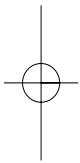
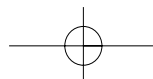


all-guides.com



LG Electronics Inc.

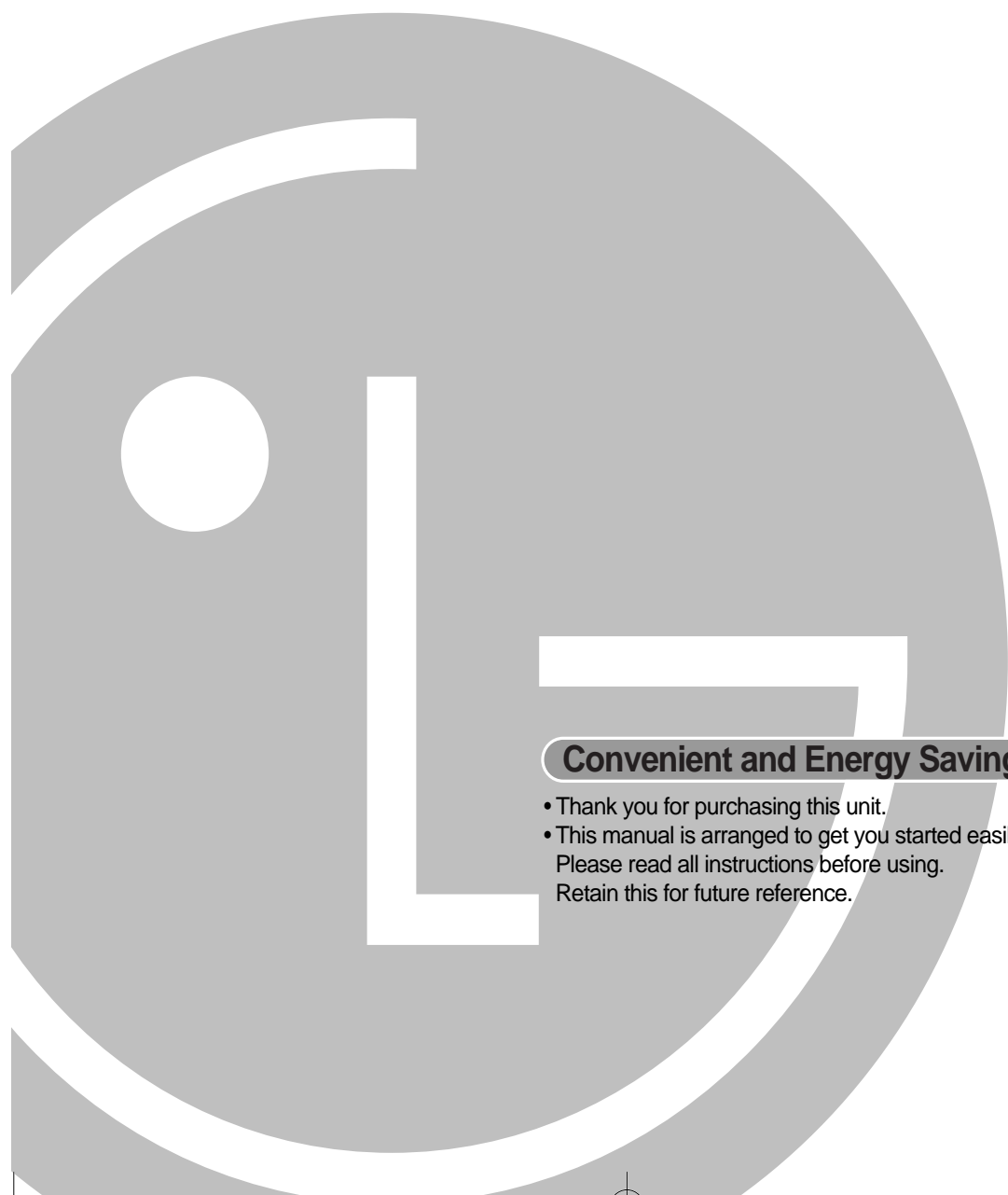




website <http://www.lgservice.com>

Dehumidifier Owner's Manual

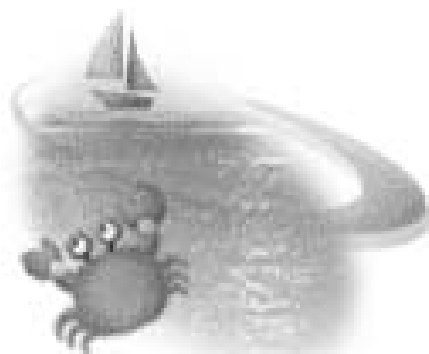
MODELS : DHB1260PL
DHB1660PL



Convenient and Energy Saving

- Thank you for purchasing this unit.
- This manual is arranged to get you started easily.
Please read all instructions before using.
Retain this for future reference.

Table Of Contents



Prior to Use

| | |
|------------------------------|-----|
| Safety Precautions | 3~6 |
| Names and Functions of Parts | 7~9 |

Operating Instructions

| | |
|-------------------------------------|----|
| Read the following before using/ | |
| How to Use | 10 |
| Mode Conversion | 11 |
| SPOT Dry | 12 |
| Laundry Dry ¥ Continuous/Auto Swing | 13 |
| Defrost Operation/FULL Mark | 14 |
| Operating the TIMER | 15 |
| Removing Collected Water | 16 |
| Continuous Drainage | 17 |

How to Use Ef ficiently

| | |
|---------------------|----|
| Normal Maintenance/ | |
| Long-term Storage | 18 |

Troubleshooting?

| | |
|-----------------------------|-------|
| Before you call for service | 19~20 |
|-----------------------------|-------|

Safety Precautions


- Read all instructions carefully before using.
- There are two kinds of safety precautions.


 **WARNING:** When mishandling, serious injury or death may occur.

 **CAUTION:** When mishandling, injury or material damage may occur.

- After reading this manual, retain for future reference.

Example of Illustration

 This symbol Prohibition allows the user not to do something.

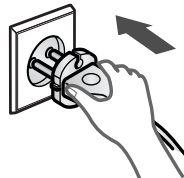
 This symbol alerts the user to do something.

 Remove the plug from the wall outlet.

WARNING

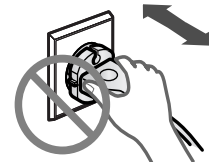
Connect the Power Plug completely to an AC Outlet.

- Dust or incomplete connection may cause electric shock or fire.



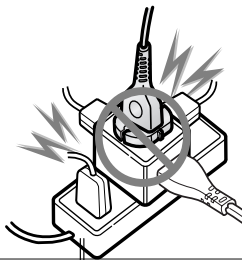
Do not turn off the Dehumidifier by pulling out the power cord.

- Electric shock or fire may occur.



Do not connect the power cord in the line or do not use an extension cord.

- Electric shock, overheating or fire may occur.



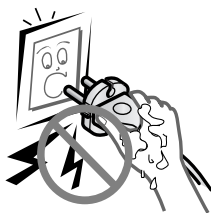
Do not damage Power Cord.

- Do not put heavy things on the unit, or add heat, which may cause electric shock or fire.



Do not plug or unplug with wet hands.

- Electric shock may occur.



Do not attempt to insert your fingers or stick to Air Inlet or Air Outlet.

- Fast rotating fan may cause injury.



Safety Precautions

⚠ WARNING

Do not try to repair the Dehumidifier by yourself.

This may cause electric shock or fire.

Refer servicing to your local dealer or Service Center.

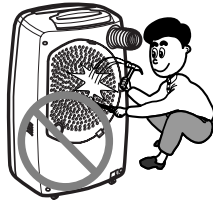
When abnormal conditions (burning smell, etc.) occur, stop operating, and unplug the Power Cord.

Overheating may cause fire or electric shock. Refer servicing to your local dealer or Service Center.

⚠ CAUTION

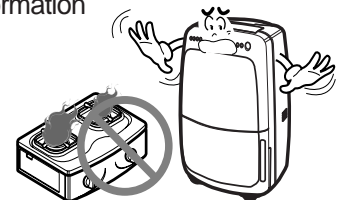
Never modify the humidifier.

- Shock hazard may occur. In the case of failure of the product resulting from modifications to the product, you must pay for all labor charges even during Warranty period.



Do not place the Dehumidifier near gas or electric burner.

- This may cause deformation due to incomplete combustion or heat.



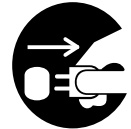
Do not put a pet or house plant where it will be exposed to direct airflow.

- This may harm the pet or plant.



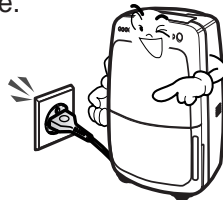
When abnormal (burning smell, etc.), unplug the Power Cord.

- Running the unit under abnormal condition may cause problems, electric shock or fire. Refer servicing to your local dealer or Service Center.



Do not connect to outlet other than designated one.

- It may cause problems or fire.



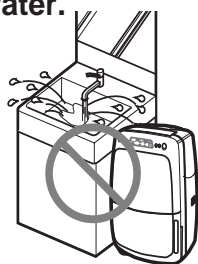
Do not block Air Inlet or Air Outlet.

- This may decrease dehumidifying capacity or cause problems.



Do not use the unit near water.

- It may cause fire or electric shock.



Do not wash the Dehumidifier with water.

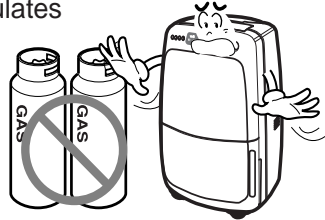
- It may cause electric shock or problems.



⚠ CAUTION

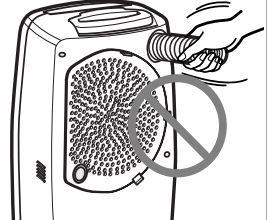
Do not store or use flammable vapors or liquids in the vicinity of the Dehumidifier.

- If leaked gas accumulates around the unit, it may cause fire.



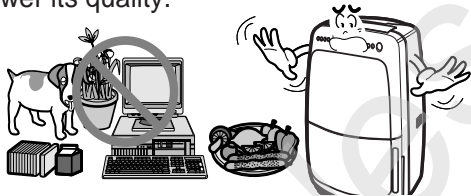
Do not pull the Spot Dry Hose.

- This may cause the hose deformed.



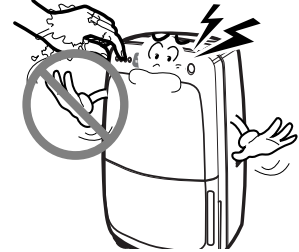
Do not use for other purposes.

- Never use to maintain precision machine, tableware or art work.
- It may lower its quality.



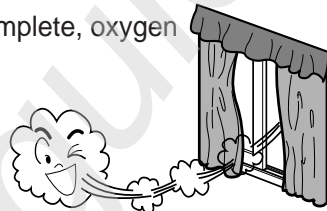
Do not handle with wet hands.

- It may cause electric shock.



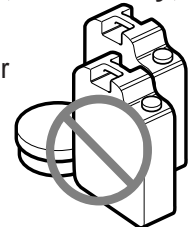
Ventilate from time to time.

- Be careful, especially when using with gas or electric burner.
- If ventilation is incomplete, oxygen may lack.



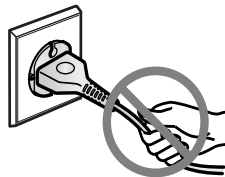
Do not use in places where chemicals are used. (Hospital, factory, laboratory, beauty parlor, etc.)

- Chemicals vaporized into the air or solvents may damage the unit, so water may leak, wetting furniture or facilities.



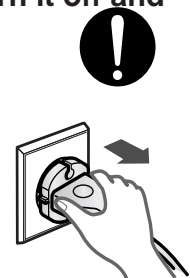
When unplugging the Power Cord, hold the plug body.

- If you pull the cord, the line may be cut off, which may cause fire.



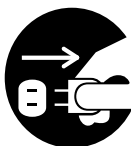
When cleaning your unit, turn it off and unplug the Power Cord.

- Since fan rotates at high speed, it may cause injury.



Remove the plug from the wall outlet when the unit is not in use for a prolonged period of time.

- Dust may cause overheating or fire.



When using for a prolonged time, check the room temperature.

- While using the unit, room temperature may escalate, so if you use it in closed room, user's temperature may go up.
- Be careful especially for children and seniors.

Safety Precautions

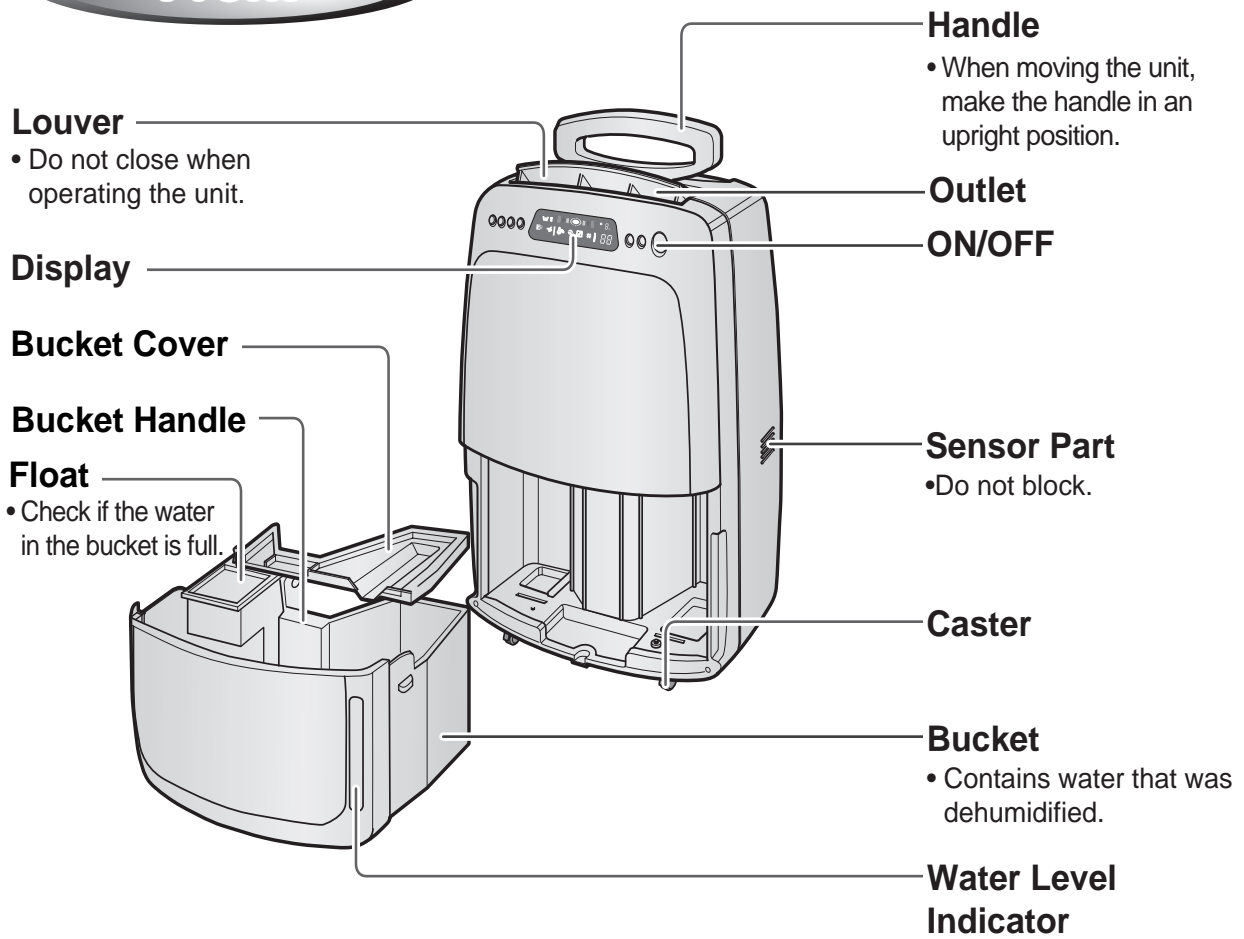
⚠ CAUTION

| | |
|---|--|
| <p>Do not sit on the Dehumidifier, and do not put objects on it.</p> <ul style="list-style-type: none"> • Falling off may cause injury. | <p>Do not put vase or water bottle on the Dehumidifier.</p> <ul style="list-style-type: none"> • When water is spilled, it may cause fire or electric shock. |
| <p>Do not use in a narrow space.</p> <ul style="list-style-type: none"> • Incomplete ventilation may cause fire. | <p>When moving the Dehumidifier, stop operating, and drain water in the Bucket.</p> <ul style="list-style-type: none"> • Dripping water may soak furniture, or may cause fire or electric hazard. |
| <p>Avoid locating the unit where sunlight will fall directly on it, and also do not expose it to rain.</p> <ul style="list-style-type: none"> • Overheating may cause fire or electric shock. | <p>When performing Continuous Drain, be sure to check the piping of the drain hose.</p> <ul style="list-style-type: none"> • Also be careful about bent hose and water level, and drain securely. When piping is insecure, water may soak gauze. |
| <p>Stop performing Continuous Drain if the temperature around drain hose becomes below 0°C.</p> <ul style="list-style-type: none"> • Water inside the hose may be frozen, which cause wetting furniture. | <p>Place the unit on a level, flat floor with a stable horizontal surface.</p> <ul style="list-style-type: none"> • If floor is unstable, vibration or noise may occur. Besides, inclining the unit may cause malfunction. |
| <p>Do not uncover float.</p> <ul style="list-style-type: none"> • Since the float cannot sense whether the bucket is full or not, spilled water may wet furniture or cause electric shock, or leakage of electricity. | <p>Do not use the tied Power Cord.</p> <ul style="list-style-type: none"> • Overheating may cause fire. |
| <p>Do not turn the handle around.</p> <ul style="list-style-type: none"> • It may cause handle to be damaged. | <p>Do not insert foreign objects or pour water into the humidity sensor hole.</p> <ul style="list-style-type: none"> • It may cause electric shock or problems. |

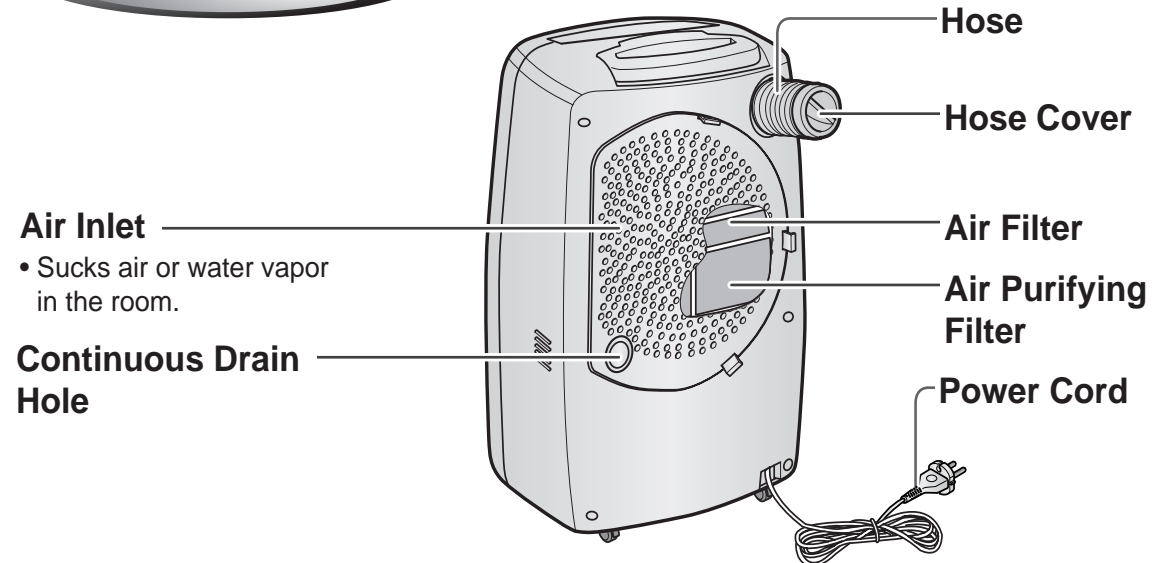
Names and Functions of Parts

ENGLISH

Front

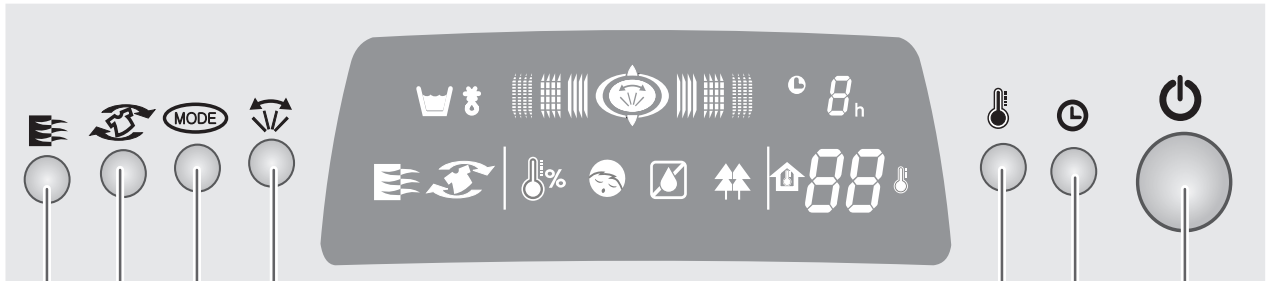


Rear



Names and Functions of Parts

CONTROL PANEL



Spot Dry Button

Laundry Dry•Continuous Button
Press it when drying laundry, operating continuously, or stopping the function. Under continuous operation, dehumidifying occurs irrespective of humidity of the room.

Mode Button
Each time that the Mode button is pressed, the mode is shifted:

- Automatic Dehumidification → Quiet Operation → Prevent Moisture condensation → Air Purifying.
- In the sequence above, lamp lights up.

AUTO SWING Button
•Exhaust louver handle converts exhaust direction.

Humidity Setting Button

Timer Button

ON/OFF Button
To turn the Dehumidifier on and off.

NOTICE

When using the Dehumidifier first time

Water may remain in the Drain Bucket, but this is the water generated when testing in the factory.

Tips when draining water

When taking out the bucket, use both hands carefully. If you take it with excessive force, water may spill.

Drain Bucket Handle

CONTROL PANEL

Humidity Indicating Lamp

Displays the present humidity and desired one. → 60 → 70 → 30 → 40 → 50

Timer Lamp

→ None → 1h → 2h ... 7h → 8h

Water Full Lamp

When water is full, red light will come on.

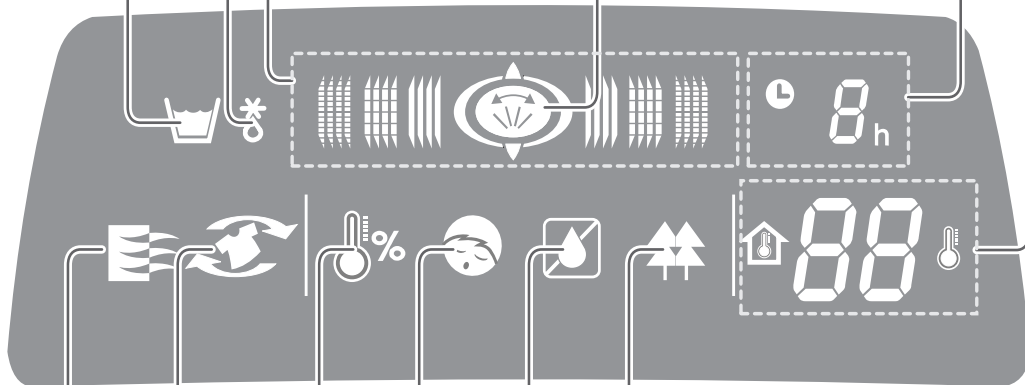
Defrosting Lamp

Airflow Indicating Lamp

Indicates airflow.

AUTO Swing Lamp

Indicates Louver is swinging.



Air Purifying Lamp

It removes room odor, and clean air.

Prevention Moisture Condensation Lamp

- Prevention Moisture condensation when room temperature decreases.

Quiet Operation Lamp

- Dehumidifies in Low Fan speed.

Automatic Dehumidifying Lamp

- Automatically controls dehumidification.

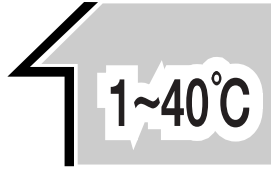
Laundry Dry • Continuous Operation Lamp

Spot Dry Lamp

Read the following before using/How to Use

Read the following before using

- 1 Operate at room temperature between 1~40°C.



- 2 Wait 3 minutes when operating dehumidification.

Immediately after stopping operation or plugging the Power Cord, dehumidifying operation will not occur for about 3 minutes to protect compressor. When the Dehumidifier start running, the noise increases.

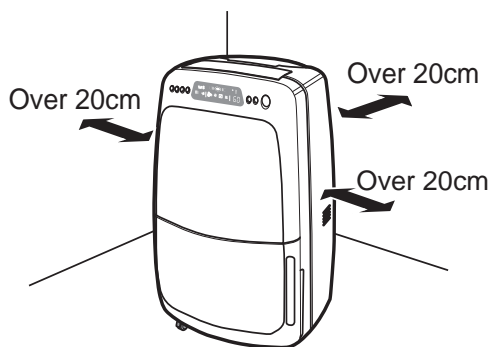
- 3 While the Dehumidifier is running, room temperature is raised by 2-3°C.

A Dehumidifier has no air-conditioning function. Rather, it generates heat while running. Hence, room temperature may increase by 2-3°C.

- 4 Remove the plug from the wall outlet when the unit is not in use for a prolonged period of time.

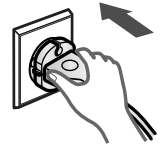
- 5 Allow at least 20cm of space on all sides of the unit for good air circulation.

If ventilation is not enough, air suction efficiency is not good.



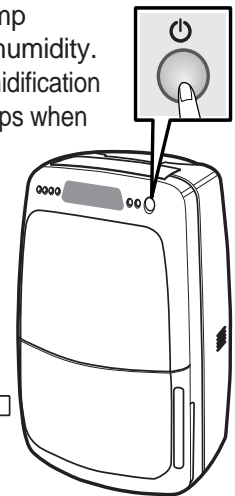
How to Use

- 1 Connect the Power Cord to the wall outlet.



- 2 Press the ON/OFF Button.

- Louver gets open.
- Automatic dehumidifying operation starts.
- Humidity Indicator Lamp indicates the present humidity.
- * Under Automatic Dehumidification Mode, dehumidifying stops when humidity drops below Set humidity.



- 3 Press the Humidity Setting.

- Setting Lamp will light up.
- → 60 → 70 → 30 → 40 → 50

- 4 Mode Button can be used to convert operations.

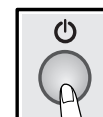
- Indicator Lamp selected will light up.
- → Automatic Dehumidification → Quiet Operation → Prevention Moisture Condensation → Air Purifying

- 5 Set the direction of air flow by using Louver.

Press the Auto Swing Button to adjust air flow direction.

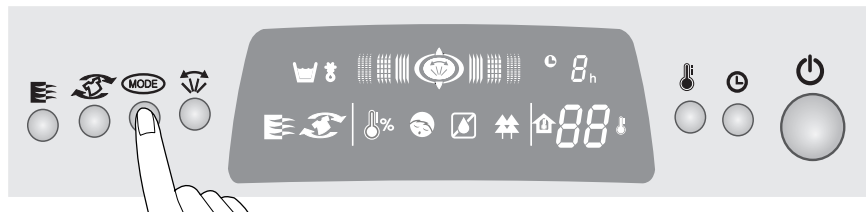
- 6 To stop operation, press ON/OFF Button once more.

- Louver gets closed.
- ON Indicator Lamp will light off.



Mode Conversion

Press the Mode Button.

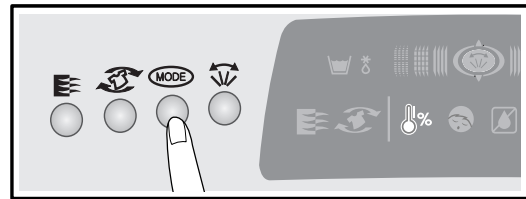


ENGLISH

Automatic Dehumidification

To maintain clean air.

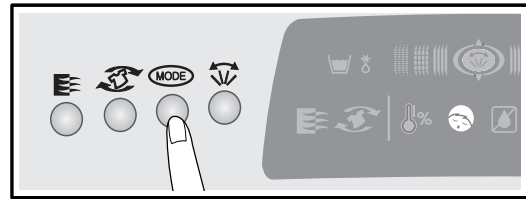
- Maintain humidity Setting by controlling the dehumidification and air flow.
- For about 2 minutes after the Dehumidifier starts operation, dehumidification starts irrespective of the humidity of the room.
- If humidity in the room gets below set humidity, dehumidifying operation stops, but fan will operate. (When humidity increases, the unit starts operation.)



Quiet Operation

To operate Quietly

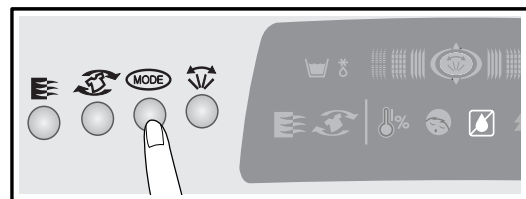
- Automatic operation of <low> Fan speed.



Prevention Moisture condensation

To prevent dew, when temperature in the room is low.

- Automatic operation of <High> Fan speed.
- Desired humidity is automatically set to 40%.

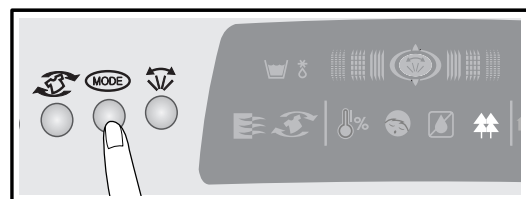


Air Purifying

When cigarette smoking, pollen, or bad odor contaminated the air.

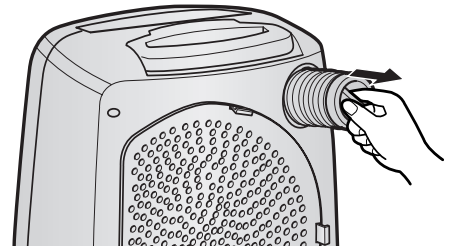
Air Filter makes air clean.

- At this time, dehumidification will not work.

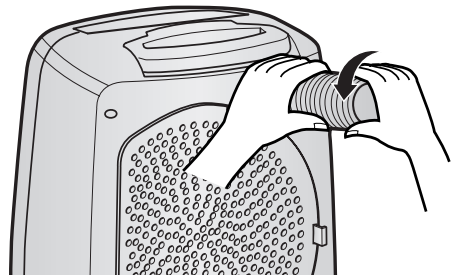


Spot Dry

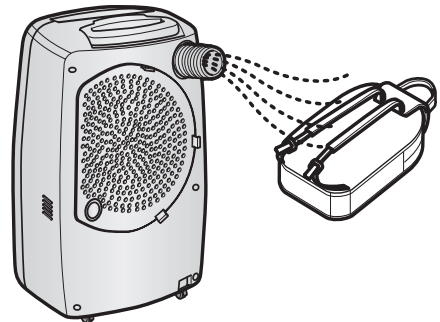
1 Take out the hose of the Dehumidifier.



2 Open the Hose Cover.

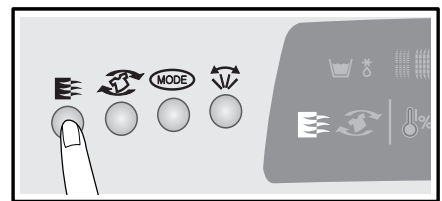


3 Take the hose to the direction at which drying is desired.



4 Pressing the Spot Dry Button, Lamp will light up.

- Wind coming out from the hose is dried, dehumidified air.

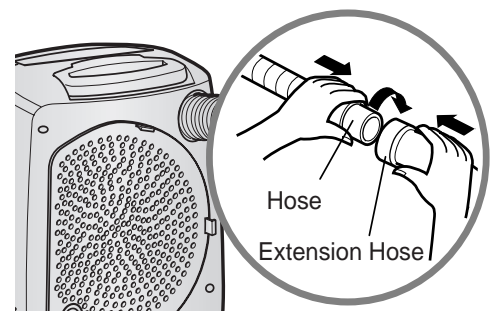


5 When the hose is not long enough, use extension hose.

! WARNING

Do not move the Dehumidifier by pulling the extension hose.

- This may cause the Dehumidifier to fall off, resulting in injury.



“COMP may stop for protect products in the case of using SPOT DRY function in the area where voltage is unstable”.

Laundry Dry•Continuous/AUTO Swing

Laundry Dry•Continuous

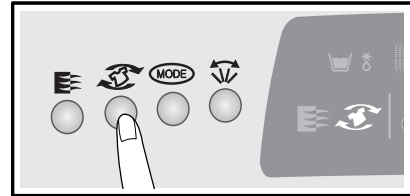
Dehumidifier can run non-stop to dry laundry, irrespective of room temperature.

1 Pressing Laundry Dry•Continuous Button, Laundry Dry•Continuous Lamp comes on.

2 Allow laundry to contact air flow.
Dehumidifier can run non-stop whether it is for drying laundry or not.

3 Remove water enough so that water drip from the laundry would not fall on the Dehumidifier.

4 To stop the operation, press the ON/OFF Button once again.



ENGLISH

AUTO Swing

By rotating Louver, air flow direction can be changed. Depending on the airflow direction, the sound level is varied. When sound bothers you, make the Louver in upright position.

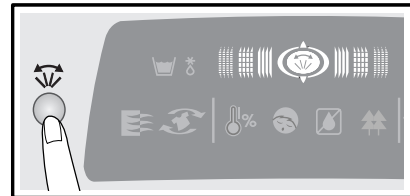
1 Press the AUTO Swing button.

2 Louver may stop temporarily due to location adjustment, but will start to move in a moment.

- When hands or objects touch Louver, consequently changing rotating angle, restart Swing operation.
- If you stop operation in AUTO Swing mode, next time when starting the unit, AUTO Swing mode will be selected.

3 To stop AUTO Swing operation, press the AUTO Swing button once again.

- When you want to stop the Louver with desired angle, press the Swing button when the Louver reaches the desired position.



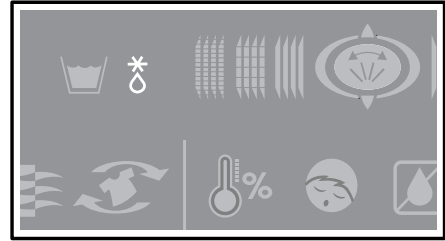
⚠ CAUTION

Do not insert fingers or stick into Air Inlet or Air Outlet. Don't touch the Louver. Fast-rotating fan may cause injury or malfunction.

Defrost Operation/FULL Mark/Operating the Timer/Humidity Setting

Defrost Operation

- During Operation, "(*)" are displayed and defrosting starts automatically. (At this time, operation sound changes.)
- When room temperature becomes below about 15°C, defrosting is executed once per 30 minutes for 5 minutes depending on room temperature (at the most).



Water FULL Indication

When the water bucket becomes full, the operation automatically stops and FULL Indicator lamp lights up.

- After emptying the bucket, when the bucket is replaced, FULL Indicator Lamp will turn itself off, and automatically the operation starts.
- When the water is FULL, Mode conversion is not possible.



Operating the TIMER

1 Be sure to check if the unit is running.

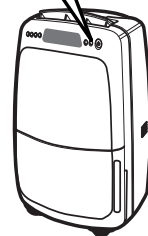
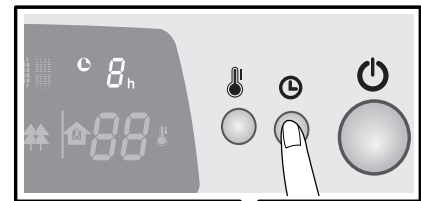
2 Press the TIMER button.

- Since TIMER converts in the following sequence, select the time setting. (1 hour interval)
- For every hour, the residual hours diminishes one by one.
- When time selected elapses, operation stops.

1h - 2h 7h - 8h - No Indication (Cancel Setting)

3 To cancel TIMER

- Press the TIMER button until <No Indication> is displayed.



Empty the bucket, and reset the time.

When the bucket gets full of water during TIMER operation, "FULL" indicator will light up and fanning will stop.

Humidity Setting

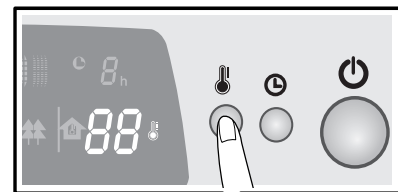
To dehumidify room automatically

1 Be sure to check if the unit is running.

2 Press the Temperature Select Button.

- Select Lamp will light up. • For every pressing. [60-70-80-40-50]

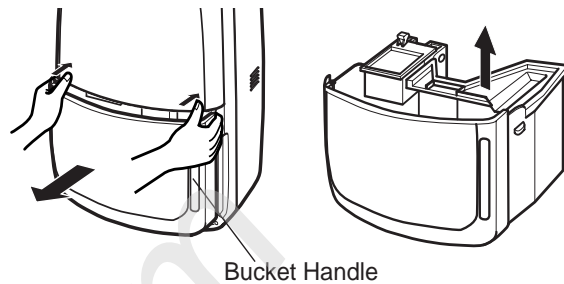
3 When the air reaches the humidity of your choice, the Dehumidifier will stop running.



Removing Collected Water

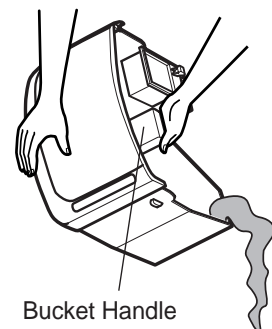
1 Take the bucket out.

- Take the bucket out with both hands, while grasping handles in left/right side of the bucket.
- Separate the bucket cover.
- When the bucket is full, it weighs about 5.7 kg, so carefully take out.



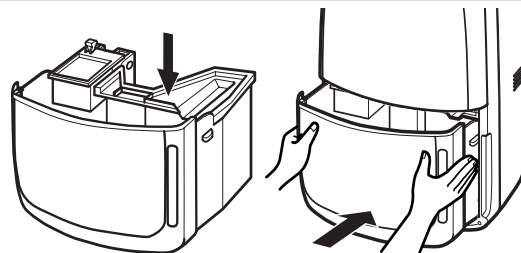
2 Pour the water down the drain.

- Carry the bucket by grasping bucket handle.
- After emptying the bucket, wipe water inside.
- If water remains in Float, "AUTO SHUT-OFF" Switch would not operate properly, when water is full. So, wipe completely.



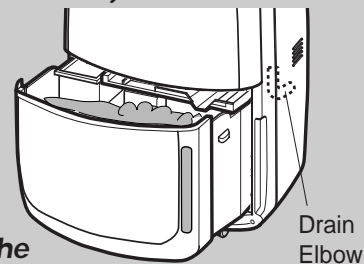
3 Replace the bucket properly.

- Make sure that the slots on the cover of bucket are positioned correctly.
- Push the bucket securely with both hands. If the bucket is not in the proper position, FULL Sensor will activate, so the Dehumidifier will not run.



⚠ CAUTION

- **Immediately after stopping the unit, take the bucket out.**
The water remaining in the cooling coils may fall to the inside of the unit.
(Wipe dripped water with soft cloth.)
- **After taking the bucket out, do not touch any parts inside the unit.**
The Sensor that detects Water FULL may not function well.
- **Rinse the inside of the water bucket periodically (once a week).**
If you do not clean for a prolonged time, the bucket may become blackened.
- **Drain elbow should be cleaned every six months.**
When drain elbow clogs, clean using cotton stick.
When drain elbow clogging is removed, water remained in the unit will come out, so prepare dishes and towels.
- **At a low temperature, frost builds up on the coils, so the amount of water in the bucket diminishes. But this is normal.**



Continuous Drainage

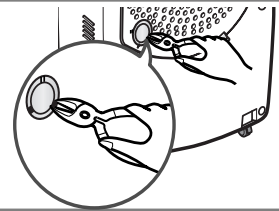
Precautions during continuous drainage

- This Dehumidifier is only for home. Every two weeks, check if filter contamination, drain hose clogging, restarting due to power failure.
- Do not use drain hose below 0°C.
(Water inside the hose may freeze, causing contamination etc.)

If a floor drain is available, continuous drainage is possible.
When servicing, stop running, and unplug the Power Cord from AC outlet.

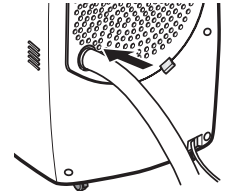
1 Take the bucket out, and open Continuous Drainage hole.

- Cut the Continuous Drainage hole at the back of the machine by nipper, and open it so that no object drops inside.



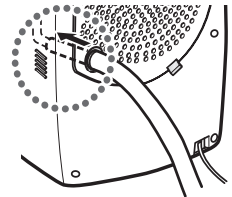
2 Plug the hose into the drain.

- While pressing Stopper, insert 15 mm hose (inner diameter) into continuous drainage hole. Make sure that there are no water leaks.

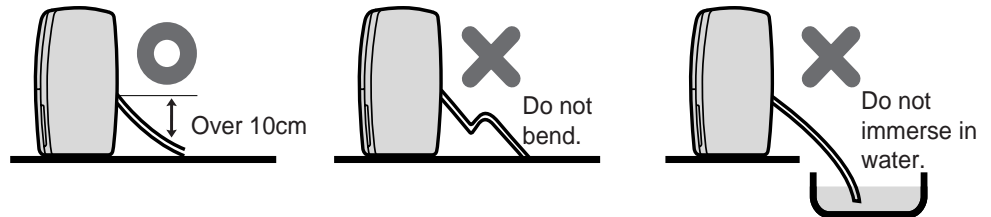


Replace the bucket properly.

If the bucket is not placed, the unit will not run.
("FULL" indicating sensor will operate, and the Dehumidifier will stop running.)

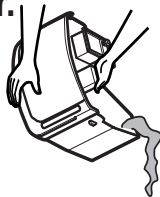


How to connect hose when making continuous drainage



Transport. (Use the Caster.)

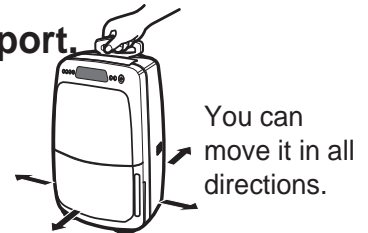
1. Drain the water.



2. Make the handle in an upright position.



3. Transport.



NOTICE

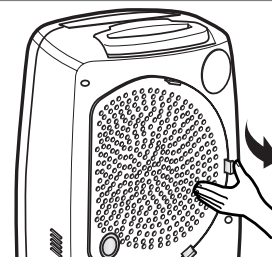
- When moving, pour out the water in the bucket to prevent water leakage.
- Transport by lifting the unit where it is moved to the floor with an unstable surface.
- Besides, avoid moving caster on soft carpet. The carpet surface may be damaged.

Normal Maintenance

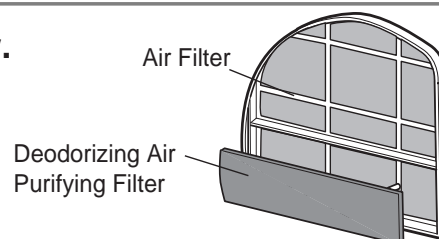
When servicing, unplug the Power Cord.

Cleaning Air Filter Clean every two weeks.

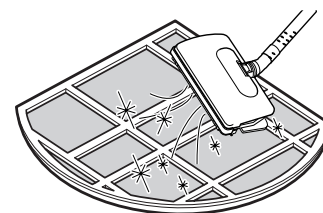
- 1 **Take the filter cover out.**
 - Remove it by pushing downwards.
 - Take the filter out.



- 2 **Take the Deodorizing Air Purifying Filter.**
 - Do not wash it in water.
 - When filtering effect disappear, replace it.



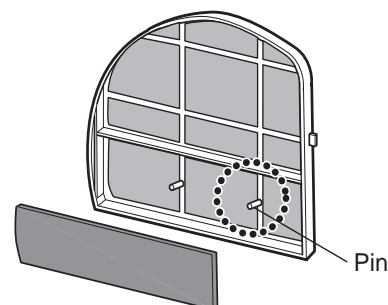
- 3 **Clean the air filter.**
 - When the white side (back side) gets brown or blackened, clean it.



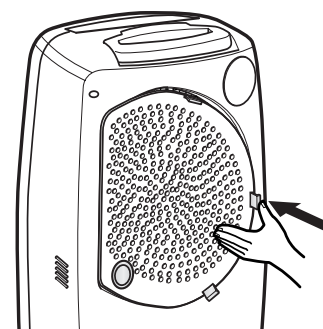
- 4 **Attach the Deodorizing Air Purifying Filter to the air filter.**

⚠ CAUTION

- The Deodorizing Air Purifying Filter is disposed after use.
- Filter life varies depending on the place where it is used, but it is desirable to replace every 4-5 months.



- 5 **Install the air filter.**
 - Push the handle until 'tick' sound is heard.



Normal Maintenance/Long-term Storage

Normal Maintenance

Main Unit

- Wipe with soft cloth.
- Do not wipe the Main Unit with water.
If washing the Main Unit with water, insulation gets contaminated.



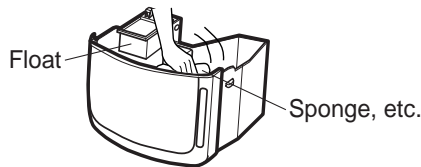
⚠ CAUTION

- Never use things as below.
These cause damage to plastics.
(thinner, benzene, acid, scrubber etc.)
- When using cloth with chemicals, follow the guideline.



Maintenance of Drain Bucket

- 1 Clean the bucket with water.

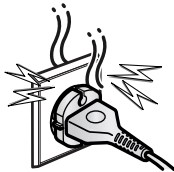


- 2 If water remains in the Float, the "AUTO SHUT-OFF" switch may not work properly, so wipes water completely.

Check periodically

In order to use safely, check the followings at least every 6 months or a year:

- 1 Check if power cord is too hot.

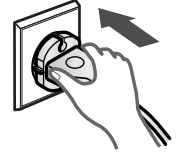


- 2 Check if power cord is damaged.



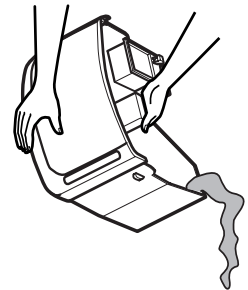
Long-term Storage

- 1 Unplug the Power Cord from AC outlet.



- 2 Remove water in the bucket completely.

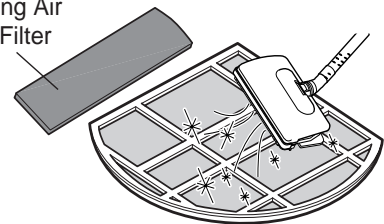
- After removing the lid of the bucket, wipe the water inside the bucket.



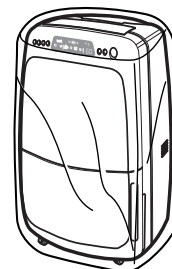
- 3 Clean the filter.

- Never wash the Deodorizing Air Purifying Filter with water.
- Otherwise, this filter will malfunction.

Deodorizing Air Purifying Filter



- 4 Let the filter dry for about 6 hours where sunlight will not fall directly on the filter and where ventilation is good. Then cover the filter and store in upright position.



Troubleshooting ?

Save time and money! Review the chart below first and you may not need call for service.

| Conditions | Check the following points |
|---|---|
| Dehumidifier does not start when operation buttons are pressed. | <ul style="list-style-type: none"> • The power cord is not pushed completely into the outlet. • The fuse is blown or circuit breaker is tripped. • Bucket is not in the proper position. • Water bucket is full. • Defrosting is under way. (Defrosting Lamp lights up.) <ul style="list-style-type: none"> - Sensor is operating. - If room humidity is lower than that you selected, the operation will stop. |
| Moisture removed is small. | <ul style="list-style-type: none"> • Air filter is clogged or usage period (about 5 months) has passed. • Air purifying mode is set. • Temperature and humidity in the room are low. • Air inlet or air outlet is clogged. |
| During Operation Mode, Dehumidifier does not dry the air as it should. | <ul style="list-style-type: none"> • Doors and windows may not be closed tightly. • Area to be dehumidified is too large. • There may be any vapor-generating object such as stove. • Air purifying mode is set. |
| Humidity indicated by the unit is different from real value. | <ul style="list-style-type: none"> • Humidity may differ depending on locations. |
| When fan noise occurs | <ul style="list-style-type: none"> • Floor is unstable. • Move the Dehumidifier and after removing the bucket, replace it. • Air filter is clogged. |
| The laundry would not dry as it should be. | <ul style="list-style-type: none"> • Dry air may not contact laundry. • Area to be dehumidified is too large. • There is too much laundry. |
| Operation and stop repeats alternately. | <ul style="list-style-type: none"> • Humidity may be automatically controlled by AUTO dehumidified Mode. |
| Water leaks. | <ul style="list-style-type: none"> • The Dehumidifier may have been skewed or fallen down. • During continuous drainage, hose connection has been incomplete or detached. |

Troubleshooting ?

Save time and money! Review the chart below first and you may not need call for service.

The following symptoms are normal

| | |
|--|--|
| <p>Compressor will not work.</p> | <ul style="list-style-type: none"> • For 3 minutes immediately after the unit is turned off or Power Cord is plugged, the unit will not operate to protect the compressor. • If the relative humidity in the room gets below the level you have selected, the Dehumidifier will turn itself off. |
| <p>During operation, noise increases suddenly.</p> | <ul style="list-style-type: none"> • When compressor starts to operate, (3 minutes after turning the switch ON, or in AUTO Mode) the noise increases. |
| <p>The volume of noise changes.</p> | <ul style="list-style-type: none"> • Depending on the angle of Louver, the volume of noise changes. |
| <p>During operation startup, operation conversion, or operation stop, a weird sound is heard in the unit.</p> | <ul style="list-style-type: none"> • Until coolant circulation gets stabilized, the sound of coolant may be heard. |
| <p>When the unit is used first time, there is a smell in the wind.</p> | <ul style="list-style-type: none"> • As the temperature of heat exchanger increases, temporarily a smell may be generated. |
| <p>Warm wind comes out.</p> | <ul style="list-style-type: none"> • Since the air that was dehumidified by cooling gets warm by the condenser, the airflow gets warm. (There is no cooling function.) |
| <p>The angle or operation of Louver is abnormal.</p> | <ul style="list-style-type: none"> • Press the AUTO Swing Button again. |
| <p>There are liquid or white marks in the bucket.</p> | <ul style="list-style-type: none"> • This is the water generated in the factory test, or the trace of water evaporation. This is normal. |