

DEHUMIDIFIER

MODEL

MJ-E15BX-A1 INSTRUCTION MANUAL

Features

- Cool/Warm Air Drying System
- Clothes Deodoriser
- Spot Cooling Air Flow
- Silver ion sterilizing and deodorizing filter
- Easy Dehumidifying
- Intelligent laundry



Table of Contents	page
Before using the unit	
Recommended Ways of Using the	Unit ··· 2
Features of this dehumidifier	3
Precautions	4
Warning	6
Names and Functions of Parts	7
Before using your dehumidifier	10
Operating	
Drying Laundry	12
Tips on Drying Laundry	
Dehumidifying	14
 Condensation prevention and cold 	
(Spot Air) ······	
Using Louvre	
Using OFF Timer	
Using Child Lock	17
Removing Odour from Clothes	18
(Clothes Deodoriser)	
Internal Drying Operation	
Draining	
Continuous Drainage	21
Troubleshooting	
Maintenance	22
Replacement Parts	24
Storage and Disposal	25

- 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.

Recommended Ways of Using the Unit

Drying laundry

When you want to perform automatic Intelligent Laundry operation

- When there are a lot of clothes
- When you want to dry thick clothing quickly

When you want the unit to operate continuously

When there are a lot of clothes



LAUNDRY P.12



Removing odour from clothes

 When you want to remove odours that have absorbed into clothing.

DEO-DRY P.18



Dehumidifying the room

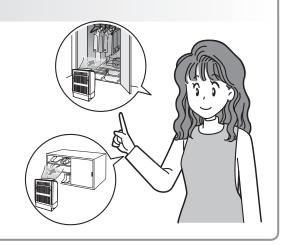
When you want to perform automatic operation

Standard dehumidifying

When you want to perform continuous operation

- When you want to dehumidify the inside of closets or shoeboxes
- Prevent condensation on windows





Cooling slightly the air (spot air)

 When you want slightly cooler air when the room temperature is too warm

SPOT AIR P.15



Features of this dehumidifier

Room temperature may rise 2-4°C during operation

The dehumidifier is not capable of cooling or warming a whole room. Due to heat produced during operation, the room temperature may rise. As a result, the unit may blow warm air, but this is not to a malfunction.

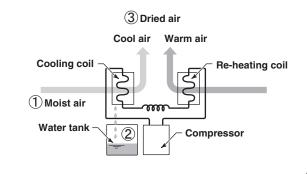
How does the dehumidifier work? Dehumidifier cycle

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 Air passed through the re-heating coil is heated and blown out from an air outlet. (The air outlet varies depending on the operating mode.)

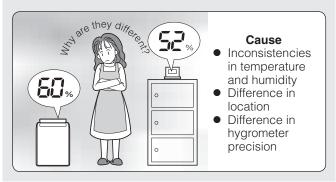
The humidity of the room is thus reduced by repeating steps (1, 2), and (3).



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.



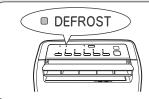
The unit can operate in a room temperature range of 1-35°C.

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

 If the temperature is below 1°C, the extracted water is close to freezing, disabling the dehumidifier, and only the blower is operational.

The defrosting operation is performed when the room temperature falls to 15°C or less

In all modes, the defrosting operation is performed automatically when the room temperature falls to 15°C or less. Approximately once every 40 minutes at its most frequent, the DEFROST lamp lights and airflow (dehumidifying) stops automatically, and then the frost that has accumulated inside the unit will be melted and dropped into the tank. Normal operation will resume several minutes after defrost cycle begins.

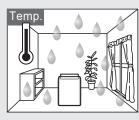


- Airflow stops after air is blown for approximately 2 minutes.
- The operation sound changes

The dehumidifier collects less water in winter.

In winter, because the temperature is generally 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)

When the humidity is 80% and the value is HIGH

Output

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

recautions

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



Mishandling may result in fatal or serious injuries.



Mishandling may result in 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



Always follow the instructions





Do not subject to water



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.)







Do not use extension cords or multiple head adapters.



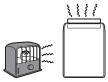
This may result in fire, electric shock or malfunctions

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 insert your fingers, objects, or things that burn easily such as paper into an air outlet or air intake. Do not touch the swing louvre.



There is an internal heater, and such actions may result in a fire, electric shock, burn, or malfunction. Also, the internal fan rotates at high speeds, and such action may result in an injury or malfunction

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 Flectric Service Centre.

Exclusively use 230 to 240 V AC power sockets for the power supply.



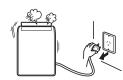
Failing to do so may result in a fire and/or electric shock.

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



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

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





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

Remove water that has collected in the tank.



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

ACAUTION

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.

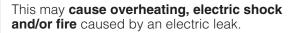
Water may leak into the unit adversely affecting electric insulation and **cause electric shock and/or fire** by short-circuiting.

Do not wash the unit with water.

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 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.)



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 air outlet.



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

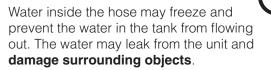
Do not remove the Styrofoam from the floating element.



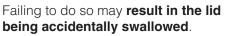


The floating element will not be able to detect a full tank resulting in water leakage, which may damage surrounding objects or cause electric shock and/or an electric leak.

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



Keep the continuous drainage lid (P21) out reach of children.







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

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



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



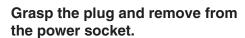
Moving the unit with water in its tank may cause the water to leak and damage the surrounding objects and in turn result in electric shock and/or an electric leak.

After emptying the tank, transport the unit by grasping

the handle firmly.



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







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



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

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



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

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



- 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 appliance.

Warning

- Keep the unit always in an upright position.
 Inclining the unit may cause water in the tank to leak into the unit, resulting in malfunction. Should you incline the unit accidentally, contact the place of purchase for advice.
- Damage to the dehumidifier caused by atmospheric conditions (ie. Salt or Sulphur) will not be covered under warranty.

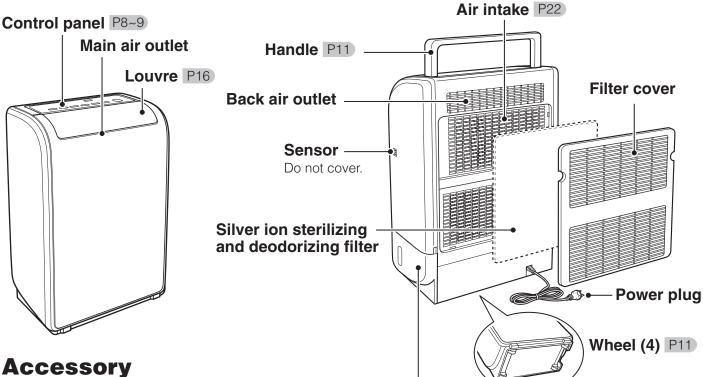
Do not carry the unit horizontally.
 This may result in malfunctions. Such malfunctions are NOT covered under warranty.



Names and Functions of Parts

Front

Back



 Silver ion sterilizing and deodorizing filter P22~23·24



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 a silver ion sterilizing and deodorizing filter?

The silver ion sterilizing and deodorizing filter is a filter consisting of fibres containing special deodorant and silver ion antibacterial agent (anti-allergen, anti-virus, and sterilization).

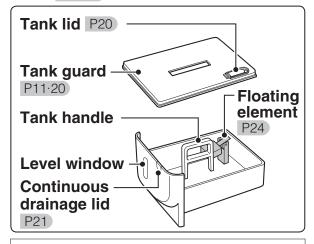
Cigarette smoke and toxins found in smoke, such as carbon monoxide, cannot be removed with this filter.



Operating noise

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

Tank P11.20



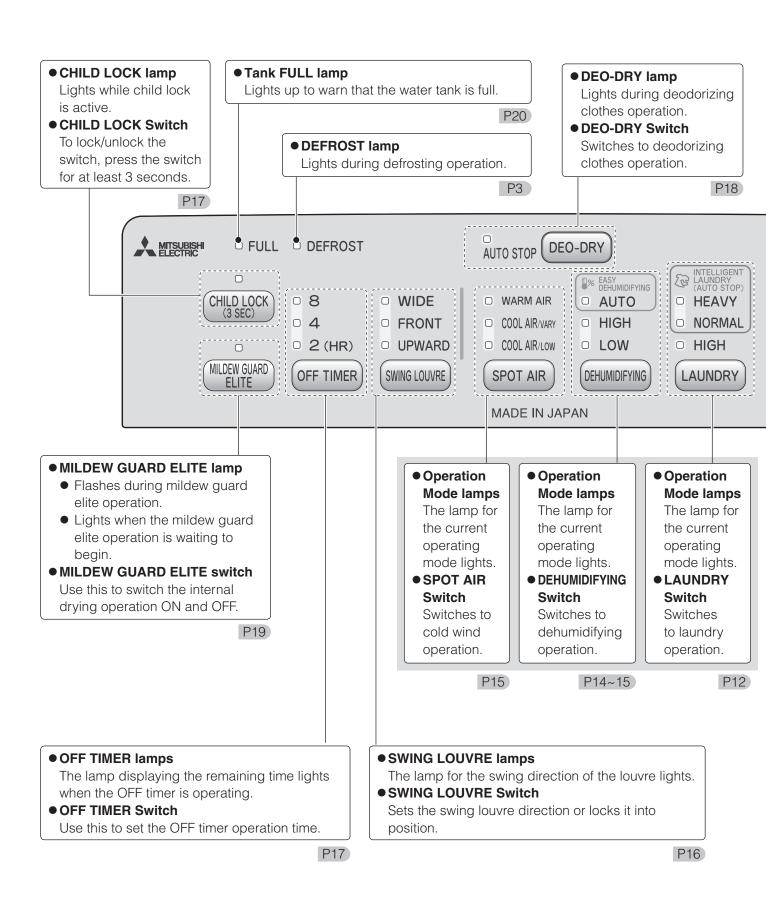
The water tank may contain water residue at time of purchase. This is from final product testing at the factory and is not due to a defect.

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:



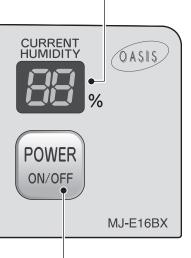
Names and Functions of Parts (cont.)

Control Panel



CURRENT HUMIDITY Indicator

This indicates the approximate current humidity (The current humidity is displayed in a range from 30 to 80%).

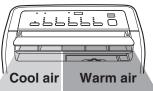


POWER ON/OFF Switch

Use this to turn the power ON and OFF.

P12·14

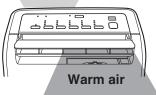
- The air outlets for warm air and cool air generated by dehumidifier cycle (P3) are switched automatically depending on the operating mode.
 - (LAUNDRY) HIGH
 - DEHUMDIFYING AUTO, HIGH, LOW



Cool air and warm air are blown from the main air outlet.

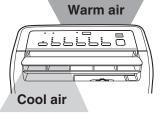
- (LAUNDRY) HEAVY
- SPOTAIR WARM AIR

Cool air



Warm air is blown from the main air outlet and cool air from the back air outlet.

• (SPOT AIR) COOL AIR/VARY, COOL AIR/LOW



Cool air is blown from the main air outlet and warm air from the back air outlet.

- (LAUNDRY) NORMAL
- DEO DRY

The air flow route changes automatically depending on the operation time and humidity state.

There may sometimes be a gentle clicking or rattling sound when the air flow route changes.

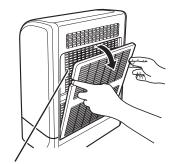
Before using your dehumidifier

Set the silver ion filter

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

Remove the silver ion filter from the polyethylene bag.

2 Remove the filter cover.

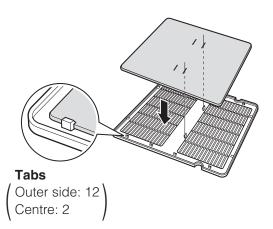


Pull forward to remove

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

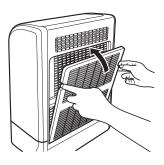
Set the silver ion filter into the filter cover.

Align the white net surface with the filter cover, set the filter inside the tabs, and fix the filter in the centre tabs.



Set the filter cover.

Insert the bottom tabs into the unit until they click.



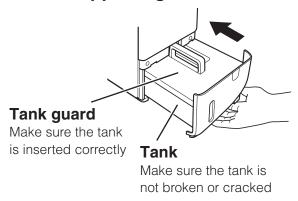
 Make sure the silver ion filter is attached to the unit.

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

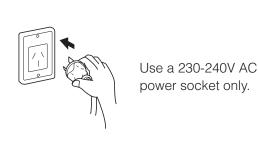
10

Inserting the water tank correctly

Check the tank and tank guard, and insert the tank all the way in while supporting the unit.



Plug the power cord into the power socket



If the louvre is open, it closes automatically.

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.

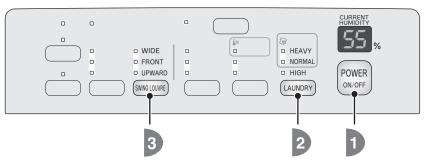
Raise handle to transport

- The wheels on the bottom rotate in the directions indicated by the arrows.
- Attempting to move the unit forcibly may cause it to tip over.
 - 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 (main air outlet).
 - Use the wheels on hard flat surface.
 - Lift over doorsills 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.



Drying Laundry

You can select from three operating modes.



Information

- 1 Press POWER ON/OFF
 - The operating mode lamp lights.
 - The current humidity is displayed.
 - The louvre opens and airflow starts.
- The compressor does not activate immediately after turning the unit off, or after plugging the unit into the power socket. (This is in order to protect the compressor.)
 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 plug is disconnected or the power turned off, the unit restarts at the previous setting.
- Press LAUNDRY to select the operating mode
 - Changes with every press.



 The blowing route changes automatically depending on the operating mode.

When the operational mode is HEAVY or NORMAL intelligent laundry

Drain the tank before use.

The unit may stop before the washing dries because of a full tank.

- Do not use in conjunction with the OFF timer.

 The timer may turn the unit off before the washing dries.
- If the room temperature is approximately 5°C or less, the unit operates for 1 hour and automatically switches off.

If the room temperature is low, it becomes difficult for water to evaporate from clothes because the humidity does not change. Use HIGH.

What are HEAVY and NORMAL functions of INTELLIGENT LAUNDRY?

Operations in which the unit controls the airflow while monitoring the humidity of the room, and estimates when the clothes will dry, and stops the unit automatically. These operations are performed for a period of time ranging from approximately 1 hour to 12 hours.

• LAUNDRY NORMAL LAUNDRY MODE

This is for drying normal weighted fabrics, or when there are many clothes.

• LAUNDRY HEAVY LAUNDRY MODE

This is for thick fabrics, or when you want to dry bath towels and the like.

Rough Guide on Usage

	Normal	Thick	
Amount of laundry	Up to approx. 6kg	Up to approx. 2kg	
Size of room	Up to approx. 16m ²		

Keep usage within the ranges specified in "Rough Guide on Usage" to ensure efficient drying.

HIGH

The unit operates continuously regardless of the humidity. Select this when you want to continue LAUNDRY operation.

Information

Press (SWING LOUVRE) to select the louvre swing direction.

Set a direction that allows air to be blown onto all of the clothes.

To stop operation

Information



- The operating mode lamp turns off.
- The CURRENT HUMIDITY indicator goes out.
- The louvre closes.
- Operation stops after air is blown from the back air outlet for approximately 2 minutes.
- To prevent the temperature inside the unit from rising, the blower fan rotates for approximately 2 minutes before operation stops.

Wait until the blower fan stops before unplugging the power cord.

 If the Internal drying operation (auto) is set, it starts after operation stops. P19

Tips on Drying Laundry

To dry laundry quickly and neatly

How to Hang Clothes

- Fully extend the clothes to remove any wrinkles.
- Leave space between clothes to allow air to easily pass through them (Guideline for spacing: Approximately 5 cm)
- Hang any difficult to dry items in positions where air flow can easily come into contact with them.

Clothes placed close together will take a longer time to dry.

Drying times will vary depending on the nature and the quantity of the laundry and the room temperature

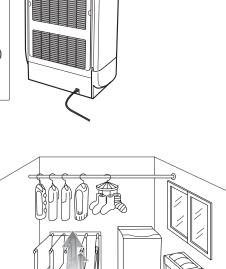
- When there are a lot of clothes
- When the room temperature is low P3
 The drying time required at a low temperature (approximately 10°C) is around twice that at a normal temperature (approximately 20°C).
- In large room P12



- Use the swing louvre to direct air onto all clothes
 Clothes placed in locations that are not exposed to the wind will take time to dry.
- When there are a lot of clothes
 Change the hanging positions of the clothes during drying to ensure air is blown onto all clothes.

About the Room for Hanging Clothes

- Hanging the clothes in a small enclosed room allows for very efficient dehumidifying and quick drying.
- 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.



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



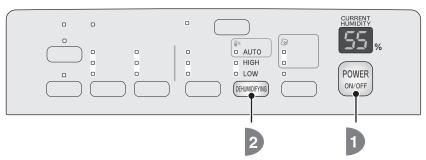
Hanging clothes inside enables you to prevent pollen and dirt getting on them. Days you are unable to bring in the washing during daylight hours



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

Dehumidifying

You can select from three operating modes.



Information



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

The compressor does not activate immediately after turning the unit off, or after plugging the unit into the power socket. (This is in order to protect the compressor.) Dehumidifying begins approximately 3 minutes after you press the POWER switch. When dehumidifying begins, the operational noise increases.

 The unit records the operating mode. Even if the plug is disconnected or the power turned off, the unit restarts at the previous setting.

Press DEHUMDIFYING to select the operating mode



■ Use the swing louvre as desired. P16

• (DEHUMIDIFYING) AUTO

The unit changes the airflow rate automatically and operates intermittently. Select this when you want to maintain a comfortable humidity level.

Rough Guide on Usage

Information

Size of room Up to approx. 13m²

Keep usage within the ranges specified in "Rough Guide on Usage" to ensure efficient operation.

• (DEHUMIDIFYING) HIGH

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

• (DEHUMIDIFYING) LOW

The unit operates continuously with a low airflow rate. Select this when you want a reduced air flow during dehumidifying.

• If the room temperature exceeds 35°C, the unit operates with the same airflow rate as HIGH in order to protect the compressor.

To stop operation



- The operating mode lamp turns off.
- The CURRENT HUMIDITY indicator goes out.
- The louvre closes.
- Operation stops after air is blown from the back air outlet for approximately 2 minutes.

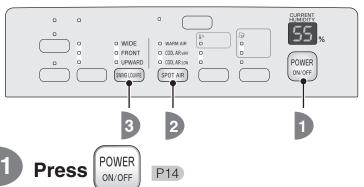
 To prevent the temperature inside the unit from rising, the blower fan rotates for approximately 2 minutes before operation stops.

Wait until the blower fan stops before unplugging the power cord.

 If the Internal drying operation (auto) is set, it starts after operation stops. P19

Condensation prevention and cool air (Spot Air)

Use spot air when you want to prevent condensation on windows or you want cool air to be blown at a specific location.



Press (SPOT AIR) to select the operating mode

Changes with every press.
 WARM AIR

COOL AIR/VARY

 The airflow distribution changes automatically depending on the operating mode.

• (SPOT AIR) WARM AIR

The unit blows warm air from the main air outlet and dehumidifies continuously. Select this when you want to prevent condensation forming on windows in winter.

 Warm air is blown from the main air outlet, and cold air from the back air outlet.

SPOT AIR COOL AIR/VARY

The unit sets the strength of the airflow rate and dehumidifies with a cold wind.

Since the wind feels gentle and the unit works to prevent one spot from becoming overly cold, this operation enables you to feel pleasantly cool. (Spot cold wind that feels cool)

 Cold air is blown from the main air outlet, and warm air from the back air outlet.

• (SPOT AIR) COOL AIR/LOW

The unit dehumidifies with a cold wind (airflow rate set to low). Select this when you want a slightly cold wind, such as after taking a bath.

 Cold air is blown from the main air outlet, and warm air from the back air outlet.

Unlike an air conditioner, the unit is not capable of cooling a whole room. Using the unit in a closed room could instead cause the room temperature to rise.

Press SWING LOUVRE to select the louvre swing direction P16

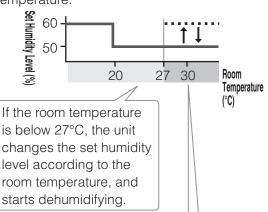
To stop operation



 When the room temperature is low such as during the winter, the distributed air may not feel warm as the temperature is below body temperature, even though the dehumidifier is in the WARM AIR operating mode.

About AUTO OPERATION IN EASY DEHUMIDIFYING

The unit operates intermittently to control the airflow to remove the dampness in the air. When the room temperature is high, the fan operates to reduce the rise in room temperature.



If the room temperature is above 27°C, the unit dehumidifies until the humidity level reaches 50%, and then activates the fan. The dehumidifier is reactivated when the humidity level rises to 60%.

- If the room is large, the humidity level may not fall to the set humidity level.
- Once the set humidity level is reached, the airflow and louvre operations may stop.

Preventing condensation on windows and dehumidifying the inside of closets

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

Recommended Operating Modes

SPOTAIR WARM AIR

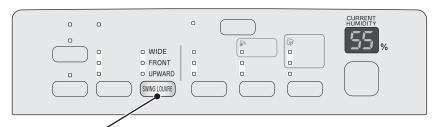
(LAUNDRY) HIGH

(DEHUMDIFYING) HIGH, LOW



Using Louvre

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



During operation,

press (SWING LOUVRE) to select the

louvre swing direction

- The swing direction changes with the touch of a button
 Swing stops (lamp turns off)
 WIDE
 FRONT
 UPWARD
- The swing operation stops when the power cord is unplugged.
- The level of noise emitted from the unit varies according to the angle of the air-flow.
- The louvre sometimes stops temporarily to correct its position.
- If the louvre is knocked out of the desired angle because the louvre is touched by a hand or object, press the SWING LOUVRE switch again to readjust the position.
- If air is blown directly onto a wall, the wall may become dirty because of dust in the air being blown onto the wall.
- When you want to dry training shoes, place them at a position that is a little higher than floor level.

Stop swing operation

- To stop the louvre at the desired angle
- When you want to dry training shoes

The louvre stops

• The swing lamp turns off

The louvre can be adjusted to a desired angle by hand while the swing operation is stopped.



(When you want air to be blown downward, point the louvre downward.)

WIDE

To cover the entire room

The louvre swings so that air is blown over a wide area. The blowing range is approximately 145°. (The moving range of the louvre is approximately 120°.)



FRONT

When you want to dehumidify the inside of closets, etc. The louvre swings so that air is blown from the front of the unit. The blowing range is approximately 60°.



UPWARD

For drying clothes, etc.

Swing speed is automatically controlled to send air at clothes from the all angles.

The blowing range is

The blowing range is approximately 70°.

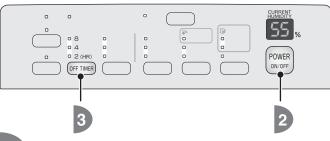


The louvre moves slowly through the last 20° of the swing, as the time taken to traverse the rear arc is shorter than that for the upward arc when moving at a constant speed.

Information

Using OFF Timer

You can select an operating time from 2, 4, and 8 hours. When the set time is reached, the unit switches itself off automatically. Set the OFF timer while the unit is ON.



Removing water from the tank

When the water tank becomes full, dehumidifying is not possible because the unit automatically shuts down. Empty the water tank before operating.

Press POWER ON/OFF P14

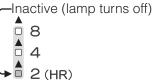
Set the desired operating mode and louvre swing direction. P12~16



 If LAUNDRY NORMAL or HEAVY is used in conjunction with the OFF timer, operation may stop before the clothes dry.

Press OFF TIMER to select the operating time

Changes with each press.



- The lamp for the selected time lights.
 (Off time operation starts)
- The OFF timer lamp (remaining operation time indication) changes as time passes.
- When the set time is reached, the unit switches itself off and the louvre closes automatically.

When you want to cancel the OFF timer before the set time is reached

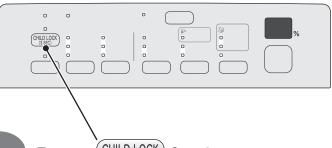
- When you want to turn the unit off Press the POWER button. (Power off)
- When you want to disable the OFF timer and continue operation

Press the OFF TIMER switch repeatedly until the operating time lamps go out.

Using Child Lock

You can lock the switches.

Use this function when you want to stop children operating the unit.



Press CHILD LOCK for 3 or more seconds

- The child lock lamp lights.
- If you lock the unit when the POWER is

The unit will not turn on, even if you press the POWER button to turn it on. Only the CHILD LOCK lamp will blink. (Pressing the POWER button again will cause the lamp to turn on solidly.)

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. (Pressing the POWER button again will cause the lamp to turn on solidly.)

Information

- Only the CHILD LOCK switch can be operated while the child lock is set. The other switches become no longer operable, so deactivate the child lock to use the other switches when you want to operate them.
- The child lock is switched off when the power cord is unplugged and plugged in again.

When you want to release the child lock

Press CHILD LOCK for 3 or more seconds

• The child lock lamp goes out.

Removing Odour from Clothes (Clothes Deodoriser)

The unit operates for approximately 1 hour to remove odour from clothes. The airflow rate and compressor are automatically controlled. Use this operation when you want to remove odour from clothes that are not frequently washed, such as suits and sweaters.

Removes odours such as:

cigarettes and cooking smells

How to Hang Clothes Secure hangers so they will not be moved Space laundry apart by airflow. to improve airflow. Fasten the buttons Allow pants on suits, coats, to hang and the like. unfolded. When odour is absorbed into the fabric, allow air to blow inside the hanging garment.

lote

Information

- Do not use for leather and silk goods.
- Drain the water tank before operating.
- Ensure ventilation during operation.
- The odour cannot be removed in the following cases.
 - When the temperature and humidity inside the room are low
 - When there are many clothes
- The odour will not be removed from parts not blown by the wind.
- Sharp odour such as perfumes and chemicals cannot be removed.
- The odour of oil and dirt on clothes cannot be removed.
- If the operation has little effect, try the operation again, or wash or clean the clothes.

Preparation

Hang clothing and then place the dehumidifier beneath.

1 Press POWER ON/OFF P14

Press SWING LOUVRE to select the louvre swing direction. P16

The odour will not be removed from clothes not in contact with the airflow.

3 Press AUTO STOP DEO-DRY

- The DEO-DRY lamp lights.
- Operation stops after approximately 1 hour.

The airflow rate cannot be set because it is changed automatically. Do not use this operation in conjunction with other operations.

When you want to stop the operation

Pressing the DEO-DRY switch does not abort the operation.

(The deodorant dry operation starts again.)

■ When you want to end the operation partway through:

Press the POWER switch (OFF).

When you want to switch to another operation:

Press the LAUNDRY switch or DEHUMIDIFYING switch.

Details on Clothes Deodorant Operation This operation takes approximately one hour.

CLOTHES DEODORANT switch (ON)

Clothes deodorant operation (Approx. one hour.)

Cold Air operation

The odour components on clothes are absorbed by blowing a low temperature air containing moisture while performing deodorizing with the filter of the unit.

Approx. 20 min.

Warm Air operation

The moisture is evaporated by a warm herbal air flow in order to separate the odour components.

Approx. 40 min.

Auto Stop

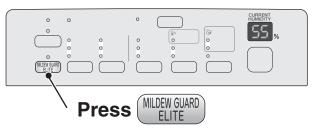
Internal Drying Operation

The inside of the unit can be dried to suppress mildew growth on the cooler.

On days the dehumidifier is used, internal drying is recommended.

Automatic operation

To activate internal cleaning after every use.



while the unit is ON

- Internal cleaning operation standby (The MILDEW GUARD ELITE lamp lights)
- The operation ends
- The internal cleaning operation starts The MILDEW GUARD ELITE lamp flashes, the current humidity indicator turns off, and the louvre stops in the vertical position Internal cleaning operation
- The internal cleaning operation ends The MILDEW GUARD ELITE lamp turns off and the louvre closes

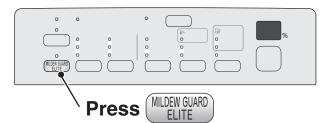
When you want to deactivate automatic operation

■ Press the MILDEW GUARD ELITE switch while the unit is ON

(The MILDEW GUARD ELITE lamp goes out)

Manual operation

Press the (MUDEW GUARD) while the unit is OFF.



while the unit is OFF

- The internal cleaning operation starts The MILDEW GUARD ELITE lamp flashes and the louvre stops in the vertical position Internal cleaning operation
- The internal cleaning operation ends The MILDEW GUARD ELITE lamp turns off and the louvre closes

When you want to stop the operation

- When you want to end the operation partway through: Press the MILDEW GUARD ELITE switch. (The MILDEW GUARD ELITE lamp turns off)
- When you want to switch to another operation:

Press the POWER switch.

- Connecting/disconnecting the power plug deactivates automatic operation.
- This function does not remove existing mildew. Also, aborting internal cleaning operation may cause the benefits to diminish.
- Do not close the louvres during mildew guard elite operation 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 silver ion filter is mainly for absorbing ammonia.
- The OFF timer cannot be set during mildew guard elite operation.

Details on mildew guard elite operation

Information

This operation takes approximately one hour. However, when

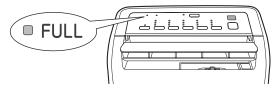


Draining

The unit automatically shuts down and the Tank Full lamp is lit when the tank is full. Empty the tank.

When the tank becomes full, the FULL lamp lights.

Information

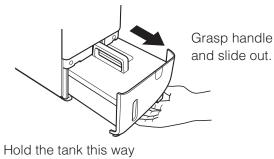


- Tank Full lamp lights.
 (The unit beeps continuously).
- The CURRENT HUMIDITY indicator goes out.
- Airflows stop after air is blown for approximately 2 minutes.

After removing the water and replacing the tank, the Tank Full lamp will go off, and the unit will automatically return to operation mode.
 When the Tank Full lamp is lit, no operation but ON/OFF is possible.

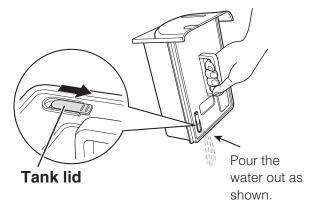
 When using the OFF timer, you are only notified by the FULL lamp lighting.

1 Remove the water tank.

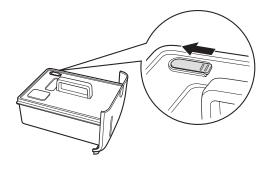




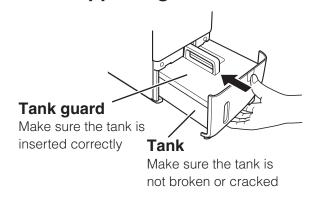
Slide the tank lid to open the tank and then empty the water.



Slide the tank lid to close the tank.



Insert the tank all the way in while supporting the unit.



A beep sound is heard.

Information

- Secure the lid and guard properly or else the tank may become stuck.
- If the tank is not installed correctly, the tank full light will come on, and the unit will not operate.

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.

Items to prepare

 Commercially available hose (I.D. 15mm)

Long enough to reach the drain.

How to set up the drainage hose

Correctly 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**.



Keep the continuous drainage lid out reach of children.

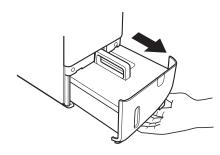
Failing to do so may result in the lid being accidentally swallowed.



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.

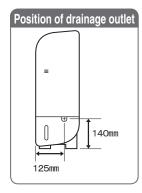


Remove the continuous drainage lid



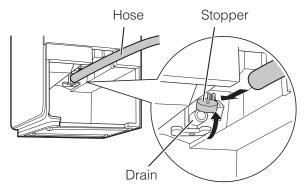
Continuous drainage lid

When the lid is difficult to remove, pull it while twisting

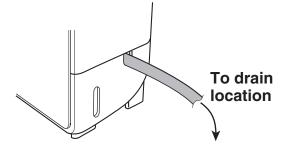


Attach a hose to the unit

With the stopper pushed up, insert a commercially available hose (diameter of 15 mm) all the way to the base of the drainage outlet, and confirm that no water leaks out.



Attach the tank to the unit, and place the end of the hose in the drain location.



The unit cannot operate without the tank installed.

- Confirm that the hose does not show signs of deterioration such as bending, cracks and clogging.
- Inspect the hose every 2 weeks. Insects or dirt blocking the hose may cause leakage resulting in malfunctions.
- Keep the continuous drainage lid in a safe place so as not to lose it.

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.

Once Every Two Weeks

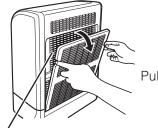
Silver Ion Filter, Air Intake, and Sensor

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

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.

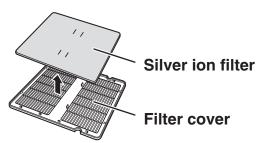
Remove the filter cover

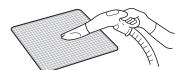


Pull forward to remove.

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

Remove the silver ion filter from the filter cover, and then clean the filter.





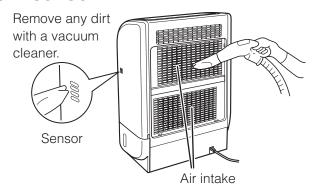
Remove any dust from the white net surface with the nozzle of a vacuum cleaner.

Do not use a nozzle with a brush. This may damage the filter.

When the filter is very dirty

Soak the filter in water.

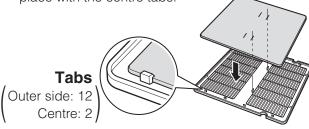
Clean the air intake and sensor



Do not use a nozzle with a brush. This may damage the filter.

Set the silver ion filter into the filter cover

Align the white net surface with the filter cover, set the filter inside the tabs, and fix the filter in place with the centre tabs.



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.

5 Set the filter cover.



Insert the bottom tabs into the unit until they click.

Once Every Three Months

Silver Ion Filter (Soak in Water)

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

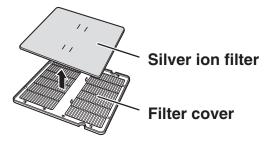
Preparation

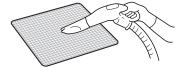
Press the POWER switch to turn off the power, wait until the blower fan stops rotating (approximately 2 minutes) before unplugging the power cord.

1 Remove the filter cover

Removing the filter, see P22

Remove the silver ion filter from the filter cover, and then clean the filter.





Remove any dust from the white net surface with the nozzle of a vacuum cleaner.

Do not use a nozzle with a brush. This may damage the filter.

Soak the silver ion filter in water.

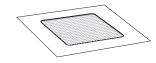


Soak in cool to lukewarm water for about 30 minutes.

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 an 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.

Set the silver ion filter into the filter cover

Setting the filter, see P22

6 Set the filter cover.

Setting the filter, see P22

Maintenance (cont.)

Cleaning

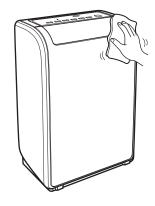
Water tank · Main unit

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.
- After cleaning the tank, attach the tank guard and then set the tank in the unit.

Replacement Parts

The silver ion filter becomes depleted over time.

Replace them when necessary.

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.

Removing and setting the filter, see P10 When disposing the filter, see P25

sold separate

Silver ion sterilizing and deodorizing filter for replacement

Type: MJPR-10AXFTType code: 5C5 822

For these items contact your nearest Mitsubishi Electric dealer.

Troubleshooting

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 internal drying P19

Performing internal drying to prevent mildew growth is recommended.

2 Wr

Wrap the power cord



Remove the drainage water.

Clean the silver ion filter P22

Remove any dust from the white net surface with the nozzle of a vacuum cleaner.

Clean the air intake and sensor P22

Remove any dust from the white net surface with the nozzle of a vacuum cleaner.

6 Stor

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.

Silver ion filter Material:

PET and PS

Unit

Do not disassemble. Dispose according to the waste regulations in your area.

Troubleshooting

For the symptoms listed below, refer to the remedies listed right.						
Symp	tom	\geq	Cause/Remedy			
The unit blows warm air			 Air passed through the re-heating coil is warm. Unlike an air conditioner, the unit is not capable of cooling a whole roor Using the unit in a closed room will instead cause the room temperature to ris When the unit is set to COOL AIR/VARY or COOL AIR/LOW, warm air is blown from the back air outlet. 			
The unit does not blow warm air			 Is operation being performed with the unit set to other than SPOTAIR WARM AIR? → Perform operation with the unit set to SPOTAIR WARM AIR. 			
The unit does not blow cool air			 Is operation being performed with the unit set to other than SPOT AIR COOL AIR/VARY or COOL AIR/LOW? → Perform operation with the unit set to SPOT AIR COOL AIR/VARY or COOL AIR/LOW. 			
Water does not of the water tank (m dehumidifying re	ninimal		 Check to see if the temperature/humidity is low. Low room temperature/humidity reduces dehumidifying effectiveness. This is not a malfunction. 	P3		
The unit does no air comes out an does not swing)	•		 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. 	P5		
The unit stops			 Is operation being performed with the unit set to (DEHUNDIFYING) AUTO? → The unit is automatically switching between dehumidifying, blowing and stopping 			
		$^{\prime}$	 ◆ Check to see if the silver ion filter is clogged. → Clean according to the maintenance procedures. 	P22~23		
	Stops after a short time		 Is operation being performed with the unit set to LAUNDRY NORMAL or HEAVY? → If the room temperature is approximately 5°C or less, operation stops after approximately 1 hour. If the room temperature is low, it becomes difficult for water to evaporate from clothes because the humidity does not change. Is operation being performed with the unit set to DEO-DRY? → This operation is designed to end after approximately 1 hour. 	P12		
□ FULL Indicates □ DEFROST Indicates			 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. 	P20		
			 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. 	P3		
The unit continues to operate even though it is turned off			 Even if the POWER switch is turned off, the blower fan rotates for approximately 2 minutes to prevent the temperature inside the unit from rising. Wait until the blower fan stops before removing the power plug. Is the unit set to internal drying mode? The function activates automatically after operations end. 			
The humidity level does not drop easily			 Check to see if the room is 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 			
The hygrometer reading on the unit differs from other hygrometers in the room			Hygrometer readings can 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		>	Press the Swing louvre switch again.	P16		
The water tank contains liquid or white water residue		>	 The residue is from final product testing at the factory. It is not a result of a malfunction. 			

• The residue is from debris in the air.

→ Clean according to the maintenance procedures.

P24

26

There is black residue on the

inside of the water tank and lid.

Cause/Remedy **Symptom** • Since the unit uses two fans and two motors in addition to the cool air function, the The operating operating sound becomes loud compared to models without a cool air function. This is sound is loud not a malfunction. If the operating sound bothers you, use the unit set to (DHUMDIFING) LOW. • Check to see if the unit is on a slope or uneven surface. P6 → Move to a sturdy even surface. The operating Check to see if the silver ion filter is clogged. P22~23 → Clean according to the maintenance procedures. noise is loud/ reverberates Operating the unit in small rooms or in tight spaces sometimes causes the sound to reverberate. P7 → Place a mat underneath the unit. The sound increases when the compressor activates (approximately 3 minutes The operating after turning on the unit or during automatic operation ((DEHUNDEYING) AUTO)). sound suddenly Is operation being performed with the unit set to (DHUNDPING) LOW? increases in The unit → When the room temperature becomes 35°C or more, operation is performed volume makes with the same amount of wind as HIGH in order to protect the compressor. noises The sound changes • The volume of the sound differs depending on the angle of the louvre. in volume The unit produces This is the sound of the refrigerant. The sound can be heard while the refrigerant a simmering sound stabilizes after the unit turns on, changes modes, or stops. The unit makes a This is the sound of the air flow route changing. The unit sometimes makes gentle clinking or sounds when the operating mode changes or the air flow route changes during rattling sound operation. The unit produces • This is the sound of the compressor. In modes that monitor the humidity a buzz that sounds level or during drying inside, the compressor operates intermittently intermittently (or 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 the compressor P12~14 into a power socket. (This is to protect the compressor from damage.) does not activate) When first used • The heat converter heats rapidly causing an odour. This is not a malfunction. During internal The unit drying • The moisture expelled from inside the unit may smell due to odorants that produces During were not caught by the silver ion filter dissolving in the water. This is not a an odour malfunction. deodorizing clothes operation

Error message (Humidity indicator)

Digital display

Cause/Remedy

유근 appears in the CURRENT HUMIDITY indicator

Check to see if the power cord is plugged into the power socket properly.
 Plug the power cord into the power socket properly.

• Check to see if anything is blocking the air outlet.

무닉 [[근 [[금] appears in the CURRENT HUMIDITY indicator

- → Remove the obstruction, and plug the power cord into the power socket again.
- Check to see if the silver ion filter is clogged.
 - → Clean according to the maintenance procedures.

P22~23

P5

!;/ appears in the CURRENT
HUMIDITY indicator

- If the unit is tilted or falls over, operation stops and "↓↓ " appears.
 → Place the unit on a even surface, and then turn on the power switch again.
- 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.

Specifications

Model	MJ-E15BX-A1
Power supply	Single phase 230-240V 50Hz
Dehumidifying capacity	15.0 L/day
Power consumption	290W
Water tank capacity	stops automatically at approx. 2.5L
Weight	14kg
Dimensions (h × w × d)	568mm × 390mm × 205mm

- The dehumidifying capacity is a value obtained when the dehumidifier is continuously run at a roomtemperature of 30°C and relative humidity of 80%. It indicates the amount of dehumidification per day (24 hours).
- Standby power approximately 1W.

Distributed and guaranteed throughout New Zealand by:

 Black Diamond Technologies Ltd. -Auckland For after sales and service: Wellington Christchurch Unit 1, 4 Walls Rd. 1 Parliament St. 37 Mandeville St. PO Box 12726 Penrose PO Box 30772 PO Box 1604 Phone 0800 737 842 Christchurch Fax 0800 845 632 Auckland Lower Hutt Wellington Phone 09 526 9347 Phone 04 560 9147 Phone 03 341 2837 Fax 09 526 9348 Fax 04 560 9133 Fax 03 341 2838

Fill in the following for your future reference.

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