

AUTO

When you want to set the humidity level.



Press

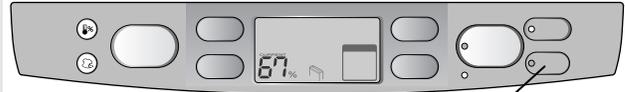
- Frame appears around **AUTO**.



The MODE button can also be used to select AUTO.

AIR PURIFIER

To operate only the air purifier.



Press

- Air purifier lamp lights.

To return to the previous mode, press the air purifier button again.

• AUTO

The unit maintains the humidity level by automatically controlling airflow and operating intermittently as necessary. All you have to do is set the humidity level.

- The unit turns off when current humidity decreases past the set humidity level, and restarts when the level is exceeded. (airflow and louvre stops)
- The unit operates for 6 minutes continuously regardless of the humidity level immediately after turning the power on.

Information Frequent use of exits and room size/conditions may cause the humidity to not reach the set level.

<To view set humidity level/ To set humidity level>



Press



Press again

- Pressing the button once displays the set humidity level with the **SELECTION** indicator. After 3 seconds, the display returns to the current humidity display.
- Pressing the button while **SELECTION** is displayed sets the humidity level. Each time the button is pressed, the humidity setting changes.

70 → 65 → 60 → 55 → 50



• AIR PURIFIER

The unit cleans the air by passing it through the pre-filter and photocatalytic filter. The dehumidifying function is disabled.

- Information**
- The air passes through the photocatalytic filter in 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.

Swing louvre function (how to read the swing monitor)

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

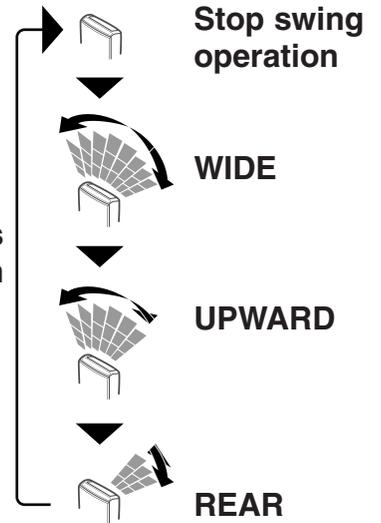


- Starts swing operation.
- The swing monitor is displayed.

The swing operation stops when the power cord is unplugged.

This indicates the range of louvre swing. (The louvre and monitor do not move in synchronization.)

With each press of the button



Objective	Recommended swing setting	Explanations of the swing modes
To stop the louvre at the desired angle	<ul style="list-style-type: none"> • Stop swing operation 	<ul style="list-style-type: none"> • The louvre stops in a vertical position. • The swing monitor turns off. <p>To change the louvre to a desired angle, wait until the louvre stops, then adjust by hand.</p>
To cover the entire room	<ul style="list-style-type: none"> • WIDE 	<p>The louvre swings from the UPWARD position through to the REAR position.</p>
For drying clothes, etc.	<ul style="list-style-type: none"> • UPWARD 	<p>Swing speed is automatically controlled to send air at washing from all angles.</p> <p>The louvre moves slowly through the last 30° of the swing, as the time taken to traverse the rear arc is shorter than that for the upward arc when moving at a constant speed.</p>
For directing air into a closet	<ul style="list-style-type: none"> • REAR 	

Information

- The level of noise emitted from the unit varies according to the angle of the air-flow.
- The louvre may stop up to a maximum of 8 seconds to correct its position, after which it will start moving again.
- If the louvre is knocked out of the desired angle, readjust by following the above steps.

Note

Stop the louvre in the vertical position when using the unit against a wall. Blowing air at the wall may cause staining.

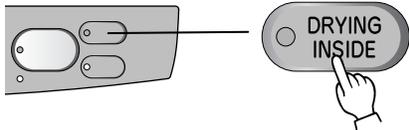
Drying inside

The inside of the unit can be dried to suppress mildew growth on the cooler. On days the dehumidifier is used, drying inside is recommended.



Automatic operation

To activate drying inside after every use.



Press while the unit is on

- **Drying inside standby**
(Drying inside lamp lit)



Drying inside starts when operation ends

When the unit is turned off, LAUNDRY mode ends, or the OFF timer ends.

- **Drying inside starts**
The Drying inside lamp flashes, the humidity indicator turns off, and the louvre stops in the vertical position.

Drying inside mode

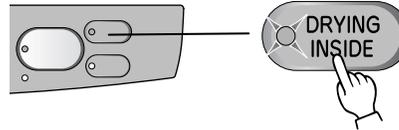
- **Drying inside ends**
The Drying inside lamp turns off and the louvres shut.

<To deactivate automatic operation>

Press the Drying inside button while the unit is on (the Drying inside lamp turns off)

Manual operation

To activate drying inside by pressing a button.



Press while the unit is off

- **Drying inside starts**
The drying inside lamp flashes, the humidity indicator turns off, and the louvre stops in the vertical position.

Drying inside mode

- **Drying inside ends**
The drying inside lamp turns off and the louvres shut.

To abort drying inside

Press the drying inside button while the unit is performing drying inside (the Drying inside lamp turns off)

Press the power button to abort drying inside, and resume normal operation.

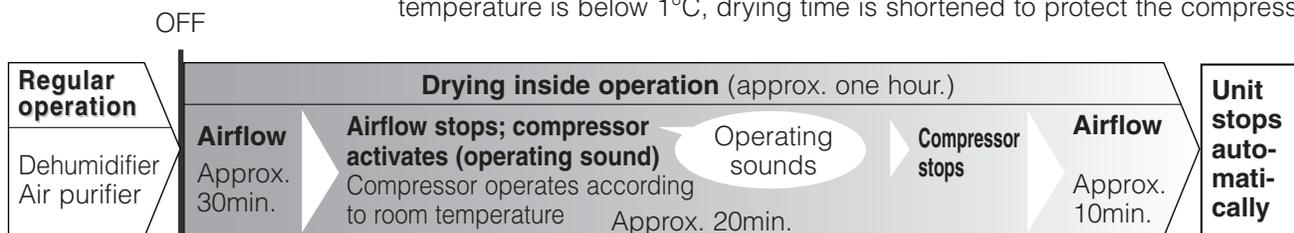
Operating

Information

- Connecting/disconnecting the power plug deactivates automatic operation.
- This function does not remove existing mildew. Also, aborting drying inside may cause the benefits to diminish.
- Do not close the louvres while drying inside as this causes noise.
- The moisture expelled from inside the unit may cause the humidity level of the room to rise.
- The air leaving the unit may appear white depending on the humidity or temperature of the room.
- The moisture expelled from inside the unit may smell due to odorants* that were not caught by the filter dissolving in the water.
- * The photocatalytic filter is mainly for absorbing ammonia.
- The OFF timer cannot be set during drying inside.

<Drying inside operation>

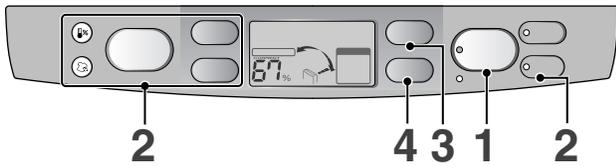
This operation takes approximately one hour. However, when the room temperature is below 1°C, drying time is shortened to protect the compressor.



Using the Timer

OFF timer operation

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

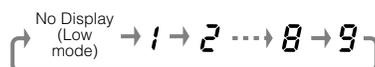


To set

- 1 Switch the power on.
- 2 Select operating mode.
Select desired operating mode.
- 3 Change the louvre swing direction.
Select the desired setting.
- 4 Set the operating time.

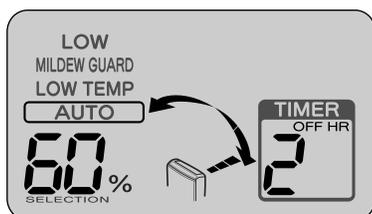


- When pressed once the figure [!] and [OFF] appear.
- Each subsequent press changes the display in order from 1 to 9 hours. (Hold the button to run automatically through the numbers.)



→ The OFF timer is set.

The following is an example of a display indicating AUTO dehumidifying (set to 60%), swing set to WIDE and the OFF timer set for 2 hours.



- The time remaining until the unit switches itself off is indicated in increments of one hour.
- When the set time is reached, the unit switches itself off and the louvre closes automatically.

Drying inside will commence if it has been activated.

To cancel

<When you want to turn the unit off>

Press the Power button. (Power off)



Press

- The OFF Timer is cancelled.

<When you want to disable the Timer OFF mode, and continue operation>

Keep pressed until the remaining time display disappears. The unit returns to LOW mode.



Press

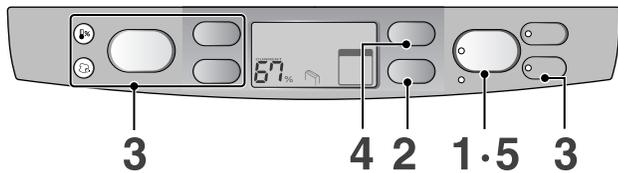
- The OFF Timer is cancelled.

Information

- Empty the water tank before operating. The unit stops and the Tank full lamp lights if the tank becomes full during operation.
- The OFF timer and ON timer cannot be set at the same time.
- Do not use the timer OFF mode in conjunction with LAUNDRY or MILDEW GUARD.
- The OFF timer cannot be set during drying inside.

ON timer operation

The ON timer can be set for 1 to 9 hours.
Set the timer when the power is switched off.



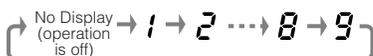
To set

- 1 Switch the power off.
- 2 Set the time you wish the unit to turn on.



Press

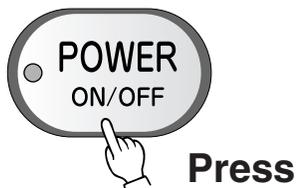
- Press once. The Power lamp, Mode indicator, and a [!] on the digital display flash. The [ON] indicator lights.
- Each subsequent press changes the display in order from 1 to 9 hours. (Hold the button to run automatically through the numbers.)



- 3 Select operating mode.
- Select desired operating mode.
Set drying inside as desired.

- 4 Change the louvre swing direction.
- Select the desired setting.

- 5 Confirm the operating start time.

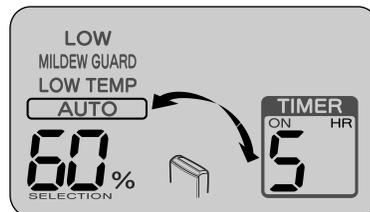


Press

- Power lamp and Timer display light.
→ The ON timer is set.

The unit informs you if you forget to press the Power button by making the Timer display and Mode indicator blink and sounding an alarm for 1 minute.

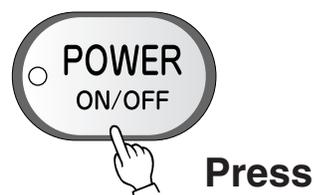
The following is an example of a display indicating AUTO dehumidifying (set to 60%), swing set to WIDE and the ON timer set for 5 hours.



- The time remaining until the unit switches itself on is indicated in increments of one hour.
- When the set time is reached, the unit switches itself on.

To cancel

Press the Power button. (Power off)



Press

- The ON Timer is cancelled.

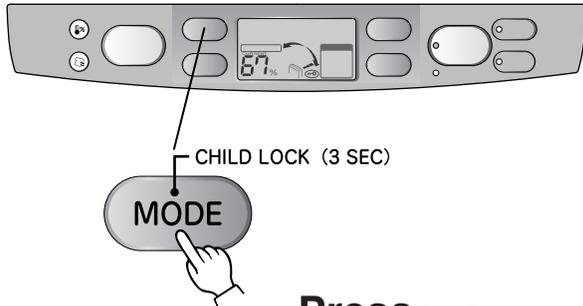
Information

- Drying inside is deactivated when the ON timer is set during drying inside operation.
- The ON timer function is not operable using a commercially-available timer plug outlet.

Operating

Using the Child Lock

To Lock



Press for 3 or more seconds.

- **The child lock indicator**

The child lock is switched off when the power cord is unplugged.

When the child lock is activated, the other switches are inoperable. Deactivate the child lock to use the other buttons.

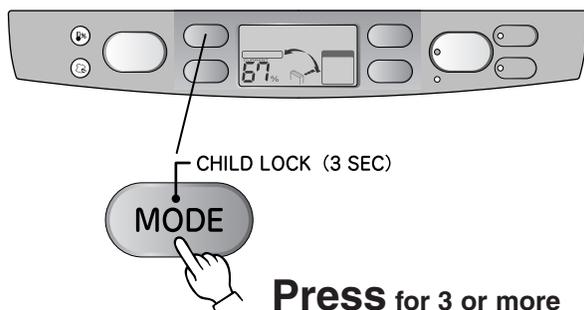
If you lock the unit when the POWER is OFF.

The unit will not turn on, even if you press the POWER button to turn it on. Only the CHILD LOCK lamp will blink. (Press the POWER button once again so that the lamp lights.)

If you lock the unit when the POWER is ON.

The unit will not turn off, even if you press the POWER button to turn it off. Only the CHILD LOCK lamp will blink. (Press the POWER button once again so that the lamp lights.)

Releasing the child lock



Press for 3 or more seconds.

- **The child lock lamp goes out.**

Carrying the Unit

Pull the handle out, and grasp with a firm grip



Before moving the unit, first make sure to remove water from the water tank and close the louvre.

Note

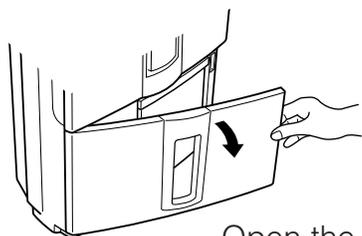
- **Do not carry the unit on its side** as this may cause malfunctions.
- **Do not let the power cord drag**, as this may damage the cord.

Removing Water from the Tank

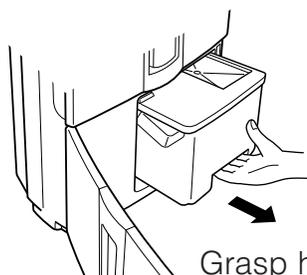
The unit automatically shuts down and lights the Tank full lamp when the tank (approximately 4L) is full. Empty the tank. 

E

1 Remove the water tank.

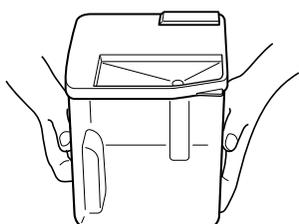


Open the front door.



Grasp handle and slide out.

<Hold the tank this way>



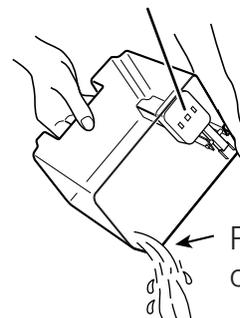
2 Remove the tank lid, and empty.



Tank lid

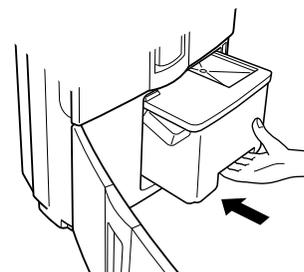
Floating element

Do not remove or dismantle the float.



Pour the water out as shown.

3 Reattach the tank lid and replace the water tank.



Confirm that the lid is securely attached to the water tank, and push the tank in. Close the front door.

- If the lid is not properly closed, you may have problems removing the tank.
- If the tank is not installed correctly, the tank full light will come 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 15mm).

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

Necessary items

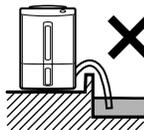
- **Commercially available hose (ID 15mm)**
Long enough to reach the drain.
- **Side Cutters**

How to set up the drainage hose

Correctly installed



Incorrectly installed



- hose immersed in water
 - hose raised to a level higher than the drainage outlet
- **The water will not drain.**

CAUTION

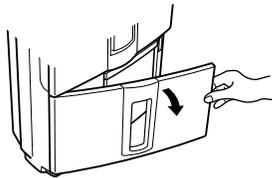


Do not drain water continuously if there is a possibility that temperatures around the hose could drop below freezing point.
Water inside the hose may freeze and water may leak from the unit and **damage surrounding objects.**

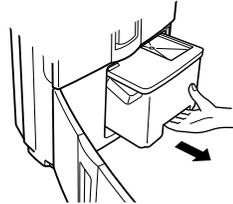


When draining water continuously or left unattended for long periods, inspect the unit once a fortnight.
Foreign objects, etc. could clog the hose resulting in **overheating and/or leakage.**

1 Remove the water tank.

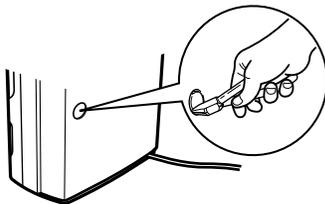


Open the front door.

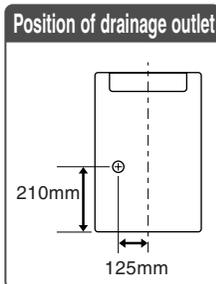


Grasp handle and pull out.

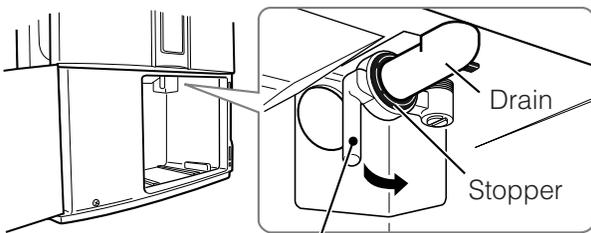
2 Open the drainage outlet.



Use cutters to cut the three fixing ribs of the continuous drainage port on the back of the main unit, then remove it carefully making sure that it does not fall inside the unit.



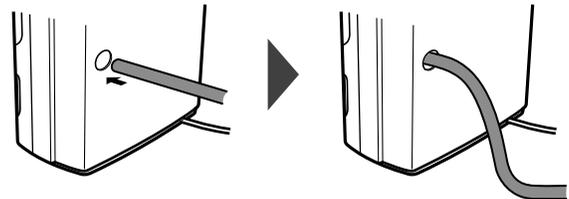
3 Press drain stopper.



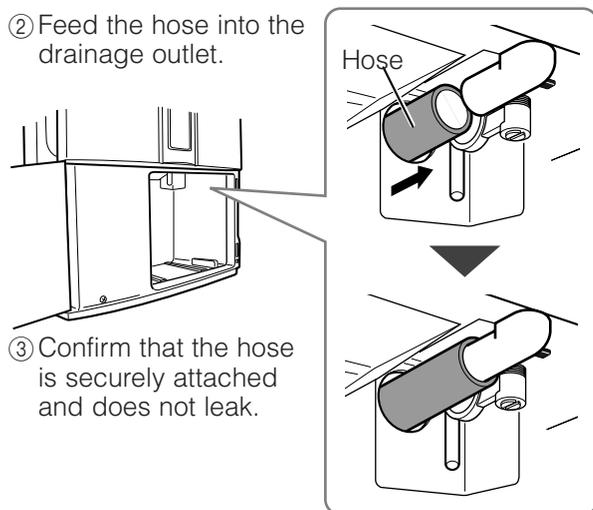
Push here

4 Insert the hose into the drainage outlet on the back.

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



- ② Feed the hose into the drainage outlet.



- ③ Confirm that the hose is securely attached and does not leak.

5 Replace the tank, and set the end of the hose in the drain.

The unit cannot operate without returning the tank.

Note

- Leave a minimum space of 20 cm behind the unit for attaching the hose.
- Confirm that the hose does not show signs of deterioration such as cracks and clogging.
- Inspect the hose every 2 weeks. Insects or dirt blocking the hose may cause leakage resulting in malfunctions.

Maintenance

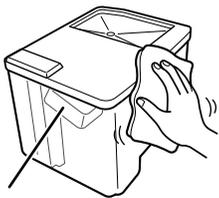
Do not use detergents, cleaning agents for heat exchange equipment, abrasive powders, chemically treated dusters, gasoline, benzene, thinners or other solvents, as they can damage the unit or the water tank, which may result in leakage.



Cleaning

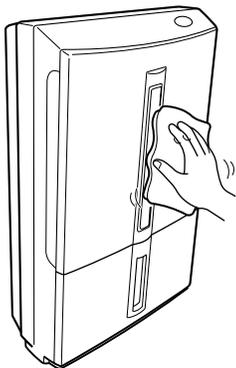
Water tank • Main unit

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.

Once every two weeks

Pre-filter

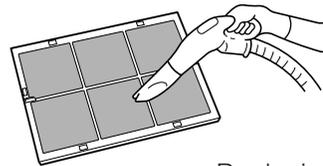
Debris clogging the pre-filter reduces the effectiveness of the dehumidifier. Clean once every 2 weeks.

For maintenance procedures see  10

1 Remove the front panel and pre-filter.

2 Remove the photocatalytic filter.

3 Clean the pre-filter.



Remove grit with vacuum cleaner.

Replacing the supplement cartridge

4 Fit the photocatalytic filter.

5 Attach the pre-filter and front panel.

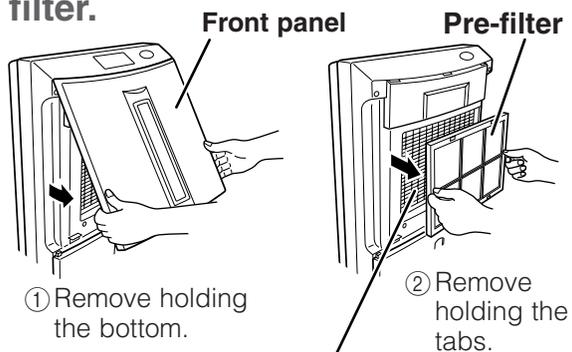
Maintenance (Continued)

Once every three months

Photocatalytic filter

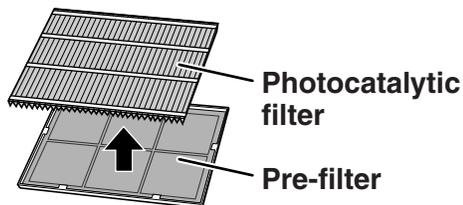
Soaking the filter in water, and leaving it to dry in the sun renews the performance and prolongs service life. Perform this every three months.

1 Remove the front panel and pre-filter.

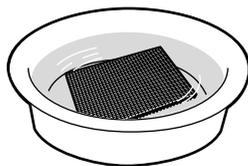


Performance is unaffected even if the metal fins inside the main unit are slightly bent.

2 Remove the photocatalytic filter.



3 Soak the photocatalytic filter in water.

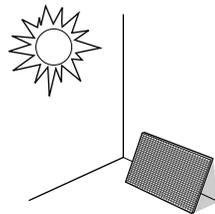


Soak in cool to lukewarm water for 30 minutes.

Do not use detergent or hot water. Also, do not brush or rub while soaking as this may damage the filter.

- 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 photocatalytic filter.

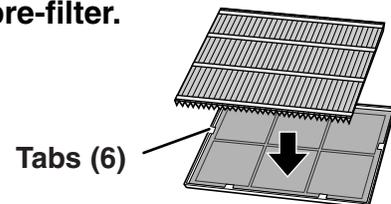


Dry well in the sun (The performance of the filter renews with soaking, and the photocatalytic effect of the sunlight removes remaining odorants).

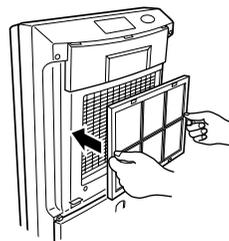
Do not hang with pegs as this may damage the filter. Do not use the filter while wet.

5 Fit the photocatalytic filter.

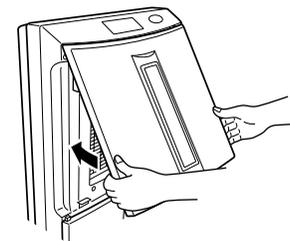
With the strips facing up, set the photocatalytic filter inside the tabs on the pre-filter.



6 Attach the pre-filter and front panel.



① Attach holding the tabs.



② Hook the top edge to the top part of the unit and push the bottom in.

Replacing the Air Purifying Filter

The air purifying filter is disposable.
Make sure to replace the filter when it becomes dirty.

Replacing the photocatalytic filter

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

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

Filter life differs on usage and environmental conditions.

Remove the front panel and pre-filter to replace the photocatalytic filter.

For maintenance procedures see  10

Parts sold separately

Photocatalytic filter for replacement

- Type: MJPR-10TXFT
- Type code: 5C5 815

For these items contact your nearest Mitsubishi Electric dealer.

Storage and Disposal

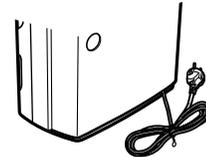
Storage

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

1 Perform drying inside. 17

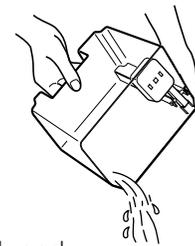
Performing drying inside to prevent mildew growth is recommended.

2 Bundle power cord.



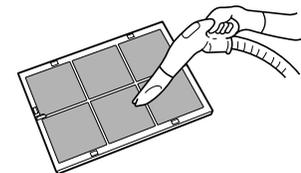
3 Remove the drainage water. 21

Empty the water tank and wipe away any remaining drops of water.



4 Clean the pre-filter. 23

Remove grit with vacuum cleaner.



5 Store the unit.

- When you are sure that all parts of the unit 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.

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



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"> • Dehumidified air passes through heating coils causing it to warm (this unit is not a cooler). This is not a malfunction. 
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. Confirm the current humidity reading (in winter, the air is cooler reducing the amount of water collected). This is not a malfunction. 
The unit does not turn on (no air comes out) The unit keeps turning off	<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.  • Check to see if anything is blocking the air intake or outlet. → Remove the obstruction. 
	<ul style="list-style-type: none"> • Check to see if the pre-filter is clogged. → Clean according to the maintenance procedures. 
	Stops after a short time
	Louvre does not swing
	<ul style="list-style-type: none"> • Check to see if the unit is in EASY DEHUMIDIFYING, MILDEW GUARD, or AUTO. The unit is automatically controlling the dehumidifier, fan, and standby times. 
<input type="radio"/> FULL Lights	<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.  • Check to see if the water tank is inserted properly. → Adjust the position of the water tank. 
 Indicates	<ul style="list-style-type: none"> • Check to see if the unit is in defrosting mode. The unit activates defrosting mode when the room temperature drops below 15°C. The dehumidifier and blower functions stop during defrosting. 
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 the unit finishes operating. 
The humidity level does not reach the level set	<ul style="list-style-type: none"> • Check to see if the room is not too large. • 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. 
The louvre does not move as set	<ul style="list-style-type: none"> • Press the Swing louvre switch again. 
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. 



Symptom		Cause/Remedy
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. 5 • Check to see if the pre-filter is clogged. → Clean according to the maintenance procedures. 23 • Operating the unit in small rooms or in tight spaces sometimes causes the sound to reverberate. → Place a mat underneath the unit. 6
	The operating sound suddenly increases in volume	<ul style="list-style-type: none"> • The sound increases when the compressor activates (3 minutes after turning on the unit or during One-touch dehumidifier and Automatic modes).
	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. 16
	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 monitor the humidity level or during drying inside, 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.) 12
The unit produces an odour	When first used	<ul style="list-style-type: none"> • The heat converter heats rapidly causing a brief odour. This is not a malfunction.
	During drying inside	<ul style="list-style-type: none"> • The moisture expelled from inside the unit may smell due to odorants that were not caught by the photocatalytic filter dissolving in the water. This is not a malfunction.

• **Error message (Humidity indicator)**

Digital display	Cause/Remedy
<i>A2</i> or <i>A3</i> is displayed	<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. 11
<i>P4</i> is displayed	<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. 5-11 • Check to see if the pre-filter is clogged. → Clean according to the maintenance procedures. 23
<i>A1, A6, or E0</i> through <i>E8</i> is displayed	<ul style="list-style-type: none"> • Malfunction → Take note of the error message, unplug the power cord, and seek service assistance using the number on the next page.

Troubleshooting

• If the symptoms persist even after following the prescribed remedies, or the error message does not disappear, unplug the power cord, and seek service assistance using the number on the next page.

Specifications

Model	MJ-E16VX-S1
Power supply	Single phase 220-240V 50Hz
Dehumidifying capacity	16 L/day
Power consumption	275W
Water tank capacity	stops automatically at approx. 4.0L
Weight	11.7kg
Dimensions (h × w × d)	570mm × 384mm × 187mm

- ☞ The dehumidifying capacity is a value obtained when the dehumidifier is continuously run at a room temperature of 30°C and humidity of 80%. It indicates the amount of dehumidification per day (24 hours).
- ☞ Standby power approximately 1.5W.

NOTE



This symbol mark is for EU countries only.
This symbol mark is according to the directive 2002/96/EC Article 10 Information for users and Annex IV.

Your MITSUBISHI ELECTRIC product is designed and manufactured with high quality materials and components which can be recycled and reused.
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