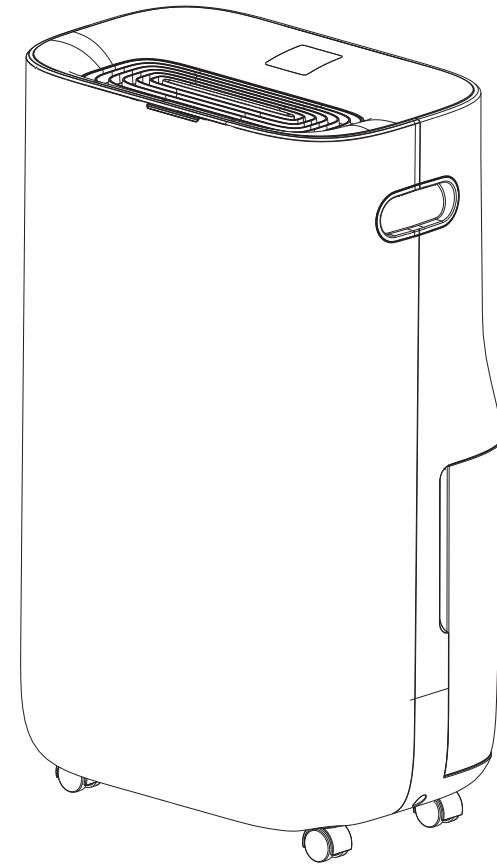


Dehumidifier

Instruction Manual



Model US84190110






CONTENTS

| | |
|---|----|
| ■ Precautions | 2 |
| ■ Operation and performance | 5 |
| ■ Parts names and functions | 6 |
| ■ For selecting functions properly | 8 |
| ■ Preparation and checking before operation | 10 |
| ■ How to operate | 11 |
| ■ For maintenance | 14 |
| ■ Specification | 16 |
| ■ Trouble-shooting | 16 |

Thank you very much for purchasing our Dehumidifier.
Please read this manual instruction carefully before operating your dehumidifier.
This manual contains further important instructions for proper operation. Please save it for your further reference.











Precautions

Please read "Precautions" carefully before operating your dehumidifier.
The warnings and the cautions stated in "Precautions" must be observed for safe operation.

-  Warning means improper handling may result in a death or a serious injury to a person.
-  Cautions means improper handling may result in an injury or damage to properties.
-  Shows Prohibition
-  Shows Compulsion
-  Shows Caution



Warnings

- When the machine malfunctions, do not repair it yourself. Please contact a professional organization or a professional trained maintenance personnel or a service organization recommended by the supplier for repair!
- In case of any abnormality, be sure to turn off the dehumidifier, disconnect the plug and make contact to the seller of your appliance.
(Abnormal operation may result in a failure of the unit, electric shock, fire, or the like.)
 Pull off plug
- Never attempt to turn off the dehumidifier by disconnecting the plug.
 Prohibit
- Never modify the dehumidifier. Do not attempt to disassemble or service the unit by yourself.
 Prohibit disassembly
- Keep your hands dry while plugging into or pulling off the plug to avoid electric shock.
 Prohibit wet hand
- Ac220-240 volt of alternating current is applied to this equipment.
 220-240V~ alternating current
- Remove any dust from the blades of the power plug and insert the plug into an outlet securely.
 Wipe off dust
- To avoid the risk of fire or explosion, do not spray to the dehumidifier. Do not put any inflammables or chemicals near the unit.
 Prohibit
- To prevent resin parts from melting or catching on fire, do not place the dehumidifier near heating appliances.
 Prohibit
- Do not connect the dehumidifier to an outlet having the electrical ratings below the dehumidifier's.
 Prohibit
- The power cord must not be damaged or modified. Do not put any hot or heavy thing on the cord. Do not pull it out, or bundle it during operation.
 Prohibit

- To avoid damages to the power cord, do not pinch the cord in a door.



Prohibit

- Never put rods or objects into the openings of the dehumidifier. Because this unit contains a fan running at high speed, contact with the moving fan will



Prohibit

- Remove water that has been collected in the tank.
(Accidentally drinking of the water or using it for other purpose may cause illness and /or unforeseen accidents.)



Throw away

- Risk of electric shock. disconnect power before servicing unit. Moving parts. do not operate unit with back cover removed. Hot parts. Do not operate unit with back cover removed.



Warning

Risk of electric shock—switch in off position does not de-energize all loads.

Correct Disposal of this product

WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater.

Do not pierce or burn.

Be aware that refrigerants may not contain an odour.

– the maximum refrigerant charge amount: 65g

Refrigerant needs to be added to a factory or distributor at a designated place



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

- a. "The appliance shall be installed in accordance with national wiring regulations"
- b. "If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard."
- c. " This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety."
- d. "Children should be supervised to ensure that they do not play with the appliance."



Warning



Cautions

- The dehumidifier must be used on a level and stable surface.
- To prevent the water from freezing, do not use the dehumidifier and the drain hose at ambient temperature below 0°C
- Do not use the dehumidifier outside. Exposure to direct sunlight or rain may result in overheating, electric shock and fire.



Use in flat ground



Prohibit



Prohibit

- Do not use the dehumidifier outside. Exposure to direct sunlight or rain may result in overheating, electric shock and fire.



Prohibit

- Do not put water vessel on the dehumidifier (In case of any spill of water, the water gets into the unit and deteriorates the insulation.)



Prohibit

- Never attempt to use the dehumidifier for special uses, such as food or preservation of art objects, or the like. The deterioration of preserving quality may be caused.



Prohibit

- Do not use the dehumidifier where any leakage of oil or flammable gas may take place.



Prohibit

- Do not use the unit in places subject to chemicals.



Prohibit

- For continuous draining, make sure that the drain hose is set properly without a rising slope.



Ensure drain hose

- Be careful that a heating appliance is not exposed to the wind from the dehumidifier.



Prohibit

- Do not use the dehumidifier as a chair or a footstool.



Prohibit

- For safety purpose, disconnect the power plug if the unit is not used for a long time.



- Be sure to take hold of the power plug when plugging in and out of an outlet.



- In case of using the dehumidifier in a closet, be sure to prevent children from getting in the closet.



Prohibit

- Do not remove the float lever from the water tank.



Prohibit

- To avoid damages to the power cord, do not pull out the cord when moving the unit.



Prohibit

- Do not block up the air intakes and the air outlets. Do not cover the unit with washed clothes.



Prohibit

- Prior to continuous operation for a long duration, periodical checking is required especially for the air clean filter, the drain hose, or the like.



Schedule check out

- Turn off the unit and disconnect the power plug before starting any cleaning or other routine maintenance.



- To avoid the risk of electric shock, never sprinkle or spill water on the dehumidifier when cleaning.



Prohibit

- Turn off the unit and empty the water out of the water tank when moving the unit. Be sure to hold the handle when moving.



Shut off operation and drain water when moving

Operation and Performance

Defrosting operation

- Both the dehumidifying function and the air cleaning function stop during the defrosting operation.
- Do not disconnect the plug of the unit or turn off the unit during the defrosting operation.

This dehumidifier is not suitable for keeping the humidity very low (approx. 50% or less)

This dehumidifier is designed to remove uncomfortable humidity in daily life and to use for auxiliary drying of washed clothes indoors. This is not suitable for keeping the humidity very low.

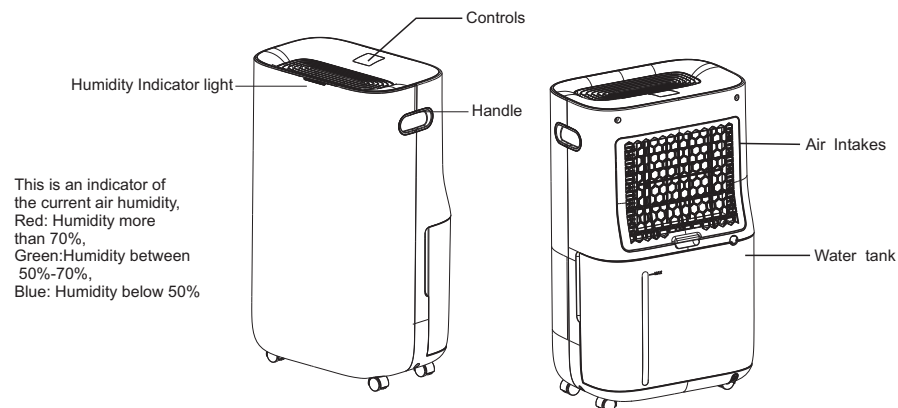
Room temperature rises during the operation.

This dehumidifier does not have cooling function. It produces heat during the operation and room temperature rises by 1°C to 4°C. The temperature gets higher while it is operated in a closet, or the like. Furthermore, room temperature rises because doors and windows are closed and heat is produced from other appliances in the room and the sun radiation.

Parts Names and Functions

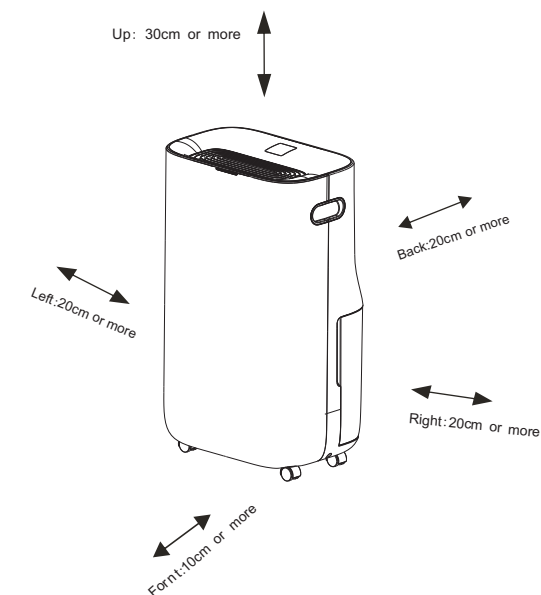
Front

Back



Installation

For efficient operation of the dehumidifier, spacing are required as shown below.



Note

In case TV sets, radio etc. are disturbed with noises, keep them apart from the dehumidifier by 70cm or more.

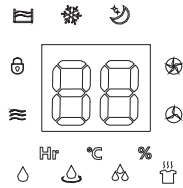
Controls



CHILD LOCK



TIMER



FAN SPEED



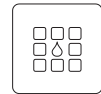
SLEEP



FAN



HUMIDITY SETTING



DEHUMIDIFY MODE



STAND-BY

Switch

Full of water

Defrost

Sleep

High wind

Low wind

Child lock

Fan

dehumidification

Continuous dehumidification

Strong desiccant

Drying

TANK FULL:if the water tank is full,the indicator light comes on.

TIMER(timer function)press timer to program time and "TIMER" light "Hr" comes on while timer is programmed.

Before programming,make sure that the timer function has not been activated (the light must be off)

The following timer programs are available.

a)Delayed power-off function(the appliances is in working status)

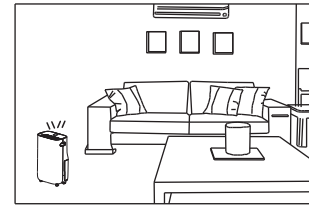
The appliance will stop once time reach setting value.

USE key "TIMER" to set the time period (0~24 hours)

The appliance will start once time reaches setting value.

For Selecting Functions Properly

To dehumidify a room for comfortable humidity



To dehumidify a room or keep a ceiling and/or walls from dew consideration and getting moldy

MODE

AUTOMATIC

To dehumidify a closet



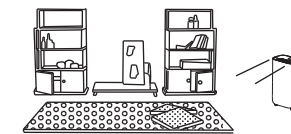
CONTINUOUS

To dry washed clothes faster



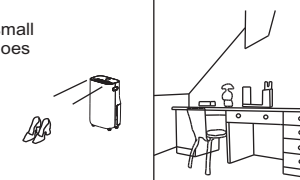
DRY CLOTHES

To dry a carpet or a rug



DRY CLOTHES

To dehumify a small spcing or dry shoes




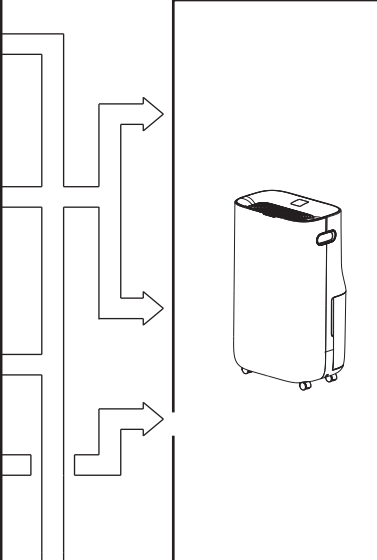











DRY CLOTHES

To make air clean in a room



Air purification

Built-in microcomputer memorizes the operation of dehumidifier, once it is set. The unit repeats the same operation by pressing " " switch. (In case of disconnection by unplugging or power failure, start over the setting again.)

| | |
|---|--|
| <p> Child lock</p> <ul style="list-style-type: none"> ● Long press 5 seconds to lock ● Again long press 5 seconds to unlock |  |
| <p> Timer</p> <ul style="list-style-type: none"> ● Timing can be set from within 0-24 hours | |
| <p> Fan</p> <ul style="list-style-type: none"> ● Press "Fan" key, the button indicator lights on ● Compressor off working, fan speed can be set | |
| <p> Humidity setting</p> <ul style="list-style-type: none"> ● Set humidity, set the range of 30%-80% | |
| <p> Fan speed</p> <ul style="list-style-type: none"> ● According to the wind speed key to select the current wind speed ● The wind speed key is only effective in the general desiccant mode and the purification mode | |
| <p> Sleep mode</p> <ul style="list-style-type: none"> ● After entering sleep mode to turn off all light except sleep and tank full light | |
| <p> Mode selection</p> <ul style="list-style-type: none"> ● Mode key contains manual desiccant , continuous dehumidification , strong desiccant  and dry clothing function  | |
| <p> Switch</p> <ul style="list-style-type: none"> ● Contains startup, shutdown, power failure memory | |

Set an air clean filter to a dehumidifier.

1. Remove the filter holder from the back cover.

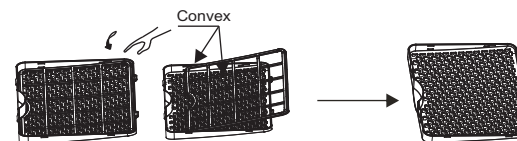
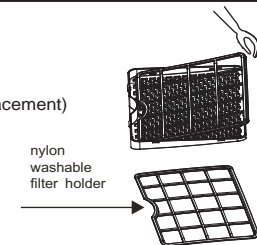


2. To set the air clean filter to the back cover (for new filter replacement)

Take the air clean filter out of polyethylene bag, and put it onto the back filter. Set the air clean filter to the back cover with the filter fitted into the four catches in the cover.

Put the filter holder on the cover with the flat surface of the holder up, and set the holder to the four catches in the cover (with the convex portions of the holder upward).

To set the holder securely, press its perimeter with fingers. Then check the condition.



● In case of improper setting conditions, you cannot set the back cover to the unit.

Make sure that the water tank is set properly.

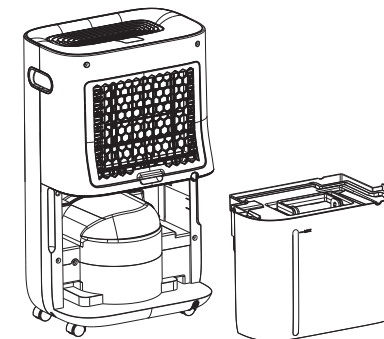
Your dehumidifier will not be operated when the water tank is full of water or it is not set properly.

How to remove

Draw the water tank gently toward you by holding the concave part of the tank.

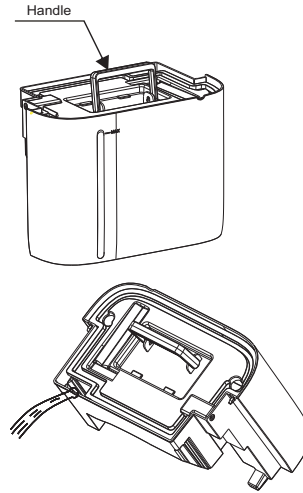
How to set

Push the tank horizontally and gently. The handle lies down by itself.



When you empty water from a water tank

1. Remove water tank from the dehumidifier.
2. Hold the tank by the handle and carry it gently.
3. Tilt the tank to the direction as shown.
and slowly empty the water out of the tank.
4. Set the tank in the dehumidifier.



Note

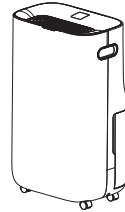
After the dehumidifying operation, water is collected in the water tank. When the tank is full of water, the dehumidifier stops operating automatically and the buzzer sounds. The buzzer sounds for 20 seconds when the tank is taken out during the operation.

How to Operate

- Your dehumidifier will stop automatically after the hours set by the timer (0H to 24H)
- In any mode, you can press "TIMER" switch to set the timer 0H to 24H.

Plug in the dehumidifier to an outlet.

- If the water is full of water indicator light, the rest are not displayed.
- Make sure that the water tank is set properly.



Press "Power" switch.

- "dehumidification" mode lamp δ will light up.



Set the unit to the desired operation by pressing "Mode" switch.

- Every time you press the "mode" switch, the mode select lamps light up in turn as

For timer Operation

Press "Timer" switch to set the timer.

- **TIMER**(timer function)press timer to program time and "TIMER" light "**Hr**" comes on while timer is programmed.

Before programming, make sure that the timer function has not been activated (the light must be off)

The following timer programs are available.

a.) Delayed power-off function (the appliance is in working status)

The appliance will stop once time reach setting value.

USE key "TIMER" to set the time period (0~24 hours)

The appliance will start once time reaches setting value.

- With the lapse of time, the timer lamp lighting up will indicate the remaining time.

The unit will stop operating after the lapse of the set time.



Warning

To avoid damages to the power cord, do not pinch the cord in a door.



Prohibit



Caution

Be sure to prevent children from getting in a closet when using the unit in the closet.



Prohibit

Stop operating

Press "Power" switch again.

- The mode select lamp will go off and the unit will stop operating.

Buzzer

Whenever each switch is pressed, the buzzer will sound.

Note

Be sure to open one of the flaps. If the flap is not opened fully during operation, the overheat prevention device will work and the unit will stop operating.

Due to the protective function for the machine, the dehumidifying operation will be started after approx. 3 minutes, when the unit is plugged in or restarted immediately after stopped.

Efficiency of the dehumidifier is influenced by the air outside the room. For operating efficiently, try to avoid opening and closing the windows and the doors.

For proper performance, operate the dehumidifier under the usable operating temperature. For safety purpose, the dehumidifying operation will be stopped automatically and changed to the air cleaning operation when the ambient temperature is higher than approx. 36°C.

Circulation of the refrigerant may cause sound within the dehumidifier when the operation is started. After the circulation is stable, the sound will be lowered.

To change the timer set

Press "TIMER" Switch
to set the desired time.

To cancel the timer operation

Press "TIMER" Switch
the Timer lamp will go off.

To stop the timer operation

Press "P" switch again

Notes

- Except "Continuous" mode operation the timer set will be cancelled whenever "Mode" switch is pressed. Set the timer again after pressing "Mode" switch, if necessary.
- The timer stops when the water tank is full of water. After the tank is emptied, the timer will start.

For Maintenance



Warning

To avoid the risk of electric shock, never connect and disconnect the plug with your hand wet.



Cautions

Turn off the unit and disconnect the power plug before cleaning or other routine maintenance.

Do not remove the float lever from the water tank.



Prohibit wet hand



Prohibit

When the unit is not in use for a long time.

1. Unplug the unit, bundle the power cord, and hang the bundled cord at the back of the unit as shown.
2. Empty the water out of water tank, wipe the tank with cloth and replace in position.
3. Clean the air clean filter.
4. For storing, stand the unit upright and avoid the exposure to the direct sunlight.

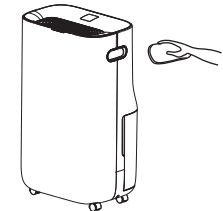
Request

- To avoid malfunction or abnormal sound, keep the unit upright.

Body of Dehumidifier

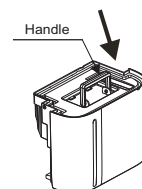
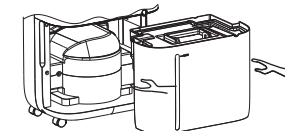
Wipe the dehumidifier with a dry and soft cloth.

- To remove heavy dirt, wipe it with a cloth wrung tightly. (Never use a wet cloth for cleaning the controls).
- To avoid deformation or cracking, do not use benzene, thinner or liquid cleaners.
- Chemical cloth may cause the change in color of the unit.



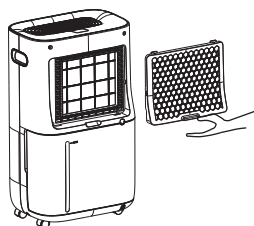
Water tank

- Pull out the water tank and take it out.
- Wash the inside of the tank with water.
- The tank may be scratched, if you scrub it strongly with a brush.
- Do not remove the float lever from the tank.
- Wipe off the water on the outside of tank with a cloth and replace the tank as it was.

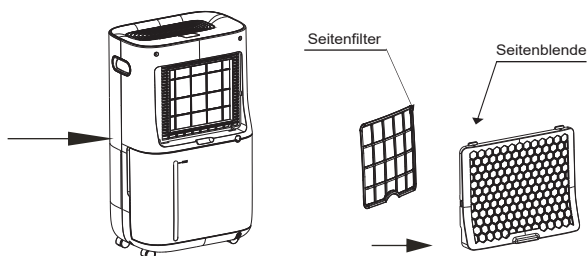


Back & Side Air Intakes (Maintenance every 2 weeks)

- The dehumidifying capacity will be lowered when the air clean filter gets clogged.
- Remove the back cover from the unit and remove the filter holder. Then take out the air clean filter and the back filter.



- Pull the sider cover toward you and remove it from the unit. Remove the sider filter from the unit.
- To dislodge the dust from these filters, use a vacuum cleaner or pat them lightly.
- If the filters are fouled seriously, wash in water including neutral detergent, rinse well with water and leave until dry.
- Pat the air clean filter and dislodge dust from it.



Specifications

| | |
|----------------------|--|
| Model No: | US84190110 |
| Power Supply: | 115V ~ 60Hz |
| Dehumidity Capacity: | 50Pints/Day (86°F,80%RH) |
| Max. Input Power: | 400W |
| Max. Input Current: | 3.9A |
| Water Tank Capacity: | 6.5 L |
| Net Weight: | 14kg |
| Dimensions: | Height 570mm, Length340mm, width 240mm |
| Room Temperature: | 5°C - 32°C |
| Refrigerant: | R290 /65g |
| Fuse: | AC250V 3.15A |

The specification may be subject to change without notice for purpose of improvement.

Trouble – Shooting

Prior to requesting to repair, please check for the following :

| Malfunction | Points to be checked | Measures to be taken | Ref. Page |
|---|---|--|-----------|
| No operation | Check to see if the power plug is disconnected. | Insert the plug into an electric outlet fully and securely. | 2 |
| | Check to see if the water tank is full of water. | Empty the water out of the tank. | 2 |
| | Check to see if the water tank is not set properly in position. | Set the tank to the unit properly in position. | 11 |
| | Check to see if all the flaps are closed. | Open one of the flaps. | 13 |
| Dehumidified volume is small | To see if the filters get dirty. | Clean the filters as specified. | 13 |
| | Check to see if the air openings are blocked up. | Remove obstacles from the air openings. | 13 |
| | Check to see if the dehumidifier is in air clean mode. | Change the operation mode to the dehumidifying mode. | 13 |
| Lound sound while operating | Check to see if the unit is not installed asspecified. | Install the unit on a level and stable floor. | 13 |
| Operation stops during spot dehumidifying | Check to see if the room temperature is higher than the usable operating temperature. | The dehumidifying operation will be started automatically when the temperature lowers. | 13 |
| Washed clothes are not dried | Check to see if washed clothes are not exposed to the air from the unit. | Try to expose the washed clothes to the air flow. | 13 |
| | Check to see if the room temperature is too low. | Washed clothes are hard to be dried under low temperature conditions. | 13 |

Nothing is wrong with your dehumidifier in case of the following phenomena

| Phenomenon | Reason |
|--------------------------------------|--|
| Operation stops occasionally | The unit is defrosting (See the page 5). |
| Dehumidified volume is small | Dehumidifier volume less when the room temperature is low (see the page 6) The unit stops operating when the room temperature is below approx. The unit stops dehumidifying because the humidity in a room drops to 60% or less in "Automatic" mode. (See the page 5). |
| The humidity in a room is still high | The room size may be too large. (see the page 5) The doors or the windows of the room may be opened and /or closed frequently. (See the page 5) The dehumidifier is used together with a kerosene heater which emits vappor. |
| Bad smell during operation | Smell is emitted from the walls, furniture or other objects. |
| Sound is produced within the unit | Circulation of the refrigerant may cause sound until it is stable. |
| Water is left in the water tank | The water is left because the unit is subjected to dehumidifying test in the factory. |
| The buzzer sounds | The buzzer sounds when the water tank is full of water. (See the page11). |

Cautions:Refrigerant is required to be filled at the factory or manufacturer or seller designated location.

Customer 's Sheet :

Please record the following items.

| | |
|---------------|------------|
| Model | US84190110 |
| Purchase Date | |
| Store | |
| | TEL : |