

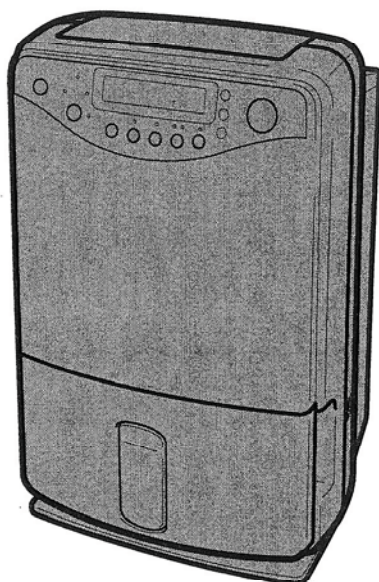
MITSUBISHI ELECTRIC **MITSUBISHI ELECTRIC DEHUMIDIFIER**

MODEL

MJ-E20PX-A1 **INSTRUCTION MANUAL**

Features

- Powerful dehumidifying
- Wide Angle Swing Louvre
- Laundry Operation



- 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.

Printed on the recycled paper.








Protecting our environment and
enriching our lives by saving energy

Table of Contents

Table of Contents		Page
● Precautions	2	Before using the unit
● Warning	5	
● Names and Functions of Parts	6	
<hr/>		
● Various Ways of Using Your Dehumidifier	8	Operating
● Before Using Your Dehumidifier	9	
● Turning the Unit On and Off		
Operating	9	
Switching the Operation Mode	10	
Changing the Swinging Direction	12	
To Stop the Operation	13	
Tank full light	13	
High humidity warning	13	
Defrosting operation “DEF”	14	
Cold light	14	
If you want to turn off the back light	14	
● How to Use the Child Lock Function	15	
● Using the Timer	16	
● Moving the Unit	18	
● Removing Water from the Tank	18	
● Continuous Drainage of Water	19	
<hr/>		
● Maintenance		Troubleshooting
Cleaning	20	
Fortnightly Checks	20	
● Replacing the Air Purifying Filter	21	
● Storage	21	
● Troubleshooting	22	
● Specifications	24	

Precautions

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

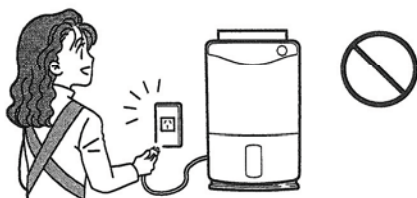
 Forbidden	 Do not disassemble	 Always follow the instructions
 Keep away from fire	 Do not subject to water	



WARNING

Mishandling may result in fatal or serious injuries.

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



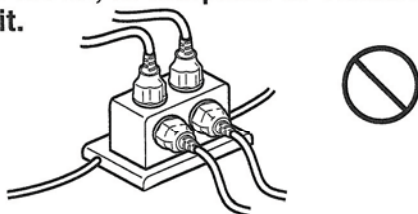
This may result in **fire and/or electric shock**.

Do not put your fingers or any long object, into the air outlet and inlet. Please do not touch the swing louvres.



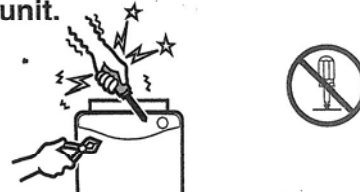
The internal fan rotates at a high speed, and thus such an action may result in an **injury or malfunction**.

Do not use any relay connections, extension cords, or adapters to connect this unit.



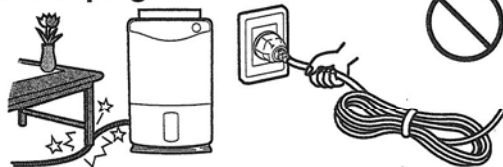
This may result in **fire and/or electric shock**.

Do not attempt to repair, take apart, or modify the unit.



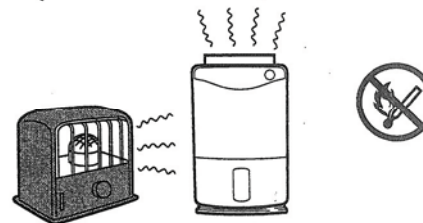
It may result in **fire and/or electric shock**. Refer servicing to your dealer or authorised Mitsubishi Electric Service agent.

Do not damage or modify the power cord or plug.



Do not tamper with, tie or twist the cord. Do not place heavy items on the cord or subject it to heat. This can 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 **causing fire**.



WARNING

Use 230-240V AC power point.

Connecting to power point other than 230-240V AC may result in **fire and/or electric shock**.



Remove water that has collected in the tank.

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

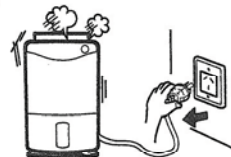


Wipe dust off the power plug and insert the plug firmly.



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

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



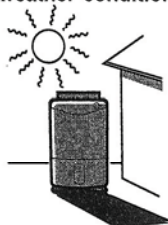
Continuing to operate a malfunctioning unit may result in **fire, electric shock, and further malfunction**. Contact your dealer or authorised Mitsubishi Electric Service agent for consultation.



CAUTION

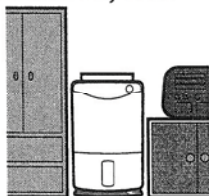
Mishandling may result in injuries or damage to your property, e.g. your room, equipment, etc.

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 by short-circuiting, or plastic discolouration**.

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 the unit where it is likely to come in contact with water.



Exposure to water may result in **fire or electric shock** caused by a leak of electricity.

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

Such a leakage around the unit may cause combustion and fire.



Do not use the unit in places subject to chemicals (in hospitals, factories, laboratories, beauty salons, etc.).

Drugs and solvents evaporated in the air may negatively affect the unit and cause the tank water to leak.

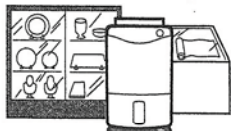


Precautions



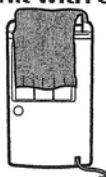
CAUTION

Do not use the unit for special purposes such as preservation etc. of food, art works, scientific works, etc.



This may deteriorate the quality of the items stored.

Do not cover the air inlet or the air outlet on the back of the unit with cloth, curtain, etc.



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

Do not put flower vases or any other objects filled with water on the dehumidifier.



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

Do not sit or stand on the unit.



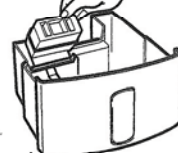
The unit which stands on castors may move and fall over, resulting in an injury.

Do not wash the unit with water.



It may cause an electric shock.

Do not remove the Styrofoam from the floating element.



The floating element will not be able to detect full tank resulting in water leakage which may damage the surrounding objects (carpet, furniture, etc.), cause electric shock and/or leakage of electricity.

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



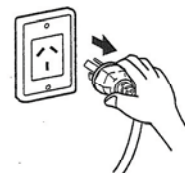
Water inside the hose may freeze and prevent the water in the drainage tank from flowing out. The water may leak from the unit and damage surrounding objects.

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

If the unit falls over, the water collected in the drainage tank may leak thus damaging surrounding objects (carpet, furniture, etc.) and in turn result in fire or electric shock caused by a leak of electricity.



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



When on, the internal fan rotates at a high speed and may cause an injury.

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

Moving the unit with water in its tank may cause the water to leak and damage the surrounding objects (carpet, furniture, etc.) and in turn result in electric shock and/or a leak of electricity.





CAUTION

Before moving the unit, empty the drainage tank, then firmly grasp the handle and move the unit on its castors.



Otherwise the unit may fall over and cause an **injury** or **damage the floor**.

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



Otherwise it may cause **fire** or **electric shock**.

In case of continuous drainage make sure to set the hose so that the water is drained without obstruction.



The water in the tank may leak and **damage the surrounding objects (carpet, furniture, etc.)**.

When using the unit after it has been stored for an extended period of time or when draining water continuously with no assistance, inspect fortnightly.



If there are foreign objects in the hose, it may **result in a water leakage and/or heat generation**.

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



- The appliance is not intended for use by young children or infirm persons without supervision;
- Young children should be supervised to ensure that they do not play with the appliance.

Warning

Keep the unit in upright position only.

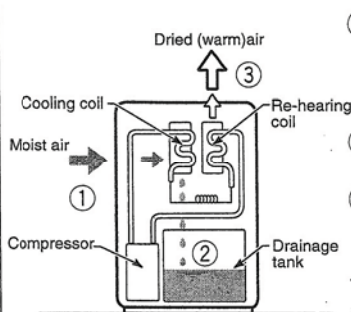


Inclining the unit may cause water in the tank leak into the unit **resulting in malfunction**. Should you incline the unit accidentally, contact your nearest dealer in order to discuss the matter.

Do not carry the unit horizontally. It may **result in malfunction**.

How your dehumidifier works

If you pour cold water into a cup, the air around gets cold causing water drops to form on the surface of the cup. The dehumidifier takes advantage of this phenomenon to remove moisture.

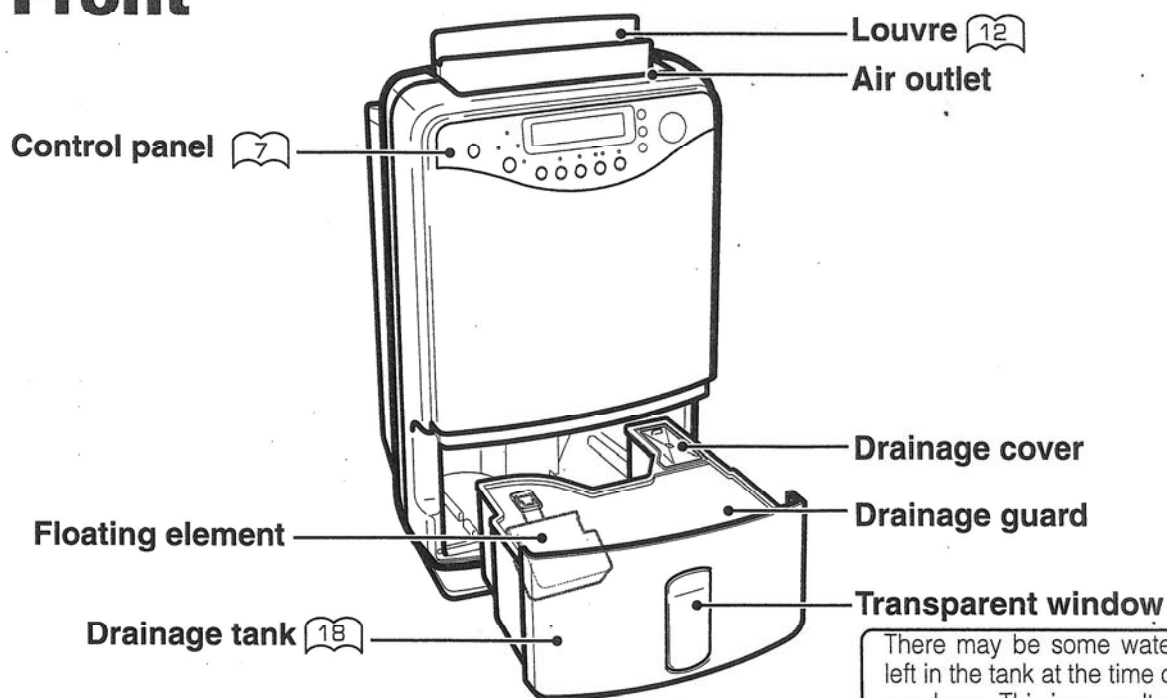


- ① The unit sucks in the room air, cools the air down with its cooling coil, then transforms moisture into water drops.
- ② The water drops fall into the drainage tank.
- ③ The dehumidified air is re-heated by the heating coil, and then discharged.

Your room's humidity is thus removed by repetition of steps ①, ②, and ③.

Names and Functions of Parts

Front



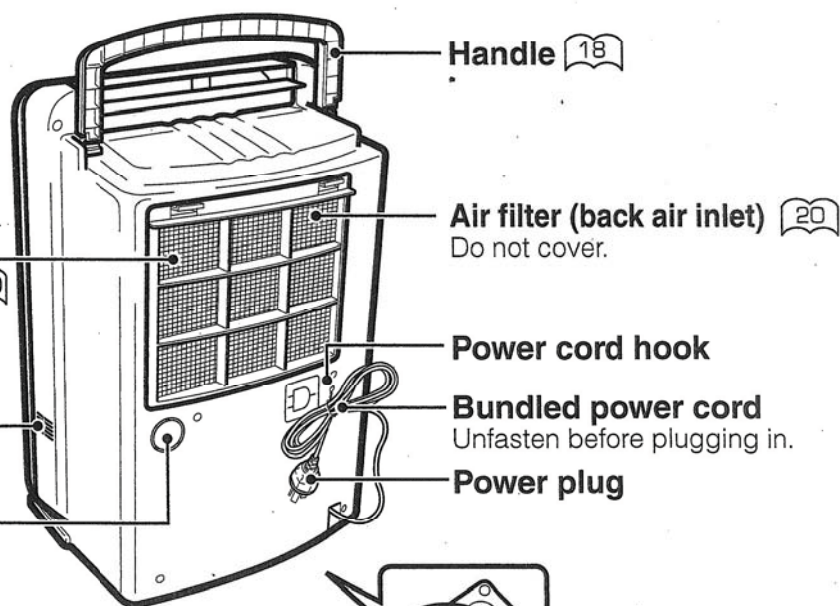
There may be some water left in the tank at the time of purchase. This is a result of the factory test and not a malfunction of the unit.

Back

Air purifying filter (Packed separately) 9-20
Set inside the air filter.

Sensor
Do not cover.

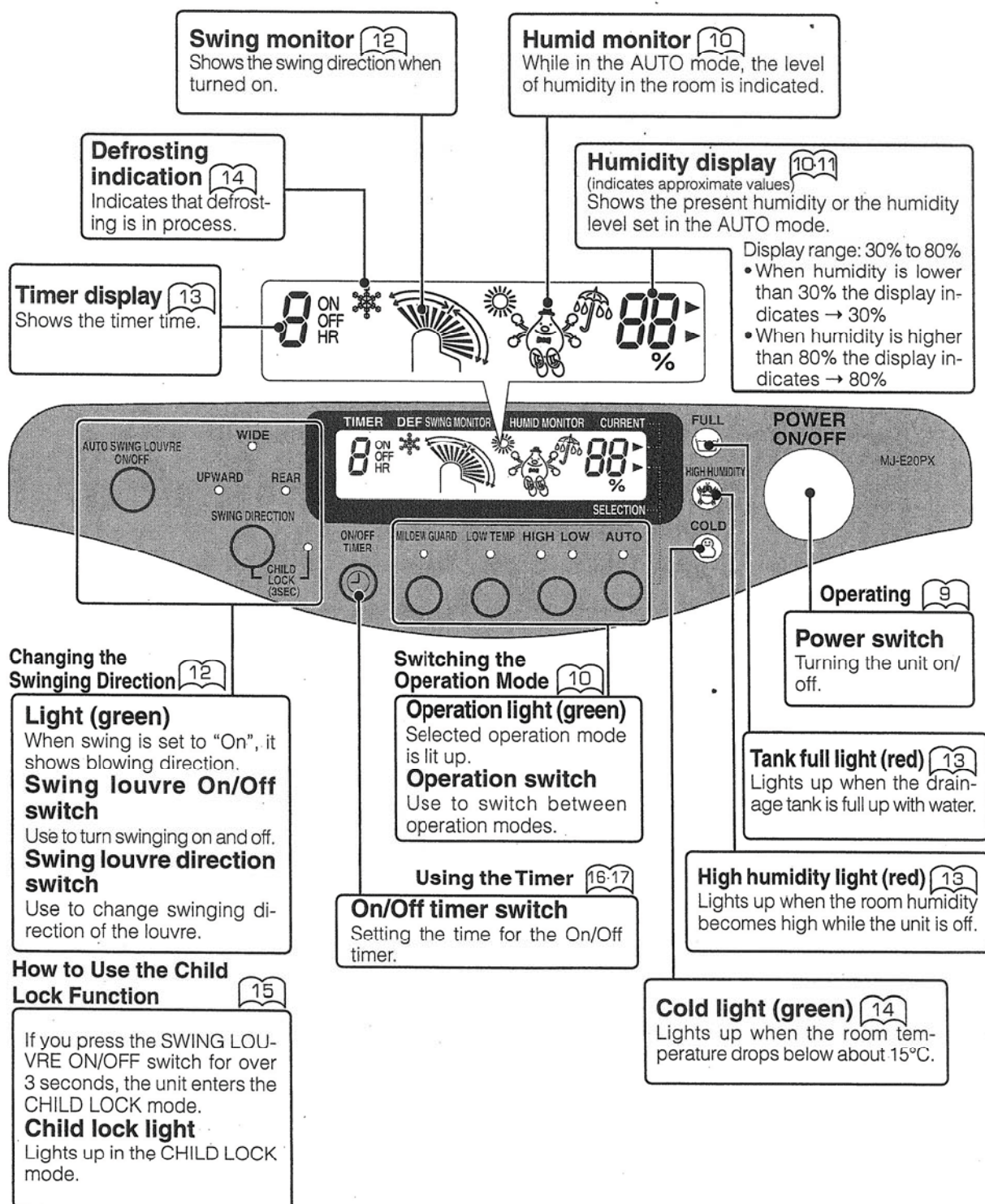
Continuous drainage port 19



Casters (4) 18

Control Panel

The LCD panel provides an explanation of all operations. When the unit is switched on, the LCD panel displays the current status (backlighting). 14



Various Ways of Using Your Dehumidifier

Make sure to efficiently use the combination of the louvre ¹² and the operation modes ¹⁰.

● To dry your laundry

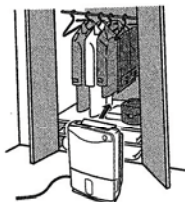
Set the swing louvre towards the laundry and you will be able to dry it quickly.



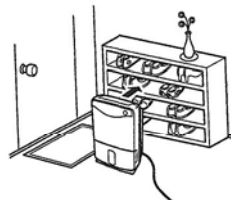
(The air blows strongest from the front right side of the unit.)

In lower temperatures, the drying process takes approximately twice as long. (Note: It depends on the condition of the laundry and the room.) It is recommended that you use the LOW TEMP operation mode while in low temperature.

● To remove moisture from closets and other enclosed spaces



Put the unit in a position where its back faces the closet so that the air-flow from the swinging louvre (back) is directed towards the closet.



Set the unit so that the air-flow from the swinging louvre (back) faces the subject material.

● To prevent condensation

With the wide range of the swing the unit removes humidity from the whole room.



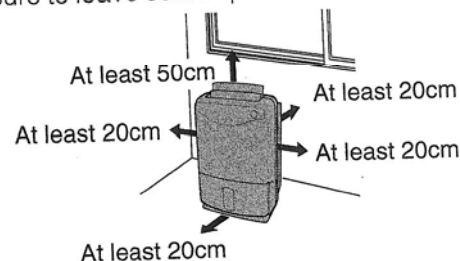
● When you have musical instruments which are sensitive to the humidity level

The unit removes humidity using its AUTO mode.



● About installing your dehumidifier

Make sure to leave some space around the unit.



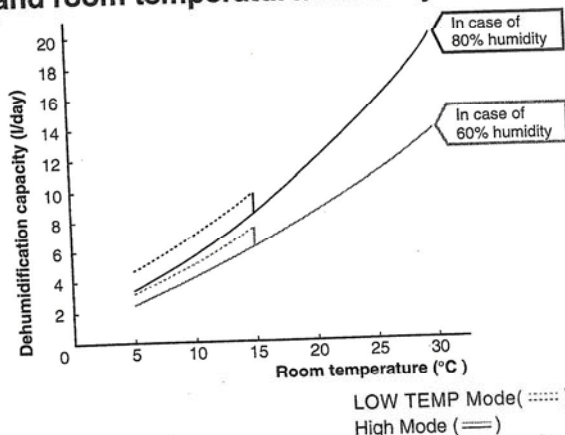
● When the operation noise is too loud

Place a mat etc. under the unit in order to reduce vibrations and noise. It will also minimize uneven areas of flooring, carpets etc.

Relationship between dehumidification and room temperature/humidity

The lower the temperature and humidity, the smaller is the quantity of water collected as shown on the graph.

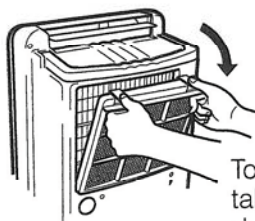
The dehumidification quantity values shown on the graph were measured at constant temperature and humidity, and do not reflect the actual usage conditions.



Before Using Your Dehumidifier

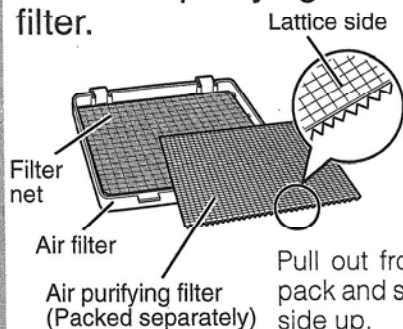
Set the filter

- 1 Remove the air filter.



To remove, press the tabs on the air filter downwards.

- 2 Install air purifying filter in the air filter.

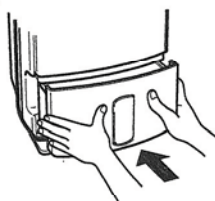


- 3 Attach the air filter.



Insert the lower tabs into the main unit, then press the air filter until the tabs click into place.

Checking the drainage tank



Make sure that the drainage cover is firmly set in the unit. Upon confirmation, press in with both hands.

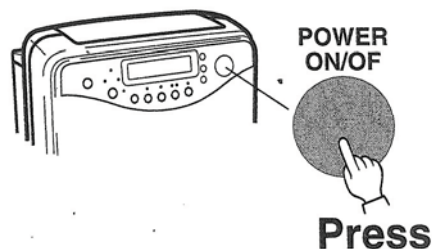
Plug the power cord into the power point

Use a 230-240V AC power point only.

- The current humidity level is indicated.

Turning the Unit On and Off

Operating



- The louvre opens automatically. (When the auto swing louvre is set to "Off", the louvre stops at an angle of approx. 90°.)
- The operation lights light up.
- The back lights light up.

(After unplugging and plugging, the automatic operation runs at the 60% level.)

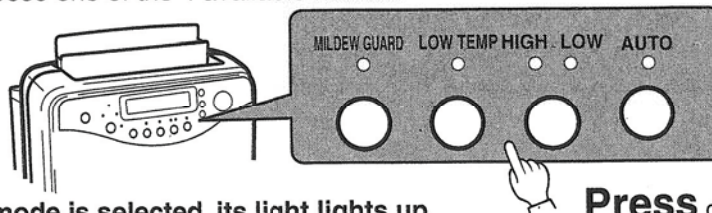
Dehumidifying does not occur for about 3 minutes after turning the unit on. (In order to protect the compressor.) When dehumidifying begins, the operational noise increases.

- Note**
- The lower the temperature and humidity, the weaker the dehumidification efficiency.
 - When the temperature is lower than 15°C, the unit enters defrosting mode, and water flows into the tank only once in approx. 40 minutes.
 - Dehumidification should be carried out in temperature ranging from 1°C to 40°C. Using the unit in temperature outside the range will overload the unit resulting in improper operation. Approx. 1°C or low → Only the air flow mode is operational. Over approx. 35°C → The fan speed becomes constant. The unit may sometimes stop for a while. Temperature in room where the dehumidification process is to be carried out with the louvre closed can be in the range of approx. 1°C a 35°C.
 - This dehumidifier has **no cooling function**. In fact it emits some heat causing the room temperature to rise by 2 to 4°C.
 - **About the air purification feature.** By setting the air purifying filter, the unit will constantly purify the air when the unit is in operation.

Turning the Unit On and Off (continued)

Switching the Operation Mode

You can choose one of the 4 available modes.



- When a mode is selected, its light lights up.

The unit automatically enters AUTO 60% after unplugging and plugging.

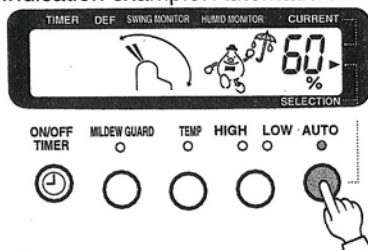
Press one of the switches

AUTO

In order to maintain a comfortable level of humidity

The unit operates automatically in order to maintain the set level of humidity. The condition of the air in the room is displayed on the humidity monitor.

Indication example: Automatic dehumidification at 60%



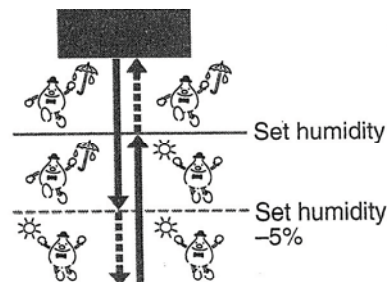
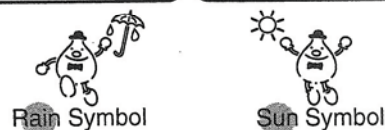
- Each time you press the switch, the target humidity level change in the following order:

70 → 65 → 60 → 55 → 50 → 45 → 40

- To confirm the target level of humidity, press the AUTO switch.
- After having started operation, the unit runs for 15 minutes regardless of the level of humidity in the room.

How to read the humidity monitor

Dehumidification on Dehumidification off

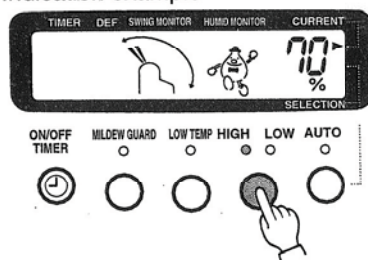


- When humidity falls below the set humidity level by more than 5%, the unit turns off.
- When humidity becomes higher than the set humidity level, the unit turns on.

High/Low To dry your clothes, etc.

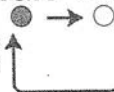
You can switch between the HIGH or LOW modes.

Indication example



- Each time you press the switch, the mode changes between HIGH and LOW.

HIGH LOW



HIGH Use for drying clothes, etc.

To enhance the process, turn on the louvre.

LOW When you want the quietest operation noise.

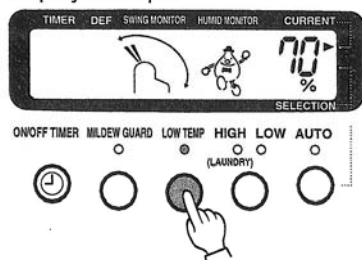
Note

- When you select a low dehumidification level (40% or 45%), depending on the size and condition of the room, dehumidification may not attain the target level.
- The operation noise may not change even when you change from the automatic operation mode to the LOW operational mode. This is because the air-flow (LOW) may already have been on during automatic dehumidifying operation.

LOW TEMP When temperature in the room is below 15°C

Depending on the temperature in the room, the unit may automatically change air-flow and enter the continuous operation mode. If temperature falls below approx. 15°C, the air-flow increases.

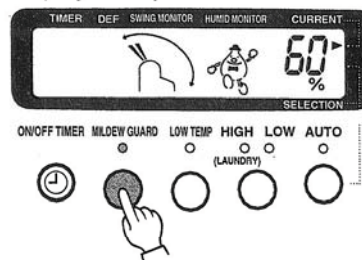
Display example



MILDEW GUARD To prevent mildew build-up

Mildew build-up can be prevented by automatically maintaining low humidity once a day (about 2 ~ 4 hours).

Display example

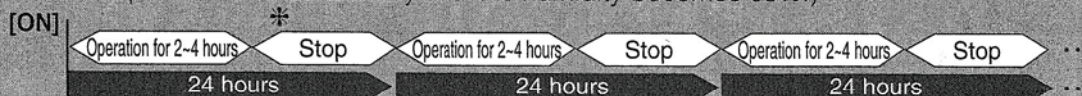


What is MILDEW GUARD?

When setting MILDEW GUARD to ON

When MILDEW GUARD is set to ON, the unit will operate so that low humidity is maintained for several hours, and then stop. This operation will be repeated every 24 hours.

(*When the humidity reaches 75% or higher while the MILDEW GUARD mode is stopped, the unit will resume operation and dehumidify until the humidity becomes 65%.)



Low humidity

(The unit will operate in one of the following, depending on the rate the humidity decreases. If the humidity does not decrease, the unit will continue operation.)

- The humidity is decreased to 35%. Then, humidity of 40% or less is maintained for 2 hours, and the unit stops.
- If the humidity does not decrease to 35%.
The humidity is decreased to 45%. Then, humidity of 50% or less is maintained for 4 hours, and the unit stops.

-- Fungal threads of mildew are vulnerable to dryness --

Drying mildew in a state as fungal threads prevents new spores (equivalent to seeds of plants) from being produced.

Mildew Guard function applied this feature.

(However, in a state of spores, mildew can be survived at dried place.)

Examined using aspergillus and penicillium

<Test data by Keiko Abe Ph.D, Environmental Biology Research Laboratory>

Note

- Keep the room closed when MILDEW GUARD is operating so that humidity can be decreased faster. (Close doors and turn off ventilation fans.)
- Mildew may build up depending on the conditions of the room or the type of mildew. (Conditions of the room: when there is condensation in the room, when using the unit in a bathroom, or when using the unit in a poorly ventilated area such as in the back of a closet, behind furniture, etc.)
- Already existing mildew cannot be removed.
- You will not obtain any results if switching the unit to another mode while MILDEW GUARD is in operation. Do not use other operation modes (OFF timer, automatic dehumidifier, constant dehumidification, condensation prevention).
- The unit will stop operating when the tank becomes full during MILDEW GUARD operation. In this case, you will not obtain any results.

Changing the Swinging Direction

1 Turn on the louvre.



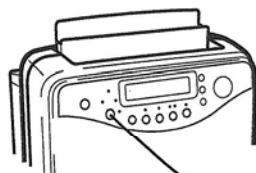
AUTO SWING LOUVRE
ON/OFF



Press

- The louvre starts to swing.
- The swing monitor is displayed.
- The SWING DIRECTION light lights up.

2 Switch between different blowing directions.



WIDE
UPWARD REAR

SWING DIRECTION



Press

- The mode changes each time you press the switch.
(The direction changes 3 seconds after pressing the switch.)

When you unplug, then reconnect the power plug, the louvre movement is off.

How to read the Swing Monitor

The monitor shows the range of movement of the louvre. (Note that the movement of the monitor display does not necessarily reflect the movement of the louvre.)

● WIDE

When you want to dehumidify the whole room



● REAR

When you want to dehumidify your closet, etc.



● UPWARD

When you want to dry your clothes, etc.



How to stop the louvre

AUTO SWING LOUVRE
ON/OFF



Press

- The louvre stops.
- The swing monitor disappears.
- The SWING DIRECTION light turns off.

To stop the louvre at a desired angle

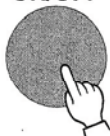
Set the louvre to the Wide Angle mode, then turn it off when it is at the desired angle.

Note

- Depending on the blowing direction, the air flow noise may change.
- At times the louvre stops for a short while in order to adjust its positioning, however it will immediately restart when it has finished adjusting.
- Should you happen to touch the louvre with your hand or some other object and as a result change the louvre's swinging angle, first stop the louvre's swinging movement, then restart the swinging movement.

To Stop the Operation


POWER
ON/OFF

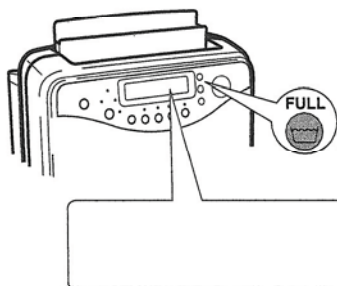


Press

- The louvre closes automatically.
- The operation light turns off.

Tank full light

When the drainage tank is full up with water, the unit stops automatically, and the Tank Full lights up. Refer to "Removing the water" to remove the water from the tank. 

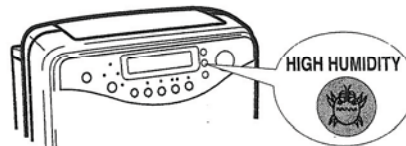


- The **FULL** lights up
- The temperature and humidity indications disappear
- The air flow stops (but the louvre remains open)

- After having removed the water and reattached the tank, the FULL light will go off, and the unit will automatically re-enter the operation mode.
- While the Tank Full lights up, no operation but ON/OFF is available.

High humidity warning

The high humidity lights up in case of excessive humidity (approx. 75%* or higher, this symbol will light up even if the unit is switched off).



If the HIGH HUMIDITY feature is not to be used, pull out the power plug from the power point.

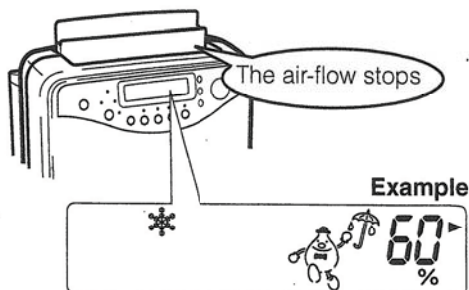
Current Level of Humidity

The unit's display indicates the current relative humidity of the air as it is processed in the dehumidifier. You may find that this differs from other hygrometers in the room. This might be due to slightly different local temperature, poor calibration or different air-flow.

*What is relative humidity
Relative humidity is the mass of water vapor present in the air expressed as a percentage of the mass that would be present in an equal volume of saturated air (100%) at the same temperature.

Defrosting operation "DEF"

Sometimes it may happen that, while the unit is on, the * mark will appear, the fan will stop blowing, followed by a change in the operation noise. This is not a malfunction. It is caused by the self-defrosting mode which is activated automatically by the unit in order to remove frost from the unit's inside. Should this happen, please allow the unit a while to perform the procedure. After defrosting is completed, the unit will switch back to the original operation mode.

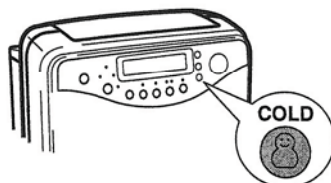


- * appears.
- The air-flow stops. (The louvre stops.)
- The operation noise changes.

When the temperature in the room falls below 15°C, the unit automatically performs the operation. (Once every 40 minutes (maximum) for 5 minutes a time.)

Cold light

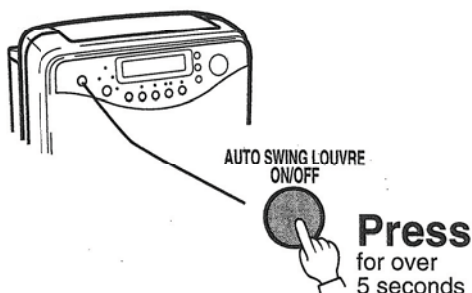
The light lights up if the room temperature drops below 15°C when the unit is on. By setting the LOW TEMP mode on when the light is lit, the dehumidifying efficiency increases. This way it is possible to maintain higher dehumidifying efficiency in low temperatures.



If you want to turn off the back light

You can turn off the back light of the display panel.

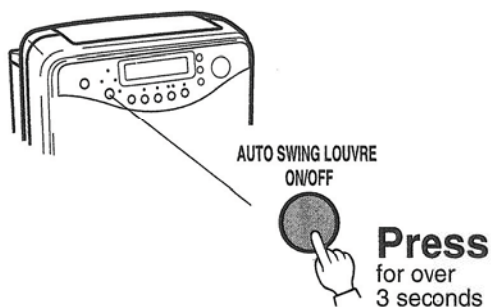
Press the SWING LOUVRE ON/OFF switch while the unit is turned off.



When you want to resume the back light of the panel, unplug, then reconnect the power plug.

How to Use the Child Lock Function

To lock



●The CHILD LOCK light is on.

After unplugging and plugging, the child lock function will be deactivated.

While the child lock is on, other switches do not function. When you want to operate the unit, first release the child lock.

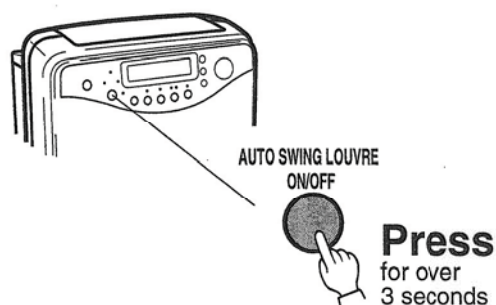
If you lock the unit when the POWER switch is OFF

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

If you lock the unit when the POWER switch is ON

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

To unlock



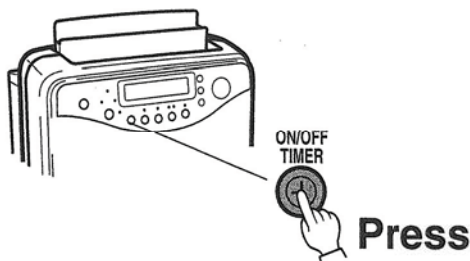
●The CHILD LOCK light goes off.

Using the Timer

Off Timer operation

The timer can be set for 1 to 9 hours.
Make sure to set the time when the unit is operating.

- 1 Make sure that the unit is operating.
- 2 Set the desired operation mode. 10
- 3 Set the movement of the louvre. 12
- 4 Set the Timer.



- [I] [HR OFF] are displayed when the switch is pressed.
- "1 to 9 hour" will be displayed every press of the switch. (keep your finger on the switch and the display changes.)

No indication
(Continuous operation) → 1 → 2 ... 8 → 9
→ The Off Timer setting is complete

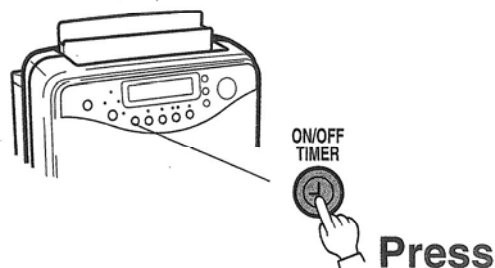
Automatic operation at the 60% level
Display example: Off timer set to 2 hours



- The remaining time to switch off the unit decreases by 1 every hour.
- When the set time comes, the unit turns off with the display of [HR OFF]. Press POWER ON/OFF switch to cancel the operation.

To cancel the Off Timer

Press the Timer switch until the remaining time disappears. (The unit goes back to continuous operation.)



- The Off Timer is cancelled.

Note

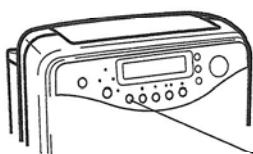
- You cannot set the Off Timer and On Timer at the same time.
- Should the drainage tank fill up with water while in the timer operation mode, the FULL light will light up and the unit will stop.
- In case of power failure after operation has been stopped with the Off Timer, when power supply is restored the unit enters the Auto mode-dehumidification 60% mode.

On Timer operation

The timer can be set for 1 to 9 hours.
Make sure to set the time when the unit is OFF.

1 Turn the machine off in operation (it must be plugged in, however).

2 Set the desired time.



ON/OFF
TIMER

Press

- Press once to indicate "1". The operation light blinks.
- Each time the switch is pressed, the time increases 1 hour. (1h to 9h)
(Keep your finger on the switch, the display starts to change automatically.)

No indication
(Operation "OFF") → 1 → 2 ... → 8 → 9

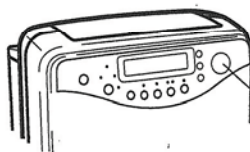
3 Set the desired operation mode.

10

4 Set the movement of the louvre.

12

5 Check the time of the timer.



POWER
ON/OFF

Press

- The remaining time, and the operation light blink → light up → The On Timer setting is completed.

The unit notifies that you forgot to press the Operation Switch by flashing the time display and the operation light along with sound alarm.

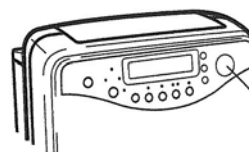
(The alarm signals beep beep → for 1 minute.)

Automatic operation at the 60% level
Display example: On timer set to 5 hours



- The remaining time to switch on the unit decreases by 1 every hour.
- When the set time comes, the unit turns on.

To cancel the On Timer



POWER
ON/OFF

Press

- The timer is cancelled.

Note

You cannot use commercially available timers for power points to turn on this unit.

Moving the Unit

Lift up the handle, then move the unit.




The unit may fall over if you try to press it any other way.

Always move the unit by rolling it on its castors. Before moving the unit, first make sure to remove water from the drainage tank and close the louvre.

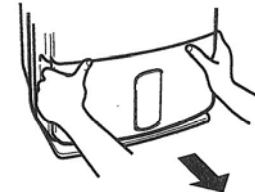
Note

- When moving this unit on its castors, make sure that the surface is hard and flat.
- Lift the unit up to move it where there is a different level on a floor such as threshold or steps. Avoid rolling the unit on castors on a long pile carpet. This can damage the surface of the carpet.

Removing Water from the Tank

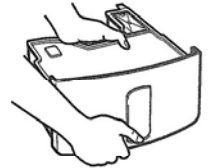
When the drainage tank becomes full (about 5.0 litres), the unit automatically stops, and the Tank Full light lights up . Remove water from the tank.

1 Remove the drainage tank.

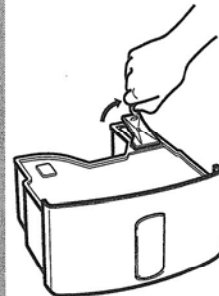


Hold the tank this way.

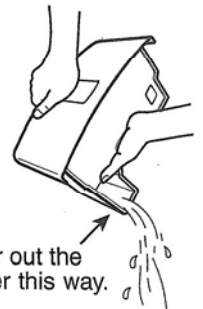
While gripping lightly on both sides of the tank with both hands, pull it gently out.



2 Remove the drainage cover, then remove the water.

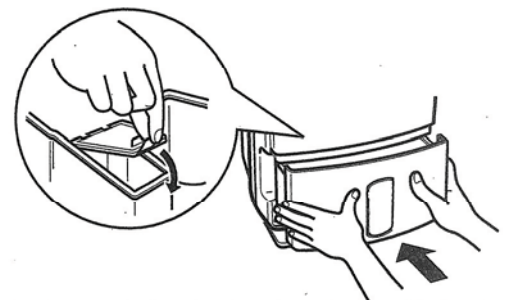


Do not remove or dismantle the floating element.



Pour out the water this way.

3 Reattach the drainage cover, then put back the drainage tank in place.



Firmly push the tank into place with both hands. If the tank is set incorrectly, the tank full sensor is activated and the unit cannot be switched on.

Continuous Drainage of Water

If there is a place nearby where water can be disposed into, the water in the drainage tank can be drained continuously through a commercially available hose (with an inside diameter of 15mm).

CAUTION

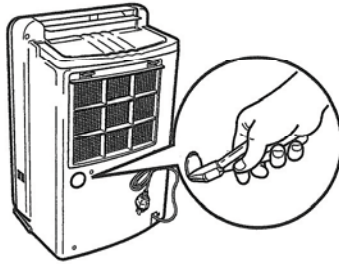


Do not drain water continuously if there is a possibility that temperature around the hose could drop to freezing point. Water inside the hose may freeze and prevent the water in the drainage tank from flowing out. The water may leak from the unit and damage surrounding objects.



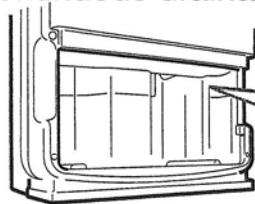
When using the unit after it has been stored for a while, or when draining water continuously for a long time with no assistance, check the unit once every two weeks. Foreign objects, etc. could clog the hose resulting in heat generation and/or a water leakage.

- 1 Remove the drainage tank, then open the continuous drainage port.

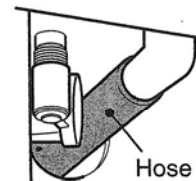
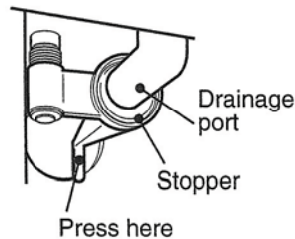


Use pliers to cut three fixing ribs of the continuous drainage port on the side of the main unit, then remove it carefully making sure that it does not fall inside the unit.

- 2 Insert the hose into the continuous drainage port.



While pushing the stopper, put a commercially available hose (with the inside diameter of 15 mm) through the continuous drainage port hole, then push it firmly onto the drainage port.



Make sure that water does not leak.

- 3 Set the tank back in its place.

Check the hose periodically to make sure that it is firmly connected to the port and has not deteriorated. It is recommended to inspect the unit every fortnight.

(Foreign objects, such as insects, dirt, etc. could clog the hose resulting in a water leakage and/or malfunction.)

How to fix the drainage hose



If any point of the hose is bent up, the unit's tank full detector will activate, and subsequently stop the unit making the continuous drainage operation impossible. It may also cause water leakage and/or electric shock.

Maintenance

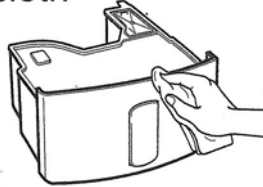
Do not use gasoline, benzene, thinner, polishing powders, chemically treated dustcloths, detergents, or other solvents, as they can damage the unit and the drainage tank, and may result in water leakage.

Cleaning

Drainage tank

When the unit operates it sucks in various dust particles that are present in the air. Over time this may cause the tank to become dirty. Wash the tank with cold or warm water, then wipe it with a dry soft cloth.

Wipe it with a soft cloth



Main unit

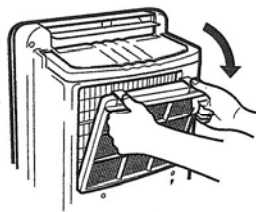
Wipe the casing with a soft cloth.



Fortnightly Checks

Air filter

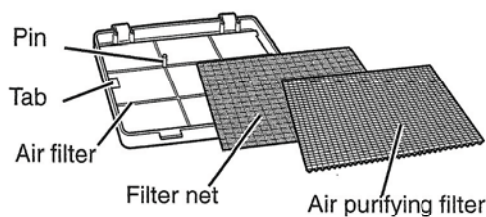
1 Remove the air filter.



To remove press downwards the tabs on the air filter.

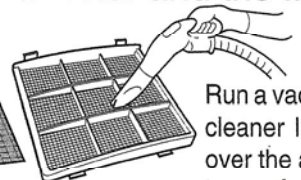
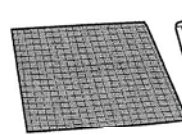
If the metal fin inside the main unit is slightly bent, the units performance is not affected.

2 Remove the filter net and the air purifying filter.



An air purifying filter cannot be washed in water. Replace the air purifying filter when it becomes dirty.

3 Clean the air filter and the filter net.

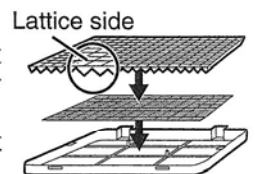


Run a vacuum cleaner lightly over the air filter surface to remove the dirt.

If the air filter is very dirty, wash it with a lukewarm mild detergent solution, then dry it thoroughly.

4 Put the filter net and the air purifying filter back in the air filter.

- Snap the filter net onto the air filter pins.
- Hold the filter net with its surface up, then put it into the air filter.



5 Attach the air filter.



Insert the lower tabs into the main unit, then press the air filter until the tabs click into place.

Replacing the Air Purifying Filter

Replacing the Filter

When to replace

Replace the filter when it becomes dirty (brownish) with cigarette smoke, dust, etc.

Generally one filter should last for approx. 6 months. (It depends on the usage condition.)

The air purifying filter is disposable.


Make sure to replace the filter when it becomes dirty. (The filter cannot be washed and reused.)

The filter net is not disposable.

The filter net can be reused. It prevents dust particles, etc. from entering the inside of the unit. Never operate the unit without the filter net.

Replacing the air purifying filter

Remove the air filter, remove the air purifying filter, then reattach the air filter.

Refer to section "Maintenance".  20

Parts sold separately

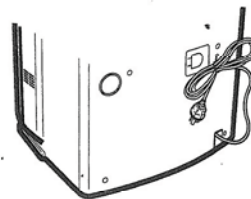
Air purifying filter for replacement


- Type: MJPR-PXFT
- Type code: 5C5 811

For these items contact your nearest Mitsubishi Electric dealer.

Storage

- 1 Bundle the power cord and attach it to the power cord hook.



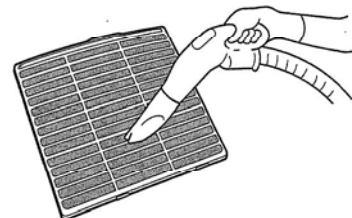
- 2 Remove all the water left in the drainage tank.  18



Wipe away all remaining drops of water.



- 3 Clean the air filter and the filter net.  20













- 4 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 upright position in a place not exposed to direct sunlight.











Troubleshooting

● Should any of the SYMPTOMS listed below occur, check the CORRECTIVE ACTION column to locate and remedy the problem.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
The unit does not operate.	Power cord is not connected.	Plug the power cord to a power point.  9
	The Tank Full light lights up (the drainage tank is full).	Remove water from the drainage tank, then place the tank back in the unit.  13-18
	The drainage tank is not installed properly.	Remove water from the drainage tank, then properly place the tank back in the unit.  20
Dehumidifying does not function.	Air filter is clogged.	Follow the instructions of "Maintenance".  20
	Air outlet and/or inlet are blocked.	Remove any object that may be blocking the air outlet and/or inlet.  4
Water does not accumulate in the drainage tank.	The humidity level and/or temperature are low.	Check the humidity level. If the humidity level is low, dehumidification efficiency decreases.  8
No air being discharged.	Air filter is clogged.	Follow the instructions of "Maintenance".  20
Operation is noisy.	The unit is badly installed (it is tilted, unsteady).	Install the unit in a location where the floor is stable and strong.  4
	Air filter is clogged.	Follow the instructions of "Maintenance".  20
<i>R2</i> is displayed.	Power plug is not firmly inserted in the socket.	Plug it in firmly.
<i>P4</i> is displayed.	Air outlet is blocked.	Remove any object from the louvre. Plug the power cord firmly in the socket.
	Air filter is clogged.	Follow the instructions of "Maintenance".  20
<i>EO-EB, A1, A6</i> is displayed.	Malfunction.	Unplug the unit from the power socket, then contact your dealer and inform them about the display contents.

Should the problem persist or the Malfunction Display remain on after having checked the above list, turn off the unit with the Power switch, unplug the power cord from the power point, and contact your dealer.

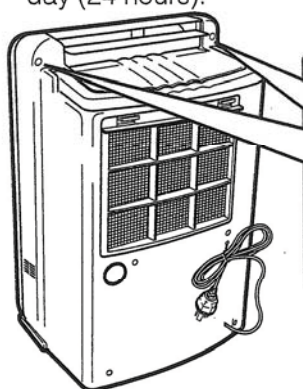
●The following SYMPTOMS do not indicate malfunction.

SYMPTOM	CAUSE
The operation noise suddenly increases during use.	The operation noise increases when the compressor is activated (3 minutes after the power switch is turned on, or during automatic operation, or during defrost mode.).
The air is smelly at the beginning of operation.	This may happen for a while when temperature of the heat exchanger rapidly increases.
Air discharged is warm.	Before dehumidifying, the air is first cooled down, then re-heated, therefore the discharged air is warm.  5
The room humidity does not reach the set level.	The room is too big. Windows and doors are opened too frequently. A gas heater which produces moisture is being used.
No dehumidifying. No air discharged. Louvre does not swing (when its movement is activated).	Defrosting mode is on. The unit starts after the defrosting operation is finished.  13
	Automatic operation mode is on. Operation stops when the room humidity drops below the set level.  10
	Is MILDEW GUARD in operation?  11
Low or no dehumidifying.	This may happen when the room temperature/humidity is low. (In winter, when the air is dry, humidity decreases, and dehumidification is almost impossible.)  9
Louvre angle and/or movement is strange.	Press again the Swing louvre switch.  12
Noise that accompanies the discharged air changes dramatically.	The noise changes dramatically depending on the louvre angle.  12
Operation noise reverberates.	It may happen when using the unit between pieces of furniture or in a narrow room.  8
Rumbling or other strange sounds are made by the unit when starting, stopping operation, or changing modes.	The refrigerant may be producing strange noises before its circulation stabilizes.
Compressor does not work. Noises, such as "boom" can be heard sometimes.	To protect the compressor, it turns off immediately when the unit is turned off, or for 3 minutes after plugging in the power cord.
	The compressor is off when in the automatic operation mode the room humidity drops below the set level.  10
Fluid or white deposit left after evaporation can be found in the drainage tank.	This is the remainder of water which accumulated in the tank during the unit test run at the factory, and is not a malfunction.
The humidity level shown on the unit display and that shown on a hygrometer are different.	The humidity level differs depending on where it is measured even in the same room. The humidity level values indicated on the panel of this unit are approximate.  11

Specifications

Model	MJ-E20PX-A1
Power supply	Single phase 230-240V 50Hz
Dehumidifying capacity	20 litres/day
Power consumption	380W
Drainage tank capacity	stops automatically at approx. 5 L
Mass	13.7kg
Dimensions (h × w × d)	569mm × 360mm × 281mm
Accessories	Air purifying filter

- Dehumidifying capacity is a value obtained when the dehumidifier was continuously run in a room with temperature of 30°C and humidity of 80%. It indicates the amount of dehumidification per one day (24 hours).



NOTE

It is impossible to remove the back panel because the two spots shown on the back figure are fastened with two special screws.
When the unit is out of order, contact your Mitsubishi dealer:

Distributed and guaranteed throughout New Zealand by:

MELCO NEW ZEALAND LTD.

Auckland

Unit 1, 4 Walls Rd.
PO Box 12726 Penrose
Auckland
Phone 09 5269340
Fax 09 5253116

Wellington

1 Parliament St.
PO Box 30772
Lower Hutt Wellington
Phone 04 5609100
Fax 04 5609131

Christchurch

37 Mandeville St.
PO Box 1604
Phone 03 3417052
Fax 03 3417054

Distributed throughout Australia by:

MITSUBISHI ELECTRIC AUSTRALIA PTY LTD.

(INCORPORATED IN NEW SOUTH WALES)

ABN 58 001 215 792

New South Wales

348 Victoria Rd.
Rydalmere 2116
Phone: (02) 96847555

Queensland

Unit 1, 104 Newmarket Rd.
Windsor 4030
Phone: (07) 33578877

Western Australia

329 Collier Rd.
Bassendean 6054
Phone: (08) 93773400

South Australia/ Northern Territory

77 Port Rd.
Hindmarsh 5007
Phone: (08) 83402000

Victoria/Tasmania

Unit 4, 303 Burwood Hwy.
East Burwood 3151
Phone: (03) 92629855

Fill in the following for your future reference.

Place of purchase:

Telephone number:

Date of purchase:

Day

Month

Year