directed toward the window surface and floor; when no window is detected, air is directed toward the floor.



E

Before using the unit

Precautions

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



WARNING

Mishandling may result in fatal or serious injuries.



CAUTION

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.



Forbidden



Do not disassemble



Always follow the instructions



Keep away from fire



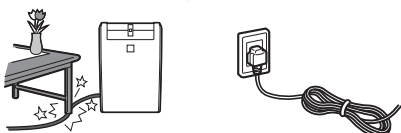
Do not subject to water



WARNING

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.)



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, electric shock or malfunctions.**

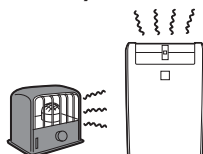


Do not start/stop the unit by plugging/unplugging the power cord.

This may **result in fire and/or electric shock.**



Do not put the unit near heat-generating 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 or malfunctions.**

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 220V 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.



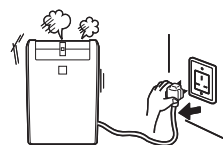
Wipe dust off the power plug and insert the plug firmly.

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.

- The unit, the power cord or plug is abnormally hot.
- Odd sounds or vibration during operation
- Burning smell
- Breaker trips frequently
- Other abnormality or error



Continuing to use the unit may cause **fire or electric shock, or may damage the unit.**

Unplug the power cord and contact your dealer or Mitsubishi Electric Service Centre.

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.**





CAUTION

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.



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.



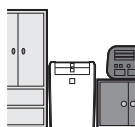
Exposure to water may **result in fire or electric shock** caused by an electric leak.

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**.



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

Chemicals and solvents evaporated in the air may harm the unit and cause water in the tank to leak, **resulting in damage to property**.



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**.

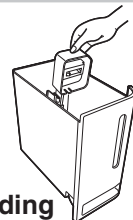
Do not stand on, sit on or lean against the unit. Do not pull the unit by the downward air outlet.

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**.

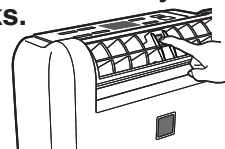


Do not drain water continuously if there is a possibility that temperature around the hose could drop to freezing point. P22

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**.



Do not expose the glass window of MOVE EYE to unnecessary impacts or shocks.



Cracked or broken glass could cause injury.

Unplug the power cord and contact your dealer or Mitsubishi Electric Service Centre.

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**.





CAUTION

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.**



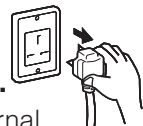
Grasp the plug and remove from the power socket.

When removing the plug from the power socket, do not pull on it diagonally or by the cord as this may cause the projections/wiring to be damaged **resulting in a short circuit, electric shock or fire.**



Switch the unit off and unplug from the power source when cleaning it.

When the unit is on, the internal fan rotates at high speeds and may **cause injury.**



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 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.**



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.**



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.



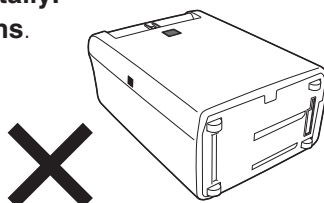
Warnings

- **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 your dealer for advice.

- **Do not carry the unit horizontally.**

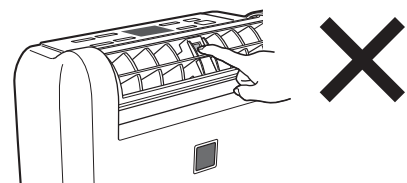
This may **result in malfunctions.** Such malfunctions are NOT covered under warranty.



- **Do not touch Move Eye**

If MOVE EYE becomes dirty, correct detection cannot be performed.

When MOVE EYE is dirty, refer to the Maintenance section for details of how to clean it. **P23**



What You Need To Know

● Room temperature may rise 2-4°C during operation.

The dehumidifier does not have a cooler function. Due to heat produced during operation, the room temperature may rise 2-4°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.)

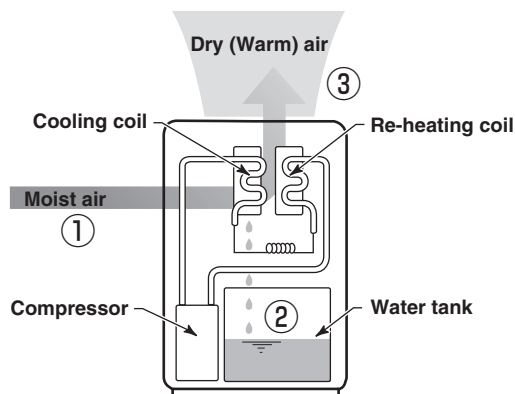
How does the dehumidifier work?

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.

- ① 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 steps ①, ②, and ③.



● The unit can operate in a room temperature range of 7-35°C.

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.

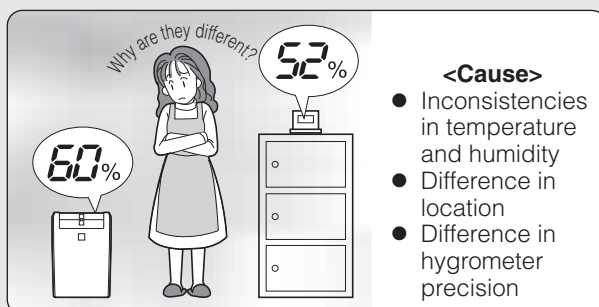
- If the temperature becomes lower than 7°C, blowing operation starts to prevent freezing of dehumidified water.

● 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.

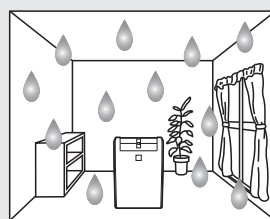


● The amount of dehumidifying becomes less in winter.

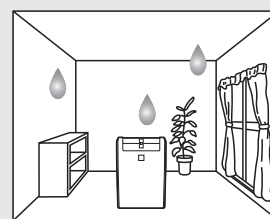
When the temperature and humidity are low, the amount of water collected is decreased.

In winter, because the temperature is lower than in summer, the effect of the dehumidifier is greatly reduced as shown in the graph below.

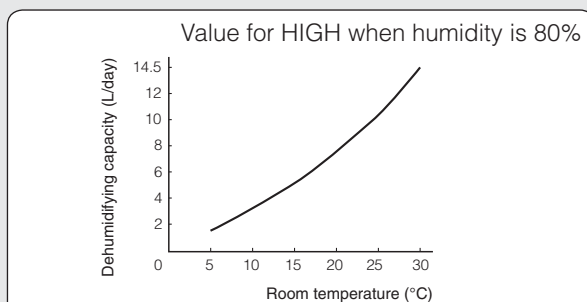
Although only a little water collects in the tank, this is not a malfunction.



Summer (humidity)



Winter (dampness)



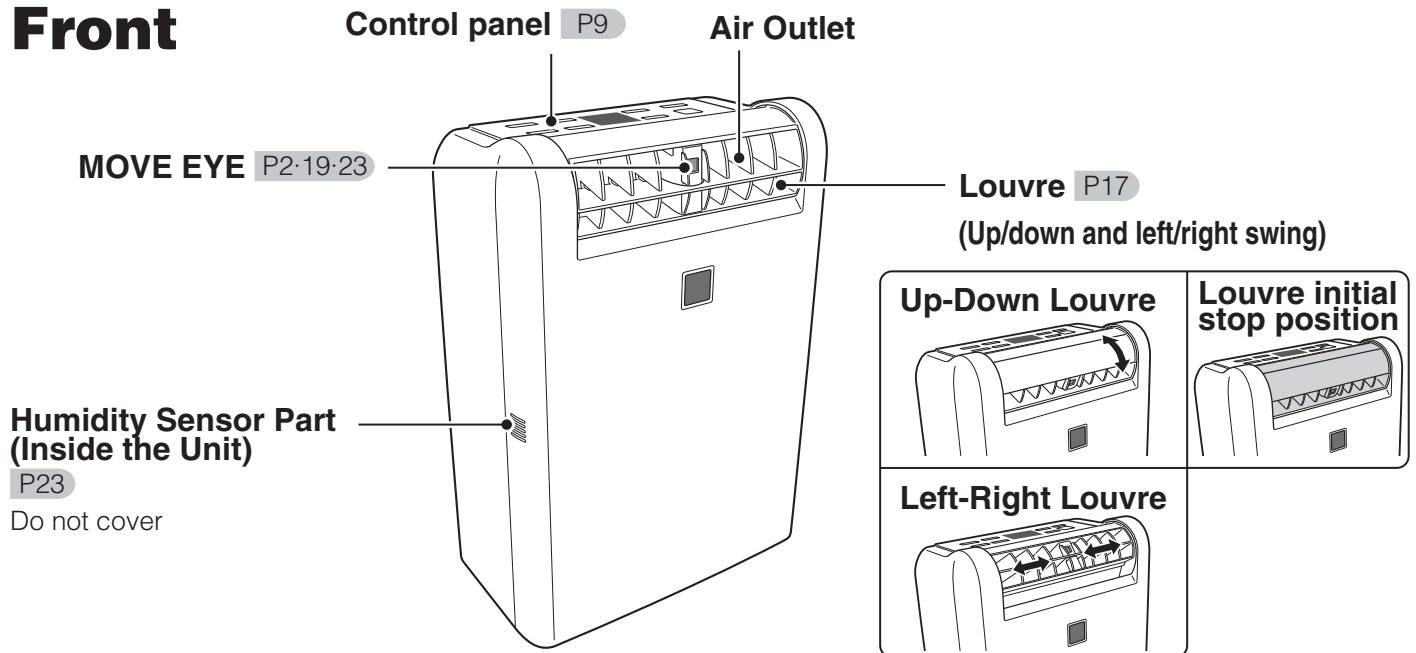
- The values shown on the graph were measured at constant temperature and humidity and do not reflect values obtained in actual usage conditions.

E

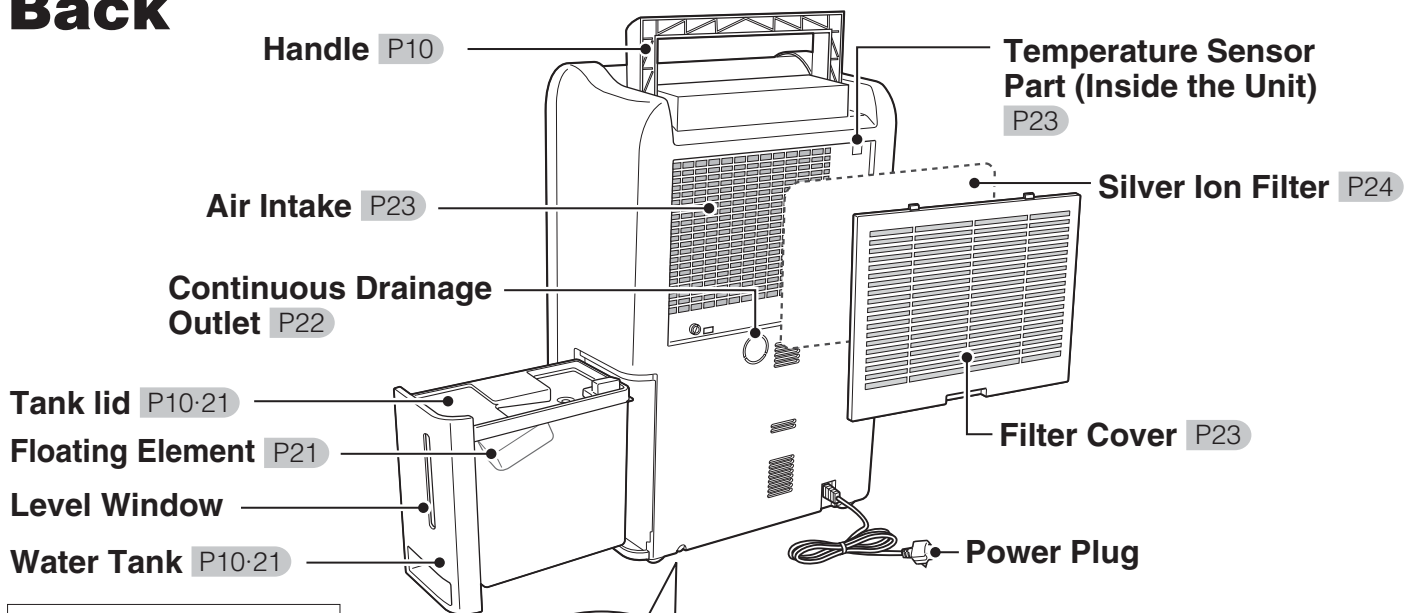
Before using the unit

Names and Functions of Parts

Front



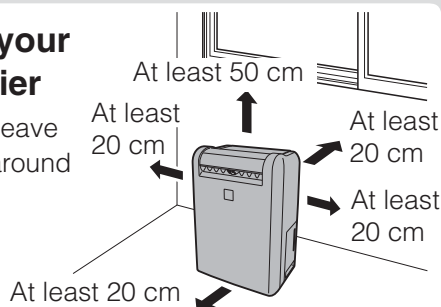
Back



The water tank may contain water residue at time of purchase. This is from final product testing at the factory and is not due to a defect.

Installing your dehumidifier

Make sure to leave some space around the unit.



<Operating noise>

Use the unit on a mat or the like. This reduces vibration and noise. This also prevents leaving depressions on carpets, etc.

Accessory

- **Silver ion sterilizing and deodorizing filter**
(Hereafter referred to as simply "silver ion filter.")



The silver ion filter is supplied with the unit at the time of purchase. Set before using the unit. P10

What is silver ion filter?

The silver ion filter has a tow-layer construction consisting of a white particle filter and a blue air-freshener filter.

<Particle filter>

The fine particle filter removes pollen* and dust particles.

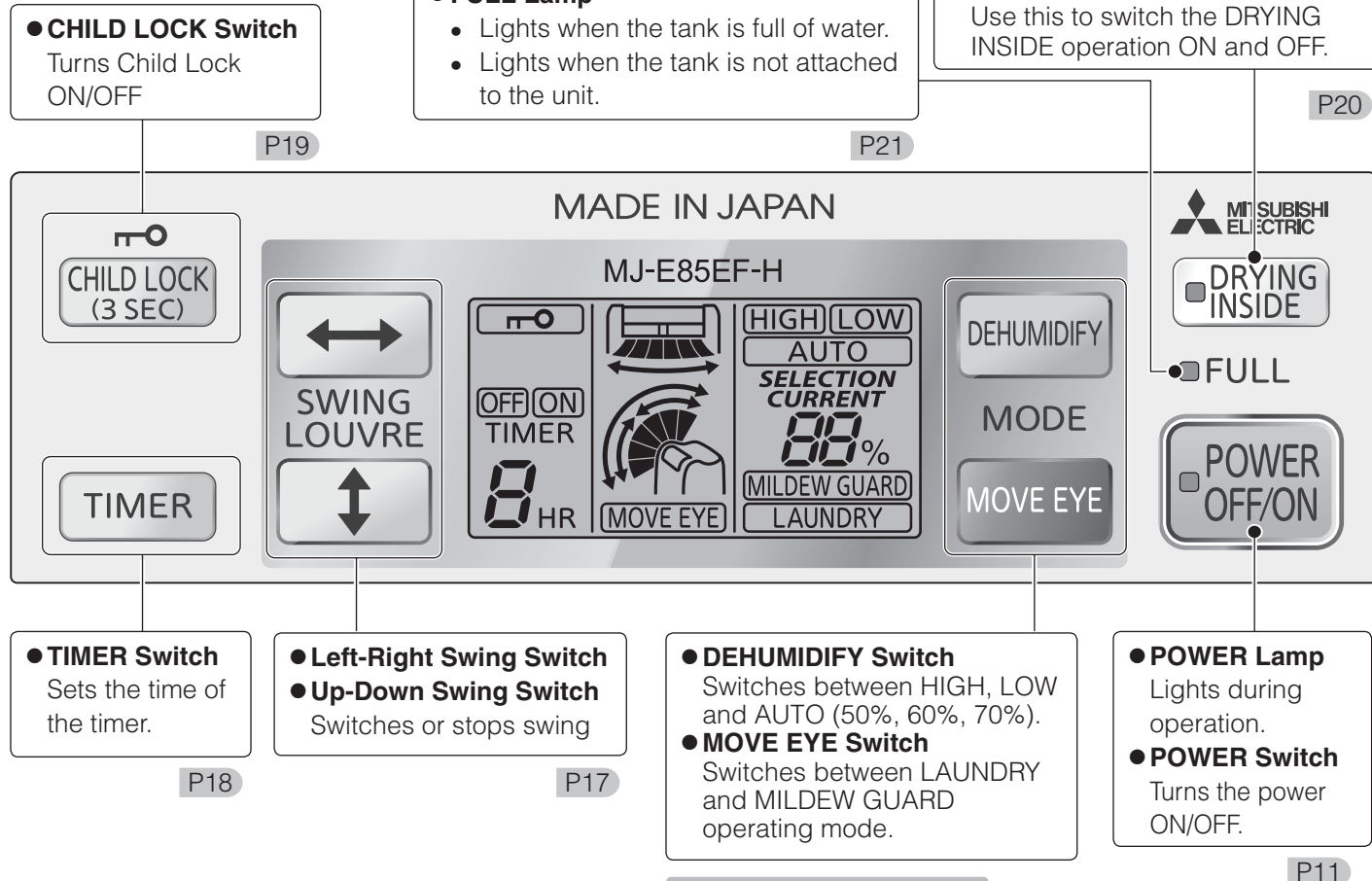
* Diameter of pollen: approx. 10-100µm

<Silver ion filter>

A special deodorant and anti-bacterial agent (anti-allergen, anti-virus and sterilization) are contained in the fibres of the silver ion filter.

Cigarette smoke and toxins found in smoke, such as carbon monoxide, cannot be removed with this filter.

Control Panel

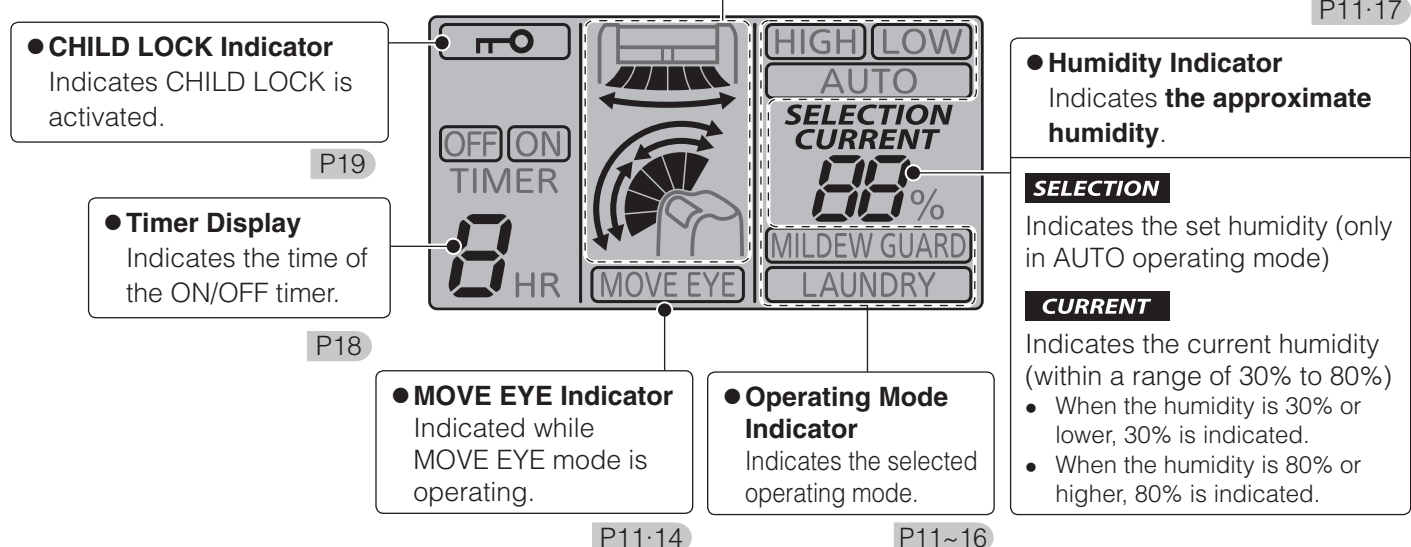


•HIGH	•LOW	P16
•AUTO		P15
•MILDEW GUARD		P14
•LAUNDRY		P11

It is not possible to use a combination of two operating modes. Pressing the SWING LOUVRE switch while MOVE EYE mode is operating causes a beeping sound to be emitted and you cannot set the louvre direction.

LCD Display

All of the indicators on the LCD display are shown for explanation purposes.



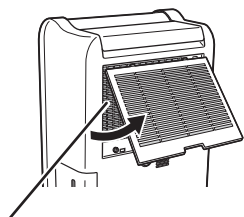
Before using your dehumidifier

Set the silver ion filter

The silver ion filter is supplied with the unit at time of purchase. Please fit before using the unit.

1 Remove the silver ion filter from the polyethylene bag.

2 Remove the filter cover.

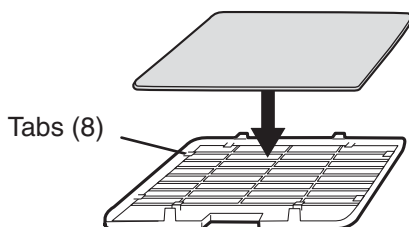


Pull toward you to remove

Performance is unaffected even if the metal fin inside unit are slightly bent.

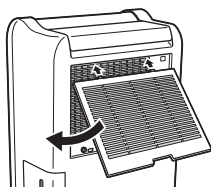
3 Set the silver ion filter into the filter cover.

Set the silver ion filter inside the tabs on the filter cover.



Tabs (8)

4 Set the filter cover.



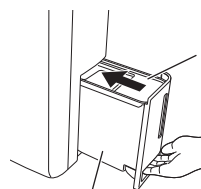
Insert the tabs on the top of the filter cover into the unit and push in until they click in place.

Note

- Make sure the silver ion filter is attached to the unit. If it is not, fine dust will enter inside the unit and cause a malfunction.

Inserting the water tank correctly

Check the tank and insert it all the way in while holding the unit.



Tank lid

Hold at the bottom and firmly push in to insert.

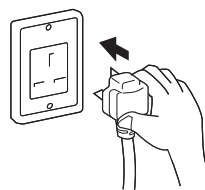
Tank

Make sure the tank is not broken or cracked

Information

- Firmly push the tank lid into place; failure to do so could cause water to leak.
- If the tank lid is not firmly fitted in, it may be difficult to remove the tank.
- If the tank is not inserted correctly, the FULL lamp comes on and the unit will not operate.

Plug the power cord into the power socket



Use a 220V AC power socket only.

If the louvre is open, it automatically returns to its initial stop position. **P8**

Carrying the Unit

The unit can be transported using the wheels on the bottom.

Check that the water tank is empty and the louvre is shut before transporting.

Raise handle to transport

- The wheels move in the direction indicated by the arrow.
- Using excessive force to move the unit may cause the unit to fall over.

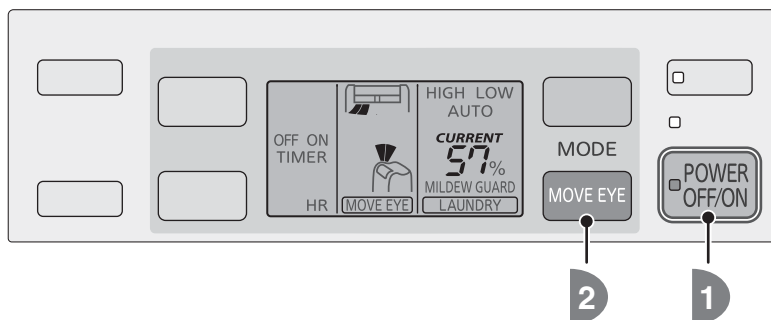


Note

- **Do not attempt to carry the unit horizontally.** Tilting the unit will result in the water spilling and cause a malfunction.
- **Do not hold the louvre (air outlet) when moving the unit.**
- Use the wheels on hard flat surface.
- Lift over doorsteps and steps. Refrain from using the wheels on thick-pile carpet, as this may damage the carpet.
- Do not let the power cord get tangled in the wheels. Additionally, do not let the power cord drag, as this may damage the cord.

When you want to dry laundry

When LAUNDRY is selected, MOVE EYE identifies uneven clothing dryness and dries clothes efficiently while it is monitoring humidity.



1 Press

- The POWER lamp lights.
- The operating mode is displayed.
- The louvre opens and airflow starts.

- Information**
- Dehumidifying begins approximately 3 minutes after you press the POWER switch. When dehumidifying begins, the operational noise increases.
 - The unit remembers the operating mode. Even if the power plug is disconnected or the power turned off, the unit restarts at the previous setting.

2 Press to select LAUNDRY

- Changes with every press.
- A border is displayed around the selected operating mode.
- MOVE EYE indicator lights



<To stop operation>

Press

- The POWER lamp goes out.
- The operating mode indicator disappears.
- The louvre closes

- Information**
- If the DRYING INSIDE operation (auto) is set, it starts after operation stops. **P20**

• LAUNDRY

After dehumidifying is performed until the humidity reaches 50%, MOVE EYE determines that clothes are dry and then operation stops automatically.

When this mode is selected, the unit operates for about two and half hours, up to a maximum of 12 hours. If the tank becomes full (FULL lamp comes on), dehumidifying operation stops and only air is blown.

Rough Guide on Usage

Amount of wet clothes	Size of room
Up to approx. 6 kg	Up to approx. 17 m ²

To ensure efficient drying, keep usage within the ranges specified in Rough Guide on Usage.

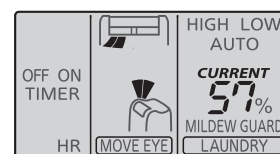
Information

- **Drain the tank before use.**
The unit may stop because of a full tank before clothes are completely dry.
- **If this is used in conjunction with OFF Timer operation, operation may stop before clothes are completely dry.** **P18**
- **If humidity does not drop to 50%, operation stops approximately 12 hours later.**

Swing Monitor

During LAUNDRY operating mode, the swing monitor indication changes according to the location of wet clothes.

<Example display>
When wet clothes are detected in the upper right corner



Use HIGH mode for the following cases:

<When room temperature is low>

- **MOVE EYE may incorrectly defect windows and walls as well as wet clothes.**
- **In certain cases it may be difficult to evaporate moisture, therefore laundry does not dry. In such a case the operation will stop automatically in approximately two and half hours.**

E

Before using the unit

Operating

Tips on Drying Laundry

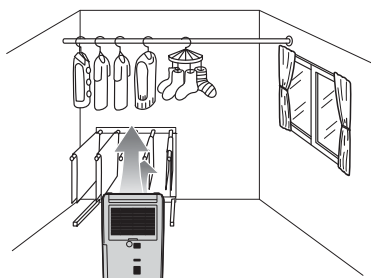
Proper use of the unit improves drying effectiveness.

About the Room for Hanging Clothes

Factors that improve drying effectiveness include increasing room temperature, lowering room humidity and directing wind toward wet clothes.

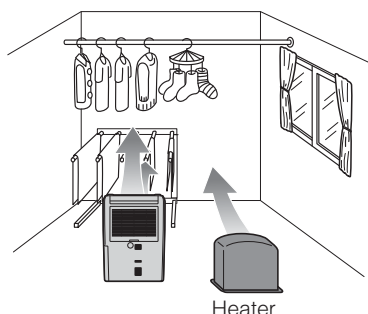
Tip 1

- It is more effective to dehumidify wet clothes in a small enclosed room.
- Place the unit in such a way that wind blows directly on wet clothes.



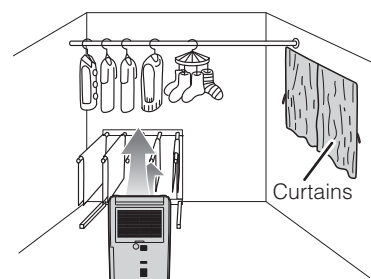
Tip 2

When the room temperature is low, such as during winter, drying becomes easier if you also use a heater to raise the room temperature to approximately 16°C or more. In such a case, do not direct the heater toward the unit, possibly causing false detection by MOVE EYE.



Tip 3

If the window is cold, MOVE EYE may incorrectly detect windows as wet clothes. One way to prevent this is to use curtains on windows.

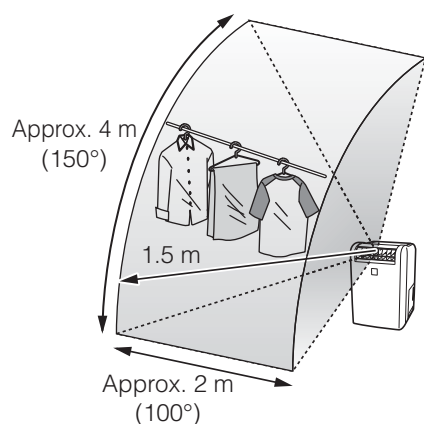


How to Hang Clothes

Small changes can improve drying efficiency. The following clothes hanging tips may be helpful.

Tip 1

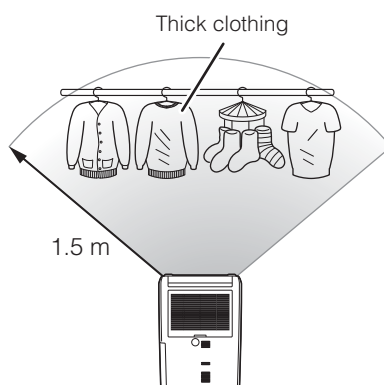
Hang wet clothes within the range of MOVE EYE detection



Hang wet clothes within 1.5m of the unit. It is possible to dry clothes more than 1.5m away but MOVE EYE cannot detect them correctly.

Tip 2

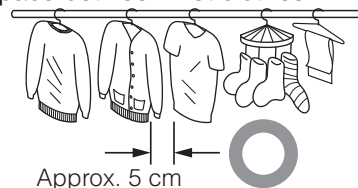
Bring thick clothing to the front



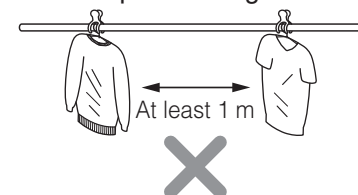
Thick clothing takes more time to dry. Hang Thick clothing in a position where wind can easily reach them. Also, fully smooth out wet clothes to remove any wrinkles.

Tip 3

Leave an appropriate amount of space between wet clothes.



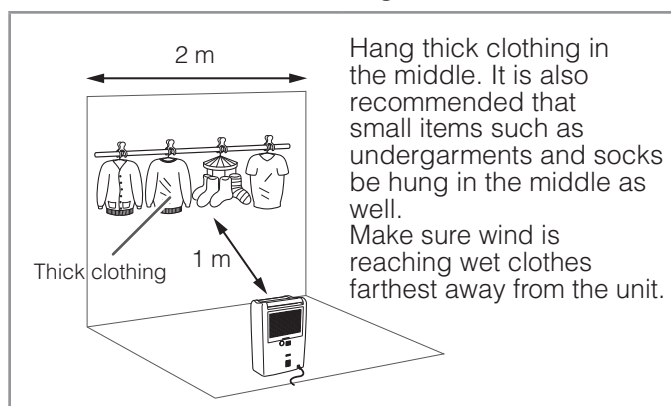
When hanging wet clothes, leave at least approximately 5cm of space between each article of clothing to allow air to pass through.



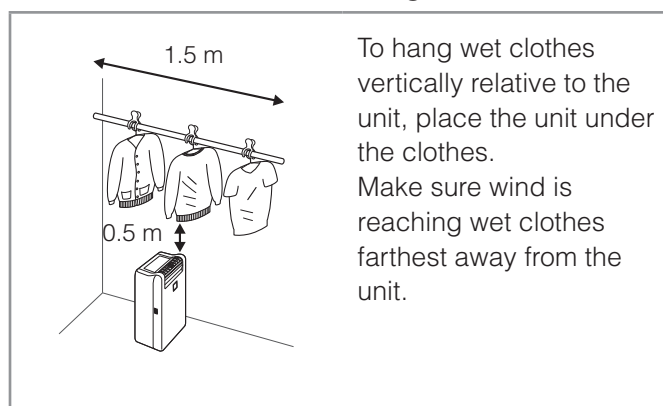
Do not leave too much space between articles of clothing. Wind from the unit blows in a wide range, which can decrease efficiency. If wind from the unit causes articles of clothing to move, secure so that clothing does not move.

Hanging Your Clothes

When wet clothes are hung in front of the unit



When wet clothes are hung above the unit



<Drying may take a long time in the following cases>

- When there is a lot of wet clothing
- When articles of clothing are hung close together
- When the room temperature is low.....The drying time required at low temperatures (approximately 10°C) is about twice that at normal temperature (approximately 20°C).
- When the room is large.The recommended room size is up to approximately 17 m². If the room is larger than that, wet clothes may not dry by the time operation ends (approximately 12 hours).

Notes When Starting Operation and During Operation

Start operation after hanging all wet clothes.

If you start operation while still hanging clothes, wet clothes may not be detected correctly.

To hang additional wet clothes, turn the power off, hang as needed and then start operation again.

When MOVE EYE is performing initial detection operation, do not stand in front of the unit.

The unit performs initial detection for approximately three minutes after starting operation. If you block MOVE EYE during this period, detection is interrupted. Also, if you move the unit during operation, return it to its original location. If you are not sure about the original location, start operation over from the beginning.

Do not move MOVE EYE or the louver.

If you move MOVE EYE or the louver, wet clothes cannot be detected correctly.

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

Cloudy and rainy days



Drying clothes hung outside takes a while on days with high humidity because it is difficult for water to evaporate.

Days with a lot of pollen and dust in the air



Hanging clothes inside enables you to prevent pollen and dirt getting on them.

Days you are unable to bring in the washing during daylight hours



Dry clothes absorb dampness when the air cools outside after the sun sets, meaning your efforts will have gone to waste.

Reducing Growth of Mildew in Bathroom

This operation reduces the growth of mildew by using MOVE EYE to detect humidity or droplets that remain inside a bathroom after, for example, you take a bath. This operation can also be used as a measure for tackling mildew in rooms.

Preparation

Install the dehumidifier in the dressing room

1

Press



P11

2

Press **MOVE EYE** to select **MILDEW GUARD**

- Changes with every press.
- A border is displayed around the selected operating mode.
- MOVE EYE indicator lights



- **Start operation**
- **Operation stops after approximately 4 to 12 hours.**
The POWER lamp goes out and the operating mode indication disappears.

- The louvre swings in a wide range until the humidity drops to 50%. When the humidity drops under 50%, MOVE EYE operates to change swinging automatically.
- The airflow rate cannot be set because it is changed automatically. It is also not possible to use this in conjunction with another operating mode or to set the humidity.

<When you want to abort the operation>

■ When you want to end the operation partway through:

Press the POWER switch (OFF).

■ When you want to switch to another operation:

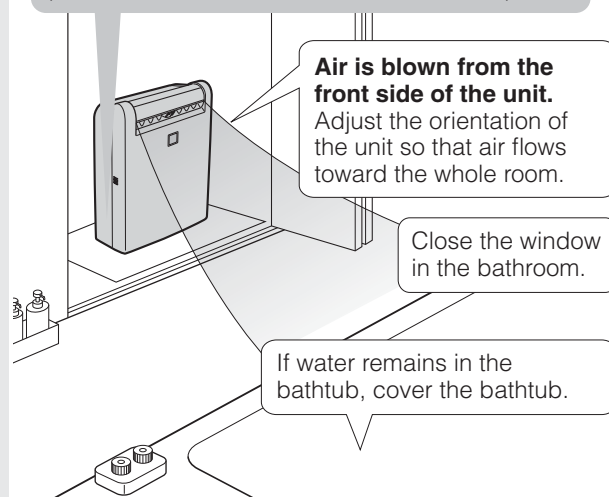
Press the DEHUMIDIFY or MOVE EYE switch.

Information

- For effective use, keep the windows and doors of the room closed and do not ventilate the room during operation.
- Operation may not be sufficiently effective if the bathroom is spacious or because of the building materials used for the floor and walls of the bathroom.
- Drops of water may remain in places where water collects easily.
- Mildew may grow depending on the room conditions and the type of mildew.
Example: Where air circulation is poor such as beneath a container or the like in the bathroom or at the back of a cupboard or behind furniture in the room.
- This operation cannot dry locations where the airflow cannot reach such as inside a bathtub and beneath a container.
- This operation cannot remove existing mildew and water scale, or slime in the drain outlet.
- If this operation is used in conjunction with the off timer, operation may stop before drying is complete.

Installing the Dehumidifier

Install the unit in the dressing room (entrance to the bathroom).
(Do not install the unit inside the bathroom.)



CAUTION

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. The unit does not have a drip-proof or water-proof structure. Water coming into contact with the unit may result in a fire due to a short circuit, or an electric shock.

● MILDEW GUARD

After dehumidifying is performed until the humidity reaches 50%, operation is performed for approximately 4 hours and then stopped automatically.

The length of time of operation may change depending on the temperature and humidity, but the unit will run for approx. 4 hours at minimum (approx. 6 hours at room temperature, 20°C, or up to approx. 12 hours at maximum when this mode is selected).

When the tank is full (FULL lamp lights), the unit stops dehumidifying and only blows air.

Rough Guide on Usage

Location to be dehumidified	Size
Bathroom (bathroom + dressing room)	Up to approximately 7 m ² (size of bathroom + dressing room)
Room	Up to 12 m ²

For more effective operation, use the unit within the above ranges.

How is mildew growth suppressed?

Mildew is unable to produce new spores if dried as mycelia. The MILDEW GUARD feature applies this principle. (However, the spores themselves are resilient to dry conditions.)

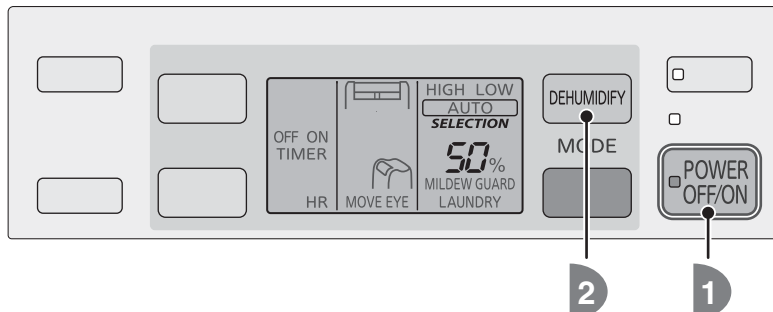
"Identification of Black Mold"

[Research paper by Dr.K.Abe of the Environmental Biology Research Center]

When you want to dehumidify

You can select from three modes, AUTO (50%, 60%, 70%), HIGH, and LOW.
(HIGH · LOW ... P16)

AUTO When you want to set the humidity and perform dehumidifying



1 Press

- The POWER lamp lights.
- The operating mode is displayed.
- The louvre opens and airflow starts.

Information

- Dehumidifying begins approximately 3 minutes after you press the POWER switch. When dehumidifying begins, the operational noise increases.
- The unit remembers the operating mode. Even if the power plug is disconnected or the power turned off, the unit restarts at the previous setting.

• AUTO

The unit changes the airflow rate automatically and operates intermittently to maintain the set humidity.

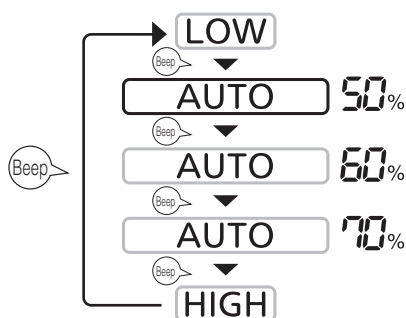
- If the current humidity becomes lower than the set humidity, the unit stops dehumidifying (blowing and the louvre are stopped). If the current humidity becomes higher than the set humidity, the unit resumes operation.
- Operation is performed for approximately 6 minutes after you turn the power ON, regardless of the humidity of the room.

Information

- The humidity may not become lower when the door of the room is opened and closed frequently or depending on the size and conditions of the room.

2 Press and then select AUTO (50%), AUTO (60%), or AUTO (70%).

- Changes with every press.
- A border is displayed around the selected operating mode.
- **SELECTION** is displayed



- The current humidity is indicated within three seconds.

■ Use the louvre as needed. P17

<To stop operation>

Press

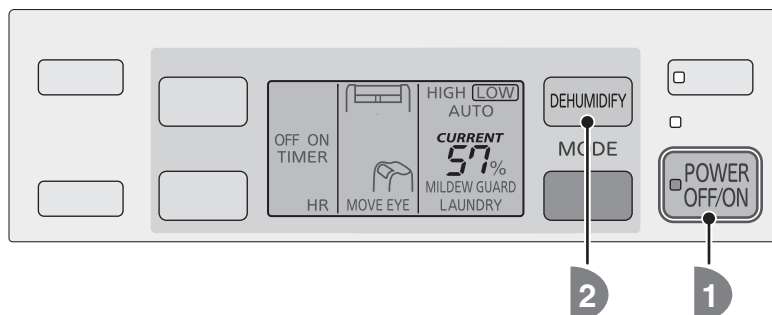
- The POWER lamp goes out.
- The operating mode indicator disappears.
- The louvre closes

Information

- If the DRYING INSIDE operation (auto) is set, it starts after operation stops. P20

When you want to dehumidify (cont.)

HIGH · LOW



1 Press

- The **POWER** lamp lights.
- The **operating mode** is displayed.
- The **louvre** opens and **airflow** starts.

- Information**
- Dehumidifying begins approximately 3 minutes after you press the **POWER** switch. When dehumidifying begins, the operational noise increases.
 - The unit remembers the operating mode. Even if the power plug is disconnected or the power turned off, the unit restarts at the previous setting.

• **HIGH**

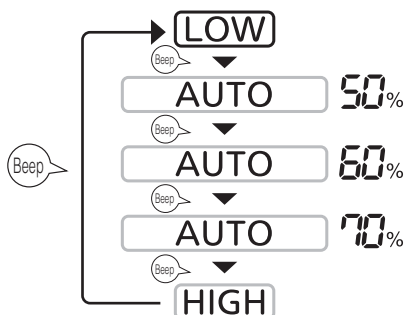
The unit operates continuously with a **HIGH** airflow rate. Select this when you want to dehumidify at a high level.

• **LOW**

The unit operates continuously with a **LOW** airflow rate. Select this when you want a reduced blowing sound during dehumidifying.

2 Press and then select **HIGH** or **LOW**.

- **Changes** with every press.
- A **border** is displayed around the selected operating mode.

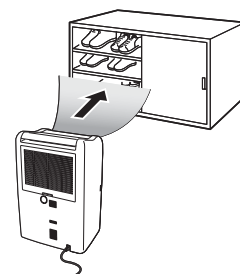


■ Use the louvre as needed. P17

Preventing condensation on the inside of closets or shoeboxes

Use the louvre to blow air at the location you want to dehumidify.

<Recommended Operating Mode>
HIGH



<To stop operation>

Press

- The **POWER** lamp goes out.
- The **operating mode indicator** disappears.
- The **louvre** closes

Information • If the **DRYING INSIDE** operation (auto) is set, it starts after operation stops. P20

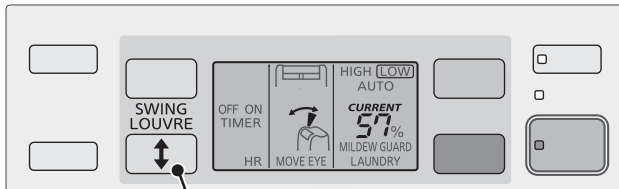
Using Louvre (DEHUMIDIFY mode only)

The louvre can be made to swing. Use the louvre in a way that suits your purpose.

You can only set the wind direction (louvre swing) when using AUTO, HIGH, or LOW operation mode.

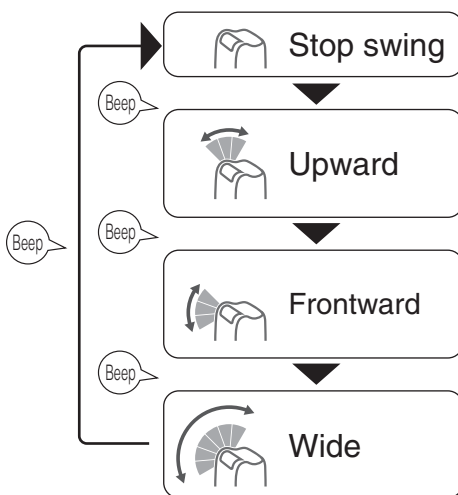
UP-Down Swing

Upward, Frontward, and Wide modes are available. Those modes can be used in conjunction with Left-Right swing.



Press  to select the louvre swing direction

- Changes with each press the swing direction.



● Stop swing

To stop the up-down louvre at the desired angle

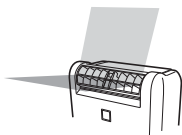
The louvre stops and the swing monitor disappears.



● Upward

For drying clothes, etc.

The louvre swings so that air is blown upward. The blowing range is approximately 90°.



● Frontward

To dehumidify closets

The louvre swings so that air is blown toward the front of the unit. The blowing range is approximately 80°.



● Wide

To cover the entire room

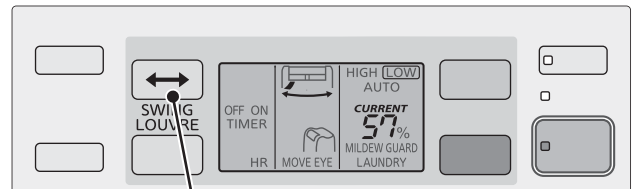
The louvre swings so that air is blown over a wide area. The blowing range is approximately 150°.



Left-Right Swing

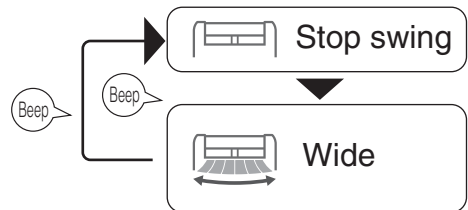
Wide mode is available.

Left-Right Swing can be used in conjunction with Up-Down swing.



Press  to select the louvre swing direction

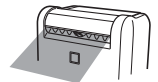
- Changes with each press the swing direction.



● Stop swing

To stop the left-right louvre at the desired angle

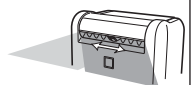
The louvre stops and the swing monitor disappears.



● Wide

To cover the entire room

The louvre swings so that air is blown over a wide area. The blowing range is approximately 100°.



The swing monitor indicates the range in which the louvre swings. (The movement of the louvre and monitor do not match.)

Information

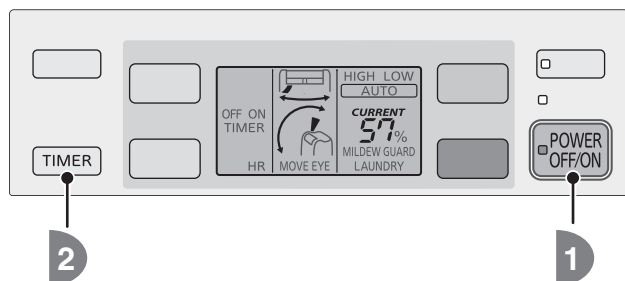
- The amount of noise emitted from the unit varies according to the angle of the air flow.
- The louvre may temporarily stop to adjust its position.
- Do not touch the louvre.
- If the louvre is touched by your hand or an object and accidentally moved away from the desired angle, press the Up-Down swing switch or Left-Right swing switch again.
- If air is blown directly onto a wall, the wall may become dirty due to dust in the air being blown onto the wall.

Using Timer

When using the timer, drain the water from the tank before beginning operation. When the tank becomes full, only air is blown.

OFF Timer Operation

You can set an operating time between 1 to 9 hours. Set the time when you turn the power ON.



1 Turn the power ON P11

Set the desired operating mode and swing direction. P11~17

2 Press **TIMER** to select the operating time

- If you press the switch once, “!” and “OFF” are displayed.
- Each press changes the indication in the order of “1 to 9” and “no indication (cancel)” (the indication changes automatically if you continue pressing the switch).

→ **Off Timer Operation Starts**

<Display example>

- Humidity setting (set to 60%)
- Up-Down Swing Wide
- Left-Right Swing Wide
- Off timer is set to 2 hours



- **The remaining operation time indication is reduced by 1 as each hour elapses.**
- **When the set time elapses, operation stops and the louvre closes automatically.**

The POWER lamp goes out and the operating mode indication disappears.

When the DRYING INSIDE operation (auto) is set, the DRYING INSIDE operation is performed. P20

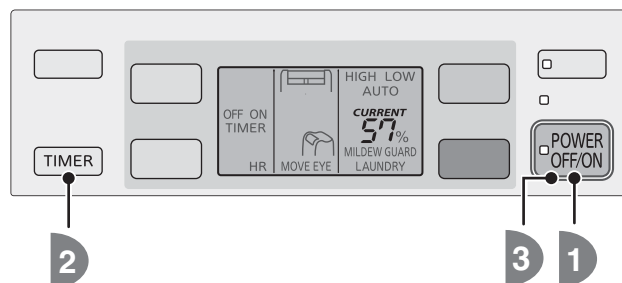
<When you want to cancel the timer before the set time elapses>

- **When you want to end operation**
Press the POWER switch (POWER OFF).
- **When you want to cancel the off timer and continue operation**
Press the TIMER switch repeatedly until the remaining time indication disappears (returns to continuous operation).

- Information**
- The OFF Timer and ON Timer cannot both be set at the same time.
 - If the LAUNDRY or MILDEW GUARD operating mode is used in conjunction with OFF Timer operation, operation may stop before clothes are completely dry.
 - The off timer cannot be set while the DRYING INSIDE operation is being performed.

ON Timer Operation

You can set an operating start time between 1 to 9 hours. Set the time when you turn the power OFF.



1 Turn the power OFF P11

2 Press **TIMER** to select the operating start time

- If you press the switch once, the POWER lamp, operating mode indication, and “!” flash, and “ON” is displayed.
- Each press changes the indication in the order of “1 to 9 hours” (the indication changes automatically if you continue pressing the switch).

3 Press **POWER OFF/ON** to confirm the operating start time

- **The POWER lamp and time indication light**
→ **On Timer Reservation Completes**

The time indication and operating mode indication flash and an alarm sounds to notify if you forget to press the switch.

(The alarm (beep) sounds for one minute.)

<Display example>

- Humidity setting (set to 60%)
- Up-Down Swing Wide
- Left-Right Swing Wide
- On timer is set to 5 hours



- **The remaining time until operation indication is reduced by 1 as each hour elapses.**
- **When the set time elapses, operation starts.**

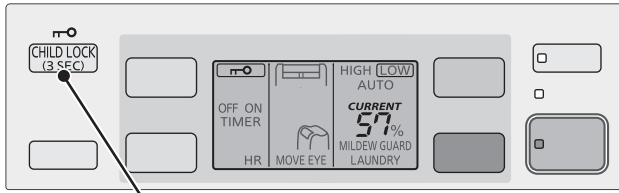
<When you want to cancel the timer before the set time elapses>

Press the POWER switch (POWER OFF).

- Information**
- If you set the on timer during the DRYING INSIDE operation, the DRYING INSIDE operation is cancelled.
 - The on timer operation cannot be performed with a commercially available power socket that has a timer.

Using Child Lock

You can lock the switches. Use this function when you want to keep children from operating the unit.



Press CHILD LOCK (3 SEC) for 3 or more seconds Beep

● Child Lock Indicator lights up.

- If you lock the unit when the power is OFF. The unit will not turn ON, even if the POWER switch is pressed. The CHILD LOCK lamp blinks to notify you that the unit is locked.
- If you lock the unit when the power is ON. The unit will not turn OFF, even if the POWER switch is pressed. The CHILD LOCK lamp blinks to notify you that the unit is locked.

Information

- Only the CHILD LOCK switch can be operated while CHILD LOCK is set. To use other switches, deactivate the CHILD LOCK setting.
- The child lock is switched off when the power cord is unplugged and plugged again.

<When you want to release the child lock>

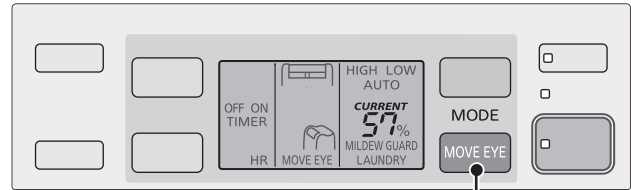
Press CHILD LOCK (3 SEC) for 3 or more seconds Beep

● The child lock indicator turns off.

Turning MOVE EYE OFF (only when in MOVE EYE mode)

If you want to turn MOVE EYE OFF, perform the following operation.

By default, MOVE EYE is ON.



When the power is OFF

Press MOVE EYE for 3 or more seconds. Beep

Operation in MOVE EYE mode when MOVE EYE is OFF

The MOVE EYE indicator goes out even during MOVE EYE mode

● LAUNDRY

MOVE EYE does not detect wet clothes. The up-down louvre and left-right louvre operate in Wide mode.

● MILDEW GUARD

MOVE EYE does not detect windows. The louvre swings toward the floor when the humidity drops to 50%.

<When you want to turn MOVE EYE ON>

When the power is OFF

Press MOVE EYE for 3 or more seconds. Beep

Information

- The unit remembers ON and OFF of MOVE EYE. Even if the power plug is disconnected or the power is turned off, the unit restarts at the previous setting.

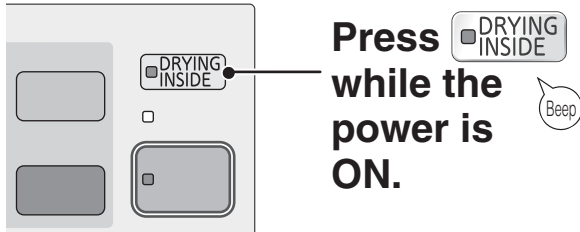
Operating

Drying Inside Operation

The inside of the unit can be dried to suppress mildew growth on the cooler.
On days the dehumidifier is used, DRYING INSIDE (internal drying) is recommended.
DRYING INSIDE operation is finished in approximately one hour.

Automatic operation

To activate DRYING INSIDE after every use.



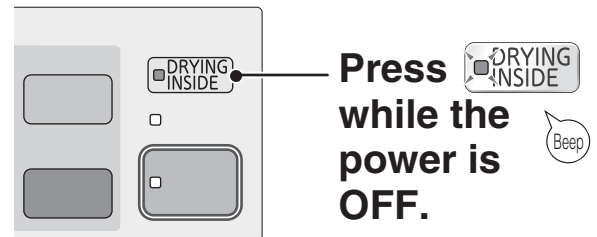
- **DRYING INSIDE operation standby**
(The DRYING INSIDE lamp lights)
- **The operation ends**
- **The DRYING INSIDE operation starts**
The DRYING INSIDE lamp flashes, the current humidity indicator turns off, and the louvre stops in the vertical position
DRYING INSIDE operation
- **The DRYING INSIDE operation ends**
The DRYING INSIDE lamp turns off and the louvre closes

<When you want to deactivate automatic operation>

- **Press the DRYING INSIDE switch while the power is ON**
(The DRYING INSIDE lamp goes out)

Manual operation

Press the to activate DRYING INSIDE while the power is OFF.



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

<When you want to abort the DRYING INSIDE operation>

- **When you want to end the operation partway through:**
Press the DRYING INSIDE switch.
(The DRYING INSIDE lamp turns off)
- **When you want to switch to another operation:**
Press the POWER switch.

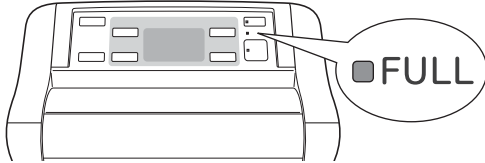
Information

- Connecting/disconnecting the power plug deactivates automatic operation.
- This function does not remove existing mildew. Also, aborting DRYING INSIDE operation may cause the benefits to diminish.
- Do not close the louvres while DRYING INSIDE operation as this causes noise.
- The moisture expelled from inside the unit may cause the humidity level of the room to rise.
- The OFF timer cannot be set during DRYING INSIDE operation.
- DRYING INSIDE operation cannot be set while the FULL lamp is ON and operation is stopped.
- If operation stops because the tank is full, DRYING INSIDE is not operated until the operation is turned OFF.

Draining

Tank full is notified by the lighting of a lamp and a sound.
Empty the tank.

When the tank becomes full, the FULL lamp lights.

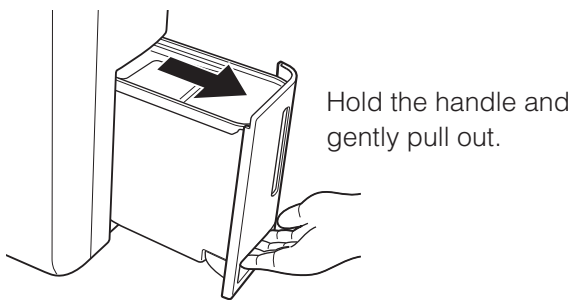


- FULL lamp lights.
(The unit beeps continuously until the water is drained from the tank.)
- Stops dehumidification and only blows air.

Information

- After draining the water and replacing the tank, the FULL lamp will go off, and the unit will automatically return to operation mode.
- If the operation mode is changed while the FULL lamp is lit, the operation mode lamp indication goes out and you can no longer operate the unit except for turning operation ON and OFF.
- The FULL lamp lights up during Off Timer operation but no sound plays.

1 Remove the water tank.

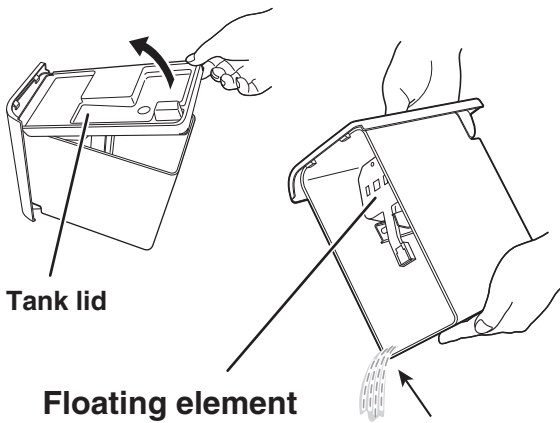


If you remove the tank, the FULL lamp lights.

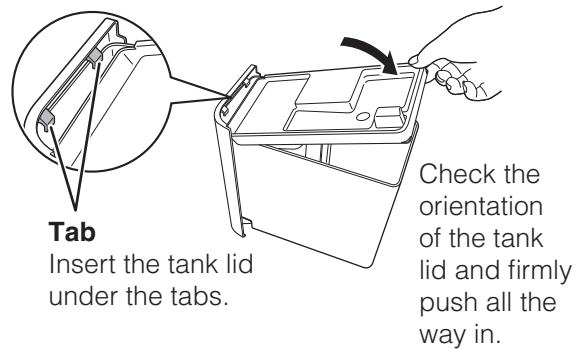
<Hold the tank this way>



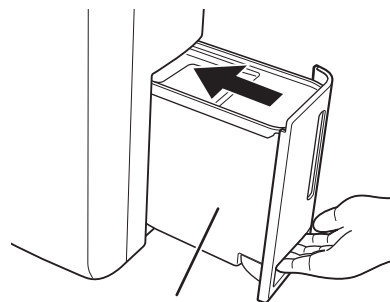
2 Remove the tank lid, and pour out the water.



3 Slide the tank lid to close the tank.



4 While holding the unit, firmly push the tank all the way in.



- A beep is heard and the FULL lamp turns off.

Information

- Firmly push the tank lid into place; failure to do so could cause water to leak.
- If the tank lid is not firmly fitted in, it may be difficult to remove the tank.
- If the tank is not inserted correctly, the FULL lamp comes on and the unit will not operate.

Note

Do not remove or dismantle the floating element in the tank. If it is removed, the unit cannot detect when the tank is full, and this could result in leakage.

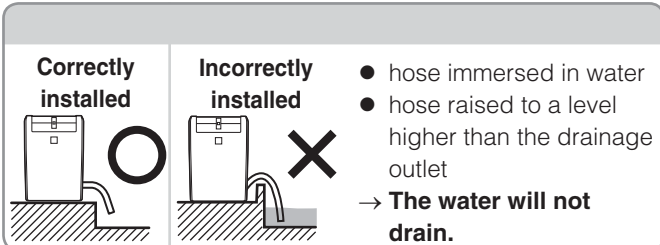
Continuous Drainage

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

The unit can be operated for extensive periods without the need to empty the water tank.

Items to prepare

- **Commercially available hose (I.D. 15 mm)**
Long enough to reach the drain.
- **Pincers**



CAUTION



Do not drain water continuously if there is a possibility that temperatures around the hose could drop below freezing point.

Water inside the hose may freeze and water may leak from the unit and **damage surrounding objects.**



When draining water continuously or left unattended for long periods, inspect the unit once a fortnight.

Foreign objects, etc. could clog the hose **resulting in overheating and/or leakage.**

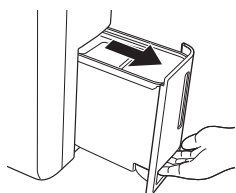
Preparation

Turn the **POWER** switch **OFF**, and remove the power plug.

1

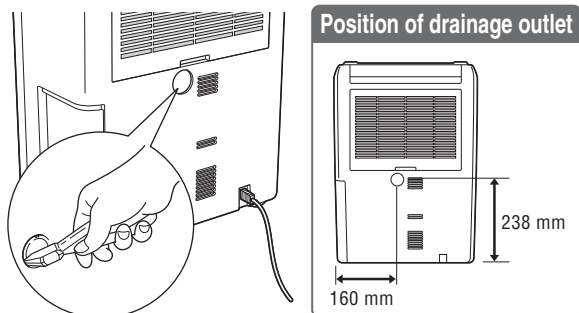
Remove the water tank.

Hold the handle and gently pull out.



2

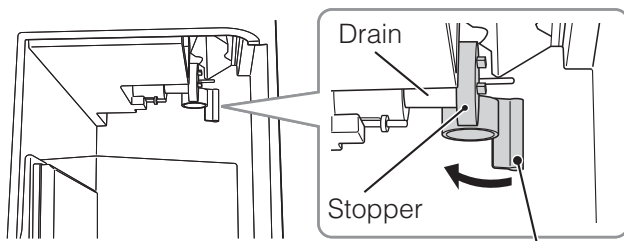
Open the drainage outlet.



Use pincers to cut away the three securing ribs of the continuous drainage outlet. Remove carefully without letting any debris fall inside. (Be careful not to catch your hand on the notch.)

3

Press drain stopper.

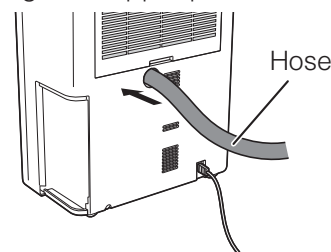


Push here

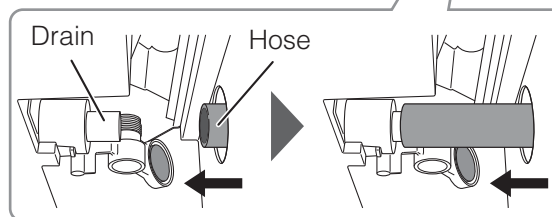
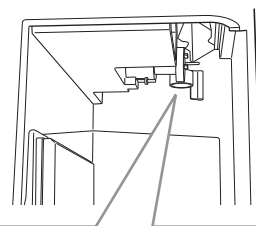
4

Insert hose onto the drainage outlet from the back.

- ① Feed the commercially available hose (ID 15 mm) onto the drainage outlet while keeping the stopper pressed.



- ② Firmly push the hose through the drainage outlet of the unit.



- ③ Check for water leakage.

5

Attach the tank and set the end of the hose to the drain.

If the tank is not reattached, the "FULL lamp" remains on and operation is not possible.

Note

- Confirm that the hose does not show signs of deterioration such as bending cracks and clogging.
- If it is difficult to insert the hose, wet the hose with water and insert. Do not use oil or lubricant instead of water.
- Inspect the hose every 2 weeks. Insects or dirt blocking the hose may cause leakage resulting in malfunctions.

Maintenance

Do not use detergents, cleaning agents for heat exchange equipment, abrasive powders, chemically treated dusters, gasoline, benzene, thinners or other solvents, as they can damage the unit or the water tank, which may result in leakage.

Remove the power plug before you begin maintenance.

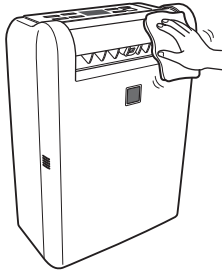
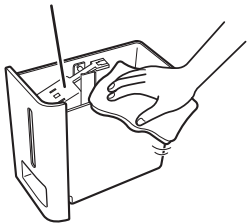
Cleaning

Water tank and Main unit

Wipe with a soft cloth.

Floating element

Do not remove or dismantle.

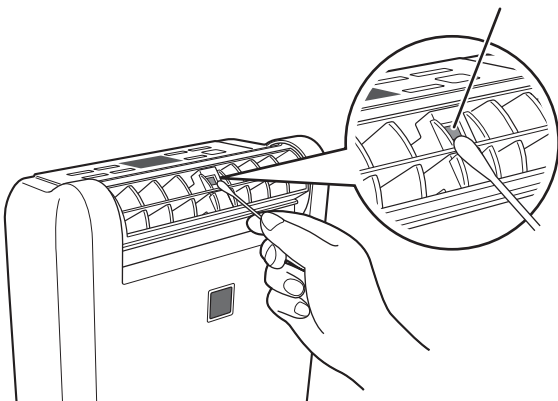


- The unit draws in dust present in the air, and this may cause the tank to **gradually become dirty**. If the dirt does not come off easily, wash with cold or warm water, then wipe with a soft, dry cloth.
- Mildew may form in the tank unless kept clean.

MOVE EYE

Lightly wipe with a dry cotton swab

MOVE EYE



Do not use water, alcohol, or detergent. Use of such substances could cause a malfunction.

Once Every Two Weeks

Filter cover, Air Intake, and sensor part

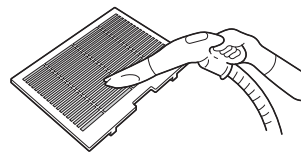
Clogging with dust and the like reduces the effectiveness of dehumidifying. Clean about once every two weeks.

How to remove and attach **P10**

1 Remove the filter cover.

2 Remove the silver ion filter.

3 Clean the filter cover.



Use a vacuum cleaner to suck up any dirt.

Do not use a nozzle with brush. Doing so could damage the filter.

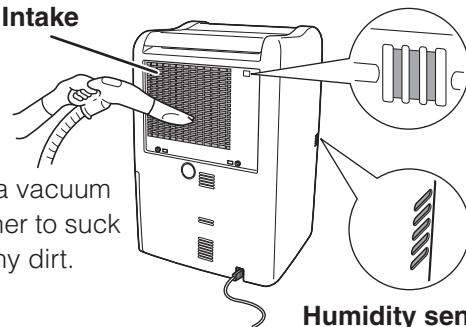
When the filter cover is very dirty, wash it in lukewarm water and dry it well.

4 Clean the air intake and sensor part

Air Intake

Temperature sensor part

Use a vacuum cleaner to suck up any dirt.



Humidity sensor part

Do not use a nozzle with brush. Doing so could deform the metal fins.

5 Set the silver ion filter.

Make sure the silver ion filter is attached to the unit.

If it is not, fine dust will enter inside the unit and cause a malfunction.

6 Set the filter cover.

W

Operating

Troubleshooting

Maintenance (cont.)

Once Every Three Months

Silver Ion Filter (Soak in Water)

Soaking the silver ion filter in water enables you to remove fine dust and odor from the silver ion filter.

How to remove and attach **P10**

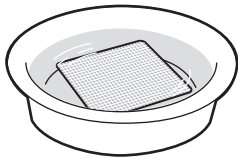
<Preparation>

Press the **POWER** switch to turn off the power, wait until the blower fan stops rotating (approximately 2 minutes) before unplugging the power cord.

1 Remove the filter cover.

2 Remove the silver ion filter.

3 Soak the silver ion filter in water.

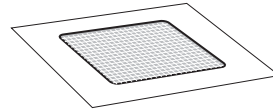


Soak in cool to lukewarm water for about 30 minutes.

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

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

4 Dry the silver ion filter well.



Dry the filter on a even surface in the shade.

Do not hang with pegs or the like. This may damage the filter.
Do not use the filter while wet.

5 Set the silver ion filter into the filter cover.

6 Set the filter cover.

Troubleshooting

● For the symptoms listed below, refer to the remedies listed right.

Symptom	Cause/Remedy
The unit blows warm air	<ul style="list-style-type: none"> ● The unit blows out warm air because dehumidified air passes through the reheater (there is no cooler function). This is not a malfunction. P7
Water does not collect in the water tank (minimal dehumidifying results)	<ul style="list-style-type: none"> ● Check to see if the temperature/humidity is low. Low room temperature/humidity reduces dehumidifying effectiveness (in winter, the temperature and the humidity are low, the amount of water collected is decreased). This is not a malfunction. P7
<p>The unit does not operate (No air comes out and the louvre does not swing)</p> <p>The unit stops</p> <p>Stops after a short time</p> <p>□ FULL Lights</p>	<ul style="list-style-type: none"> ● Check to see if the power cord is correctly plugged. → Plug the power cord properly into the power socket. P5 ● Check to see if anything is blocking the air intake or outlet. → Remove the obstruction. P5 ● Is operation being performed with the unit set to AUTO? → The unit is automatically switching between dehumidification and blowing. P15 ● Check to see if the filter cover is clogged. → Clean according to the maintenance procedures. P23 ● Is operation being performed with the unit set to LAUNDRY? → If the room temperature is approximately 10°C or less, operation will stop automatically in approximately two and half hours. The reason for this is because if the room temperature is low it becomes difficult to evaporate moisture and humidity does not change. P11 ● Is operation being performed with the unit set to MILDEW GUARD? → This operation ends automatically when the humidity drops. It stops in four hours at minimum. P14
	<ul style="list-style-type: none"> ● Check to see if the water tank is full. → Empty the water tank and return it to its original position. P21 ● Check to see if the water tank is inserted properly. → Adjust the position of the water tank. P10
	<ul style="list-style-type: none"> ● Did you hang additional wet clothes? → If you want to hang additional wet clothes, turn the operation OFF and turn the operation ON again after hanging clothes. P11-13 ● Are wet clothes hanging within the detection range of MOVE EYE? → Hang wet clothes within the detection range (1.5 m). P12 ● Is there a heat source between MOVE EYE and wet clothes? → Do not place a heat source in front of the unit. P23 ● Check to see if MOVE EYE is dirty. → Clean MOVE EYE according to the maintenance procedures. P23
	<ul style="list-style-type: none"> ● Check to see if the room temperature is low. → If a window is cold, MOVE EYE may incorrectly detect the window as wet clothes. It is effective to cover the window with a curtain and use a heater to warm up the room. P12
	<ul style="list-style-type: none"> ● Check to see if the room temperature is low. → If the room temperature is low (approx. 10°C), it becomes difficult to evaporate moisture therefor laundry does not dry. It is effective to use a heater to warm up the room. P12 ● Check to see if the room is not too large. → Use the unit within the range described in Rough Guide on Usage. ● When you are restarting operation after hanging additional clothes, has it been a long time since you first hung wet clothes? → Wind no longer blows on previously hung wet clothes and they may not dry even after operation ends. ● Are wet clothes hanging within the detection range of MOVE EYE? → Hang wet clothes within the detection range (1.5 m). P12 ● Check to see if the clothes are too close together. → Leave at least approximately 5 cm of space between articles of clothing to allow air to pass through. P12
Wind does not blow on wet clothes	
Wind does not blow on wet clothes partway though drying	
Clothes do not dry	

W

Troubleshooting

Troubleshooting (cont.)

Symptom		Cause/Remedy
The unit continues to operate even though it is turned off		<ul style="list-style-type: none"> Is the unit set to DRYING INSIDE mode? This function activates automatically after ending operations. <p>P20</p>
It takes time for humidity to drop		<ul style="list-style-type: none"> Check to see if the room is not too large. → Use the unit within the range described in Rough Guide on Usage. Check to see if the exits to the room are open. → Refrain from opening doors/windows during operation. Check to see if steam producing appliances such as kerosene heaters are on in the vicinity.
The hygrometer reading on the unit differs from other hygrometers in the room		<ul style="list-style-type: none"> Hygrometer readings differ from place to place even if in the same room. Use the unit humidity reading as an estimate. <p>P7</p>
The louvre does not move as set		<ul style="list-style-type: none"> Press the Up-Down Swing switch or Left-Right Swing switch again. Is operation being performed with the unit set to MOVE EYE mode? → The louvre cannot be set when using LAUNDRY or MILDEW GUARD operating mode. Use the AUTO, HIGH, or LOW setting. <p>P17 P15~16</p>
The water tank contains liquid or white water residue		<ul style="list-style-type: none"> The residue is from final product testing at the factory. It is not a result of a malfunction.
There is black residue on the inside of the water tank and lid.		<ul style="list-style-type: none"> The residue is from debris in the air. → Clean according to the maintenance procedures. <p>P23</p>
The unit makes noises	The operating noise is loud/reverberates	<ul style="list-style-type: none"> Check to see if the unit is on a slope or uneven surface. → Move to a sturdy even surface. Check to see if the filter cover is clogged. → Clean according to the maintenance procedures. Operating the unit in small rooms or in tight spaces sometimes causes the sound to reverberate. → Place a mat underneath the unit. <p>P5 P23 P8</p>
	The operating sound suddenly increases in volume	<ul style="list-style-type: none"> Sound increases when the compressor starts operation (approximately three minutes after turning on the unit, or during AUTO operating mode).
	The wind sound changes in volume	<ul style="list-style-type: none"> The volume of the sound differs depending on the angle of the louvre. <p>P17</p>
	The unit produces a simmering sound	<ul style="list-style-type: none"> This is the sound of the refrigerant. The sound can be heard while the refrigerant stabilizes after the unit turns on, changes modes, or stops.
	The unit produces a buzz that sounds intermittently (or the compressor does not activate)	<ul style="list-style-type: none"> This is the sound of the compressor. In modes that control the humidity level, the compressor operates intermittently causing the sound to be heard occasionally. The compressor does not activate after turning the unit off, or for 3 minutes after plugging the unit into a power socket. (This is to protect the compressor from damage.)
The unit produces an odour	When first used	<ul style="list-style-type: none"> The heat converter heats rapidly causing an odour. This is not a malfunction.
	During DRYING INSIDE	<ul style="list-style-type: none"> The discharged moisture may emit an odour. This is due to odour components being absorbed by moisture droplets inside the unit. This is not a malfunction.
The power plug or power socket generates abnormal heat		<ul style="list-style-type: none"> Stop operation and contact the place of purchase.

● Error message (Humidity indicator)

Digital display	Cause/Remedy
<i>A2, A6</i> appears in the HUMIDITY indicator	<ul style="list-style-type: none"> ● Check to see if the power cord is plugged into the power socket properly. → Plug the power cord into the power socket properly. P10
<i>P4</i> appears in the HUMIDITY indicator	<ul style="list-style-type: none"> ● Check to see if anything is blocking the air outlet. → Remove the obstruction, and plug the power cord into the power socket again. P5-10 ● Check to see if the filter cover is clogged. → Clean according to the maintenance procedures. P23
<i>A1, E0-EB</i> appears in the HUMIDITY indicator The "POWER lamp," "DRYING INSIDE lamp," and "FULL lamp" all flash.	<ul style="list-style-type: none"> ● Malfunction → Take note of error message, unplug the power cord, and contact the place of purchase.

- If the symptoms persist even after following the prescribed remedies, or the error message does not disappear, unplug the power cord, and contact the place of purchase.
- If the supply cord is damaged, it must be replaced by the manufacturer, its services agent or similar qualified persons in order to avoid a hazard.

Replacement Parts

The silver ion filter is a consumable item.
Replace this filter when it becomes time for replacement.

Replacing the silver ion filter

Although the silver ion filter lasts roughly 2 years, replace it when:

- You have soaked the filter 8 times.
- The silver ion filter has turned brown due to cigarette smoke or black with dust.

Filter life differs on usage and environmental conditions

Remove the filter cover from the unit, and replace the silver ion filter.

How to remove and attach **P10**

Parts sold separately

Silver ion filter for replacement

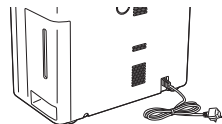
- Type: MJPR-EXFT

For these items contact your nearest Mitsubishi Electric dealer.

Storage and Disposal

Storage

After switching the unit off, leave for one day until any water inside has had time to settle. Then carry out the following steps.

- 1 Perform DRYING INSIDE. **P20****
Performing DRYING INSIDE to prevent mildew growth is recommended.
- 2 Bundle the power cord.** 
- 3 Drain out the water. **P21****
Drain the water from the tank and wipe away any remaining drops of water.
- 4 Clean the filter cover. **P23****
Use a vacuum cleaner to suck up any dirt.
- 5 Store the unit.**
 - When you are sure that all parts are dry, cover it with a cloth to keep it from dust.
 - Store the unit in an upright position in a place not exposed to direct sunlight.

When disposing the unit

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.

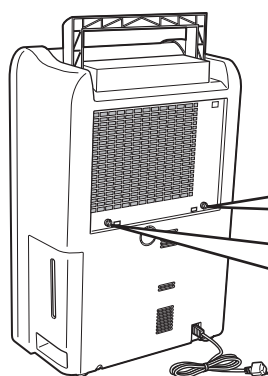
Specifications

Model		MJ-E85EF-H	
Power supply		Single phase 220V 50Hz	
Condition	Temperature	26.7°C	30°C
	Humidity	60%	80%
Dehumidifying capacity*1		8.5 L/day	14.5 L/day
Power consumption		220W	250W
Room size*2	HIGH*3	35m ²	
	AUTO	24m ²	
Water tank capacity		stops automatically at approx. 3.0L	
Weight		13.0kg	
Dimensions (h × w × d)		534mm × 360mm × 210mm	

*1 The dehumidifying capacity indicates the amount of dehumidification per day 24 hours).

*2 House condition: Concrete house

*3 Dehumidifying area: According to standards of JEMA



NOTE

It is impossible to remove the back panel because the two spots shown are fastened with two special screws. If the unit malfunctions, contact your Mitsubishi dealer:

Sole Agent in Hong Kong

Mitsubishi Electric Ryoden Air-Conditioning & Visual Information Systems (Hong Kong) Limited.

Office: Tel.: 2510 1505 Service Center: Tel.: 2427 8484

Fill in the following for your future reference.

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