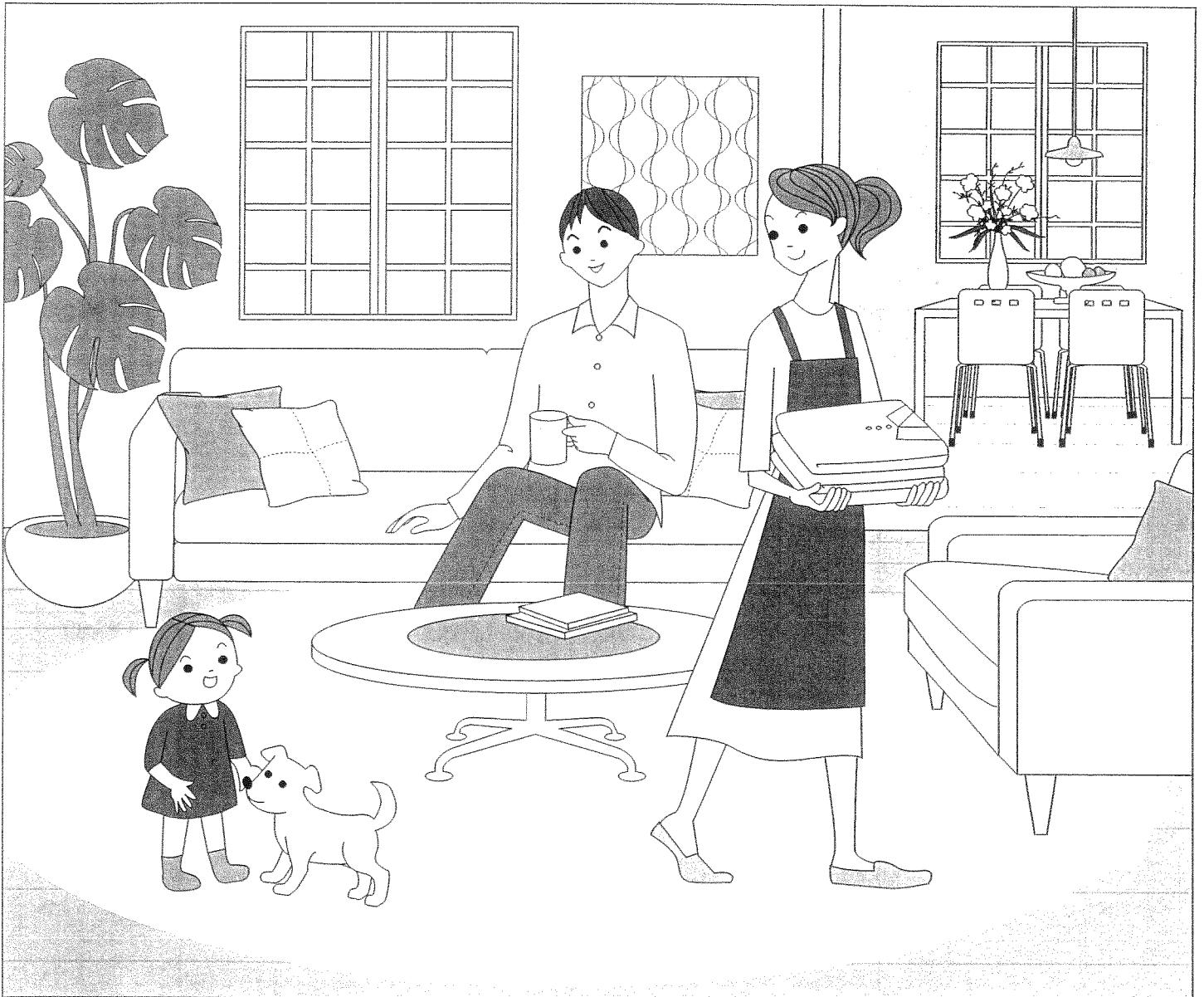


Panasonic

Operating instructions Dehumidifier

Model No. **F-YZJ90H**



Includes Warranty

Thank you very much for purchasing Panasonic product.

- Please read the operating instruction and Warranty terms carefully in order to use the dehumidifier correctly.
In particular, be sure to read the "Safety precautions" section (page 6-9) before use to ensure a safe operation.
Keep the operating instruction in a safe place along with the warranty documentation for future reference.
- Correct information shall be written on warranty card including date of purchase and name of distributor.
Warranty card shall be provided upon purchase.

Use wisely to save power

Dehumidify and dry clothes easily!

Efficient dehumidification in humid seasons.

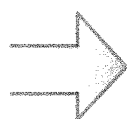


Powerful dehumidification during cold seasons.

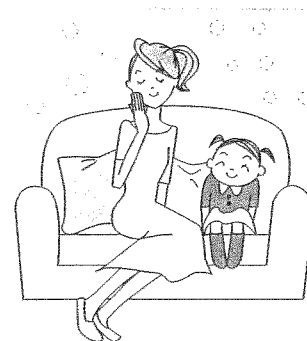


Room humidity control


- To maintain a pleasant humidity...
- To remove humid air...
- To dehumidify quietly...

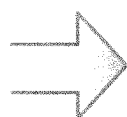


Page
13



Dry clothes

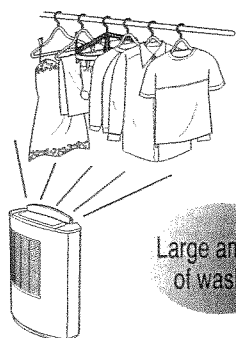
- To dry clothes automatically
ECONAVI operation ( page 23)
- To dry clothes quickly...



Page
13

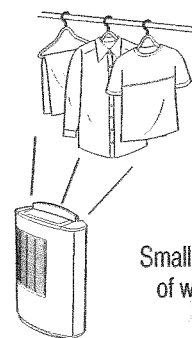


■ About ECONAVI (page 23)

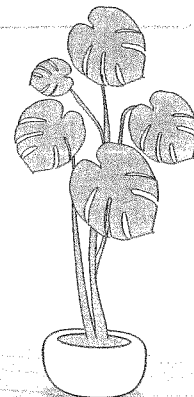
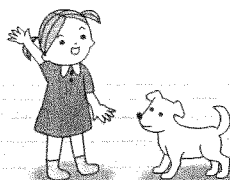
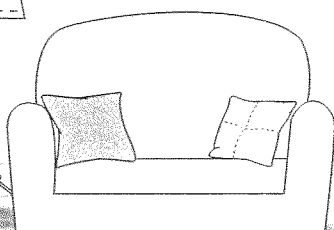


Large amount
of washing

ECONAVI judges the amount of washing and uses this to automatically stop drying in order to avoid wasted operation.

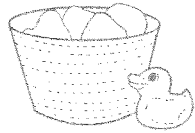


Small amount
of washing





Dry out the bathroom after a bath.

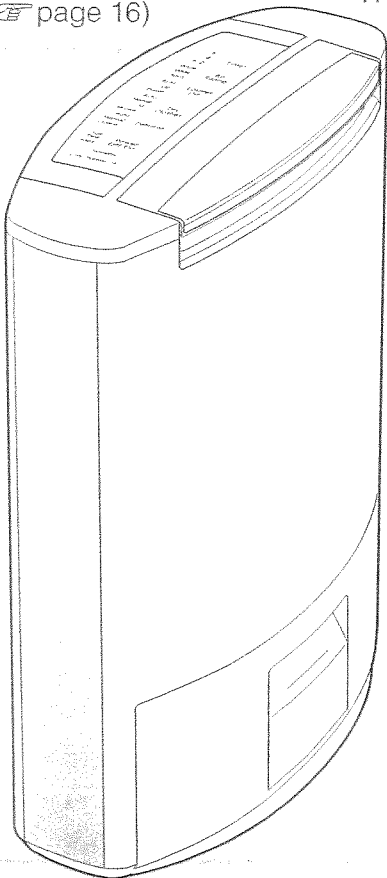
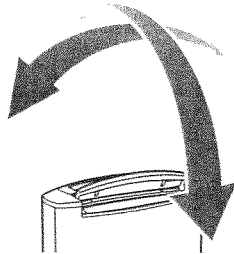


● Utilize in cold temperatures with desiccant technology!

(Effectiveness of desiccant technology page 10)

● The multi-directional swing mechanism allows you to blow air in a range of directions to dry any shaped room.

(page 16)



● Stop automatically when your clothes are dried.

(Operating modes page 14)

Contents

Page

Before use

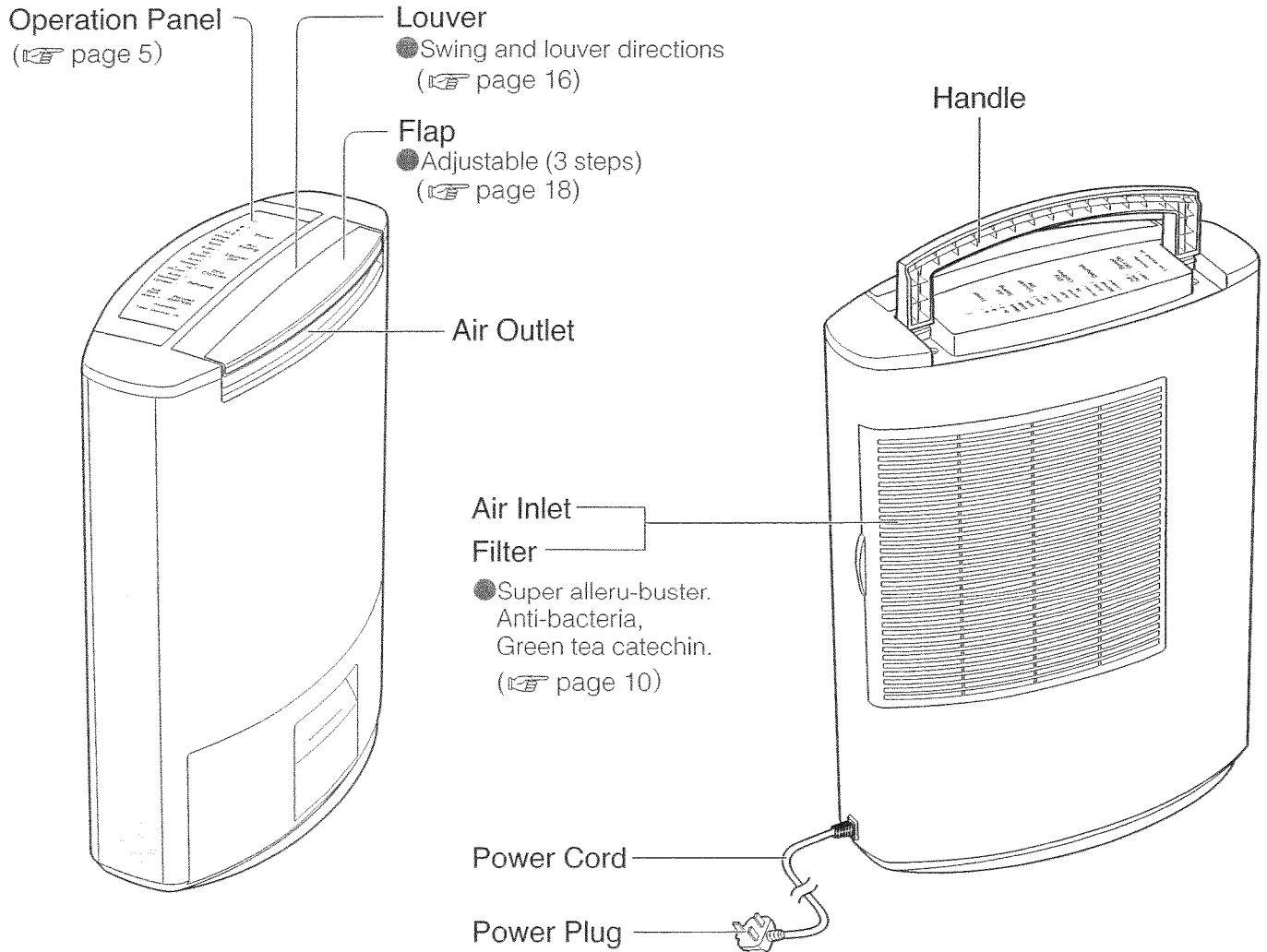
- Part names 4
- Safety precautions 6
- Before use 10
 - Effectiveness of desiccant technology 10
 - Effectiveness of the filter 10
 - Positioning the dehumidifier 11
 - When operating 11

How to use

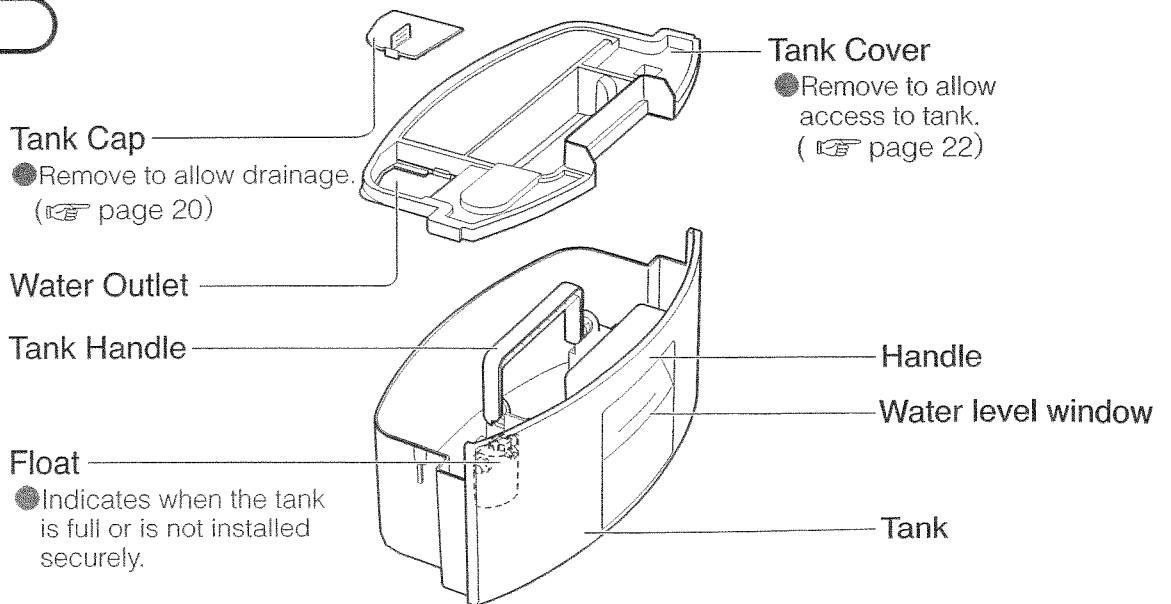
- Operating the dehumidifier 12
 - Room humidity control 13
 - Dry clothes 13
- Tips for drying clothes 14
- Adjusting the air swing and louver directions 16
- Useful functions 18
 - Timer 18
 - Louver directions 18
 - Flap 18
- What to do if... 19
- Empty the tank 20
 - When the tank is full 20
 - Removing and installing the tank 20
- Maintenance 21
 - Filter/ Main unit 21
 - Tank 22
 - When not using the unit for long period of time... 22
- Drying clothes 23
- Troubleshooting 24
 - Identify the problem 24
 - Under normal operation 25
 - When the Alert indicator lights up 25
- Specifications 26

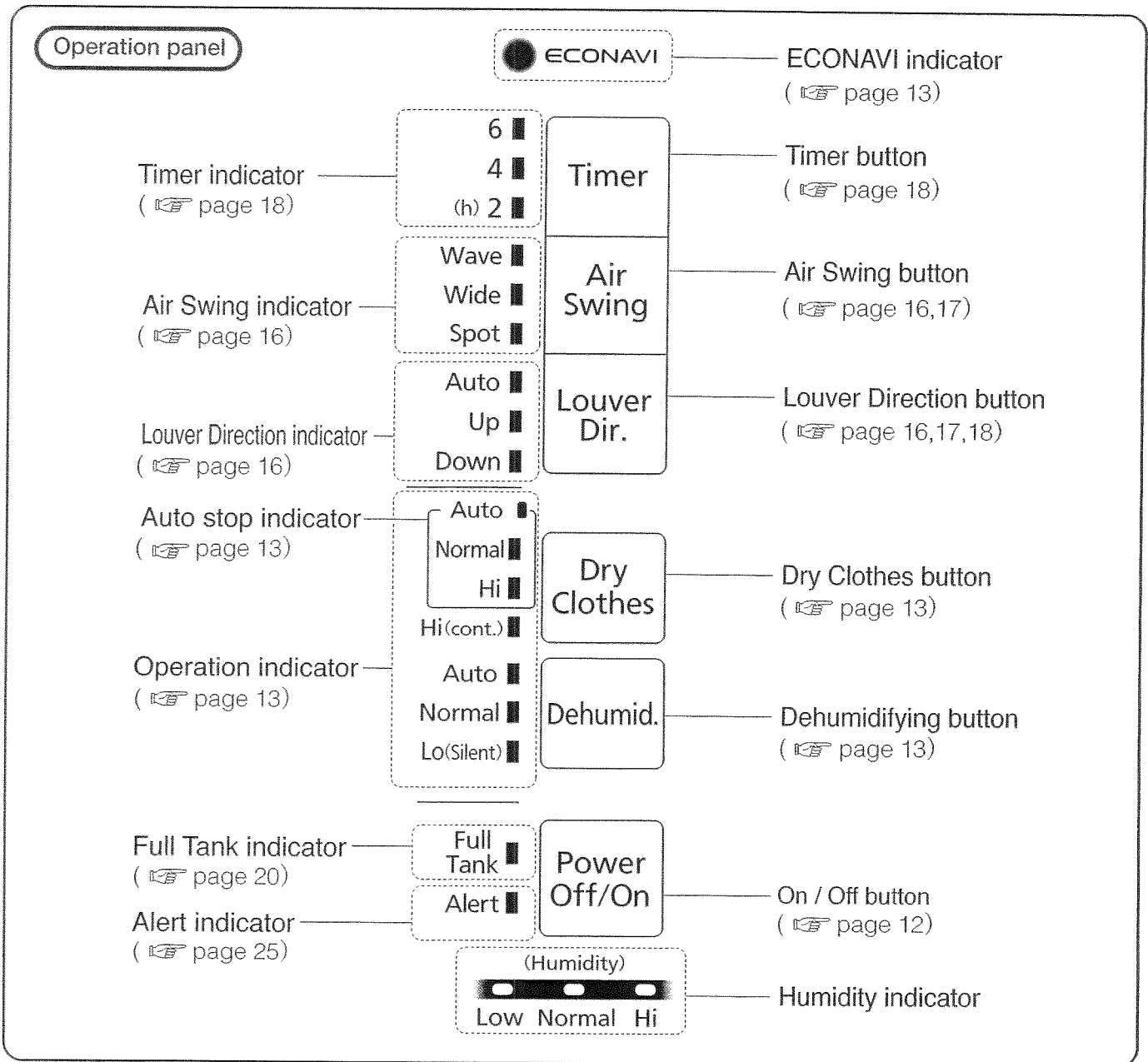
Part names

Main unit



Tank





Humidity indicator

- Low Humidity (Red) : 40%–
- Normal Humidity (Green) : 40–60%
- Hi Humidity (Red) : 60%+

● Under normal humidity condition, the green Humidity indicator lights up.

● Humidity varies under different temperature even though same amount of moisture exists in the air.

(Humidity can also vary according to airflow. So, air temperature and airflow can make a difference of humidity condition between a room hygrometer and the Humidity indicator on the dehumidifier.)

Safety precautions

Be sure to observe the following safety precautions in order to avoid possible injuries or property damages of yours or others.

■ The following symbols indicate the degree of possible dangers if the relevant precautions are ignored:



WARNING

Failure to follow directions marked with this symbol may result in serious personal injury or death.



CAUTION

Failure to follow directions marked with this symbol may result in personal injury or property damage.

■ Precautions are classified using the following symbols:



This symbol indicates that caution is advised.



This symbol indicates an action that must NOT be performed.



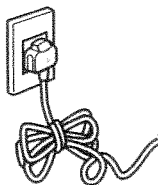
This symbol indicates an action that must be performed.

! WARNING

■ Do not damage the power cord or plug.



No!



Do not scratch, alter, bend excessively, twist, pull, or place heavy items on the cord or plug. When the unit is in use, do not bend the cord.

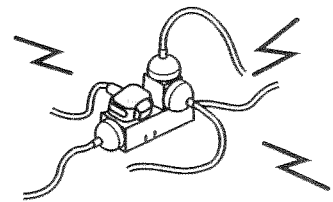
Using a damaged cord may cause electrical shock, short circuit or even fire.

- To repair the cord or plug, please contact the dealer where the dehumidifier was purchased.

■ Do not exceed the rating of the power outlet or connection device. Use only with a 220 VAC power source.



No!

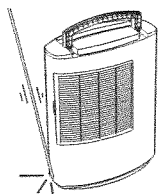


Exceeding the rating by using a multi-connector or other such devices can build up heat or may cause fire.

■ Do not use the dehumidifier while the power cord is pulled tight.



No!

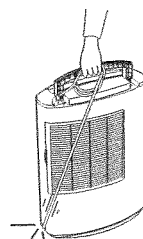


It may cause a short-circuit or damage the wires inside the cord, and fire or electric shocks may occur.

■ Do not pull on the power cord when carrying or storing away the dehumidifier.

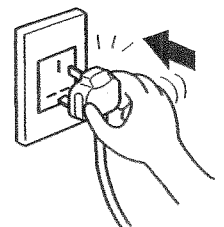


No!



It may cause a short-circuit or damage the wires inside the cord, and fire or electric shocks may occur.

■ Insert the plug fully into the power outlet.

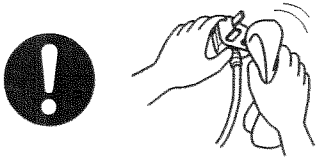


Failure to insert the plug fully can lead to electrical shock and overheating or may cause fire.

- Do not use a damaged plug or a loose power outlet.

! WARNING

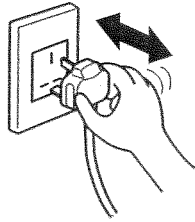
■ Remove dust and dirt from the plug regularly.



Accumulated moisture on the plug may lose the effect from the insulating layer of the plug or cause fire.

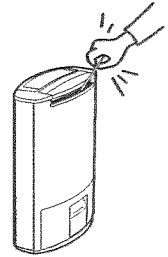
- Pull out the plug and wipe it with a dry cloth. Pull out the plug whenever the unit is not in use.

■ Do not start or stop the unit by either inserting or pulling out the power plug.



This can lead to overheating that may result in electrical shock or fire.

■ Do not place pins, needles or other metal objects in the air outlet or other openings.

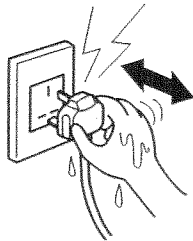


Doing so can cause electrical shock or injury due to contact with internal parts.

■ Do not insert or pull out the plug with wet hands.



No wet hands!



Doing so may result in electrical shock.

■ If you notice anything unusual situation (such as a burning odor), turn off and unplug the unit.



Unplug!



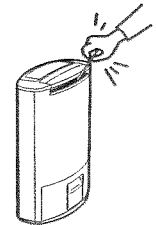
Overheating can result in electrical shock or fire.

- Consult the store or repair center of the distributor where the unit was purchased.

■ Do not place fingers or other objects in the air inlet or outlet. Do not place metal objects in openings in the unit.



Danger!
Rotating Object

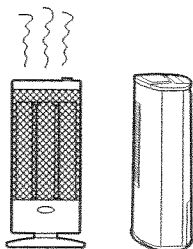


Doing so can cause electrical shock or injury by the fan rotating inside the unit.

■ Do not place the unit near a heat source.



Keep away from flames!



Plastic parts may melt and cause fire.

■ Never try to take apart or repair the unit by yourself.



Do not take apart!



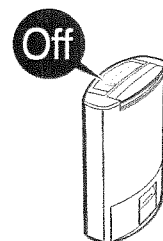
Doing so can result in electrical shock or fire.

- Consult the store where the unit was purchased for repairs.

■ Before cleaning, turn off the power and unplug the unit.



Unplug!

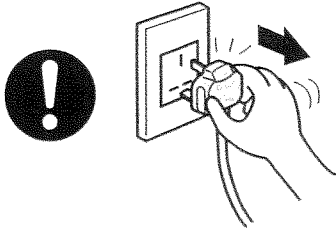


Failure to do so may result in electrical shock or injury, as the unit will start in sudden.

Safety precautions

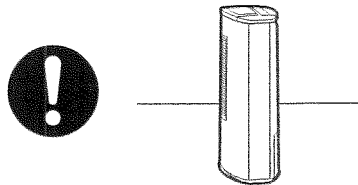
CAUTION

- Pulling out the power cord of the unit by holding the plug but not the cord.




If the cord is pulled directly, it may cause short-circuit or damage the wires inside the cord. Fire or electric shock may occur.

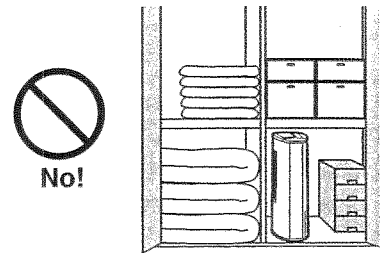
- Place the unit horizontally on sturdy section of the floor.



If the unit falls over, water may spill out and damage belongings or cause electrical shock or fire.

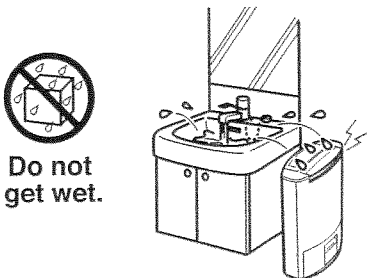
- If the unit falls over, immediately return it to an upright position. ( Page 20)

- When using in closets or shoe closets, doors should keep open.



Lack of ventilation can cause overheating or fire.

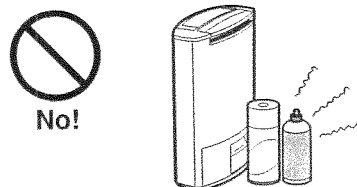
- Do not place the unit in areas where water may splash onto the unit.



Do not get wet.

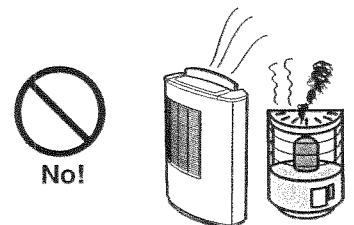
Doing so may result in electrical shock or fire.

- Do not put in places where there is a danger of leaking oil or flammable gas.



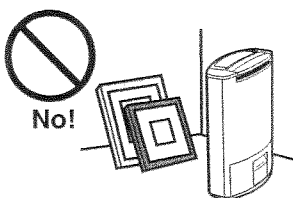
Leaking gas may accumulate near the unit and a spark can cause a fire.

- Do not use combustion type appliances, such as kerosene heaters, in locations directly exposed to the air outlet.



Doing so can cause incomplete combustion in the appliance and result in carbon monoxide poison.

- Do not use for humidity control in storing valuable paintings or important documents.



Doing so may result in deterioration of the paintings or documents.

- Do not drink the water collected by the unit or use it as pet feeding purposes.



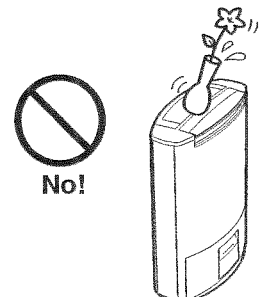
Drinking this water can cause illness.

- Do not wash the unit directly with water.



Doing so can short the circuit or result in electrical shock.

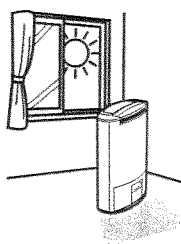
- Do not place flower vases or other water containers on top of the unit.



Water may spill onto the unit and result in insulation failure, electrical shock or fire.

⚠ CAUTION

■ Do not expose the unit to direct sunlight or rain.



Doing so may cause the unit to heat up or result in electrical shock or fire.

■ Do not cover the air inlet or outlet with clothes or towels.



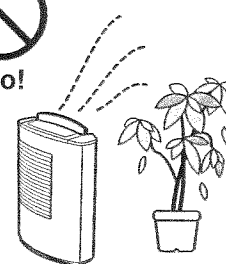
Poor ventilation can lead to overheating and fire.

■ Do not climb upon or sit on the unit.



You may fall or knock over the unit and result in injury.

■ Do not place plants or animals near air outlet.



This may have a negative effect to the plant or animal.

■ Extra care should be taken when using this unit around the following persons:

(infants, children, elderly, and people who are unable to make humidity adjustments.)



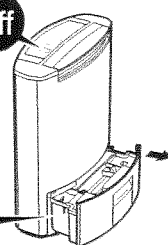
The heat generated by this unit can increase room temperature. Facing directly the exposure airflow from the unit for extended periods of time can result in discomfort or dehydration.

■ Before moving the unit, turn off the power and empty the water in the tank.



Off

Empty the tank.

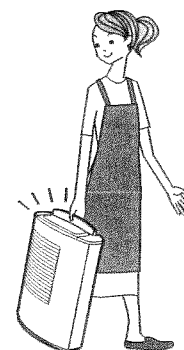


Water may spill onto household items and result in electrical shock or fire.

■ Do not lift the unit by holding the louver.



No!



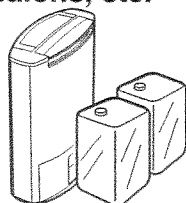
The unit may fall and result in injury.

- Be sure to use the handle when lifting the unit.

■ Do not operate the unit in areas where chemicals are in used or stored, such as hospitals, factories, laboratories, beautician salons, etc.



No!



Air with those evaporated chemicals and any that kind of substances may degrade the unit and result in the leakage of collected water onto household items.

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.

Children should be supervised to ensure that they do not play with the appliance.

Attention

If any of the following conditions occur, turn off the unit and contact with the dealer or service center immediately.

- If any of the switches doesn't work.
- If the circuit breaker is tripped or a fuse blows.
- If the power cord or plug becomes abnormally hot.
- If you notice a burning smell or an abnormal sound or vibration.
- If there is any other abnormality or malfunction.

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.

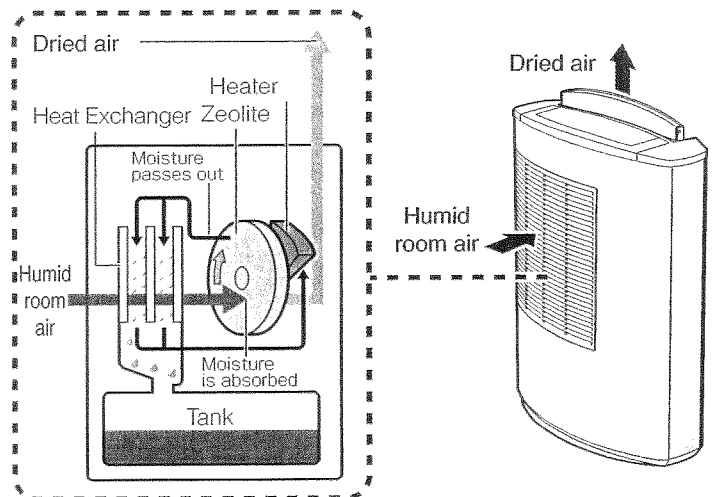
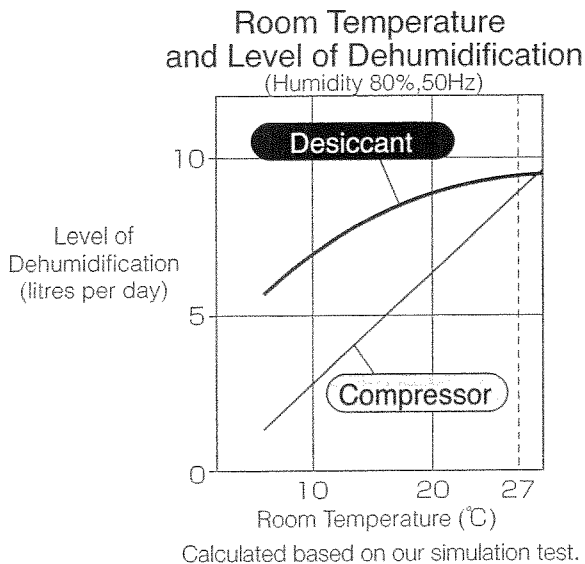
Before use

Effectiveness of desiccant technology

Desiccant is a dehumidification method that does not use coolants. Thus, it helps protect our global environment. Furthermore, its dehumidifying capacity does not drop even the room temperature is low (☞ see figure below), so it can still achieve its dehumidifying capacity even on cold winter days.

Explanation

- Desiccant (a material with strong water absorption ability) absorbs the moisture and then expels dried air. That moisture is turned into drops of water in the heat exchanger and is collected in the tank.



Effectiveness of the filter

Super alleru-buster, Anti-bacteria, Green tea catechin

Super alleru-buster

- To inhibit allergen.
Restrain the activity of allergens caught by filter.
※Dust mites (dead bodies, droppings), Pyroglyphidaers (dead bodies, droppings), cedar pollen, ragweed pollen, orchard grass pollen, dog dandruff, cat dandruff, mold, fine wheat powder and cypress (12 types).
- Testing Facility: Osaka Municipal Technical Research Institute
- Testing Method: Apply with enzyme immunoassay method providing the reduction on refined allergens.

Anti-bacteria

- To remove bacteria and mold
To restrain the reproduction of the bacteria caught by filter.
- Testing Facility: Japan Food Research Laboratories
- Testing Method: Confirmation by applying an outdoor planting method in a standard outdoor culture center.

- Green tea catechin is also added to the filter.

Please Note

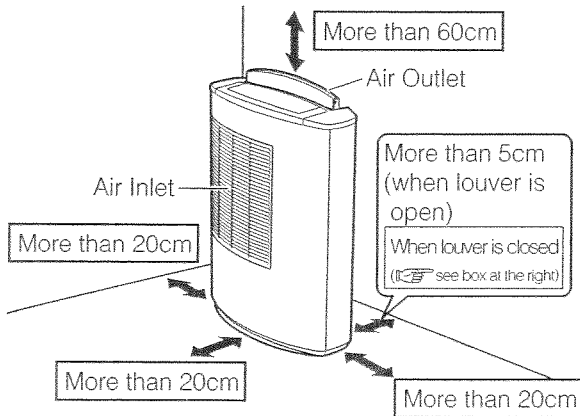
- The filter may have some light brown color dots on it. But please use it as normal and it does not affect the filter performance.
- The composite filter has an unique fragrance from catechin that does no harm to human body.

Important

- **Please do not use the unit while the filter is removed.**
- The performance of the filter cannot be judged.
- If dust is collected within the appliance, break-down may result.

Positioning the dehumidifier

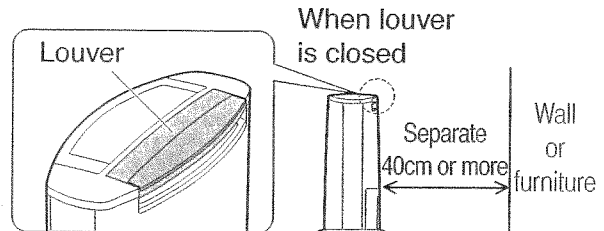
When using the unit near walls or other furniture, please keep the distance in between as below. (With bad ventilation, the temperature may rise and may result in breakdown of the unit.)



- When using the unit near a TV or radio, please keep at least 1m gap. (Otherwise, image disturbance or white noise may happen.)

Use with louver Closed

Please make sure there is at least 40cm between the unit and any walls or furniture.



If the appliance is located too close to a wall or furniture, there will be too little space for the air to escape and the unit may overheat and result in the Humidity indicator working incorrectly.

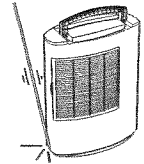
! WARNING



No!

Do not use the dehumidifier while the power cord is pulled tight.

It may cause a short-circuit or damage the wires inside the cord, and fire or electric shocks may occur.



When operating

- Room temperature will rise while the dehumidifier is in operation, but this is normal. Heat is emitted while in operation. Varies depending upon the room size and air flow, this rise can be from 3 to 8 degrees Celsius. If room temperature gets too high, set the appliance to Auto mode. (In this mode, the temp. rise can be reduced.) (see page 13)
- It is recommended to keep doors and windows closed while the unit is in operation. Opening doors and windows can affect room temperature and humidity level, it may then take longer time to dehumidify or dry clothes.
- The indoor odor caused by wall or furniture in the room will be reproduced in the air outlet. (see page 24 for information on any smell from the appliance.)
- Operation is possible at room temperatures from 1 to 40 degrees Celsius, and at a humidity above 20%.

At a room temperature outside the range of 1 to 40 degrees Celsius, the dehumidifying operation will stop and only air circulation will occur. Additionally, when below 20% humidity, the unit will stop all operation as a protective measure.

(see page 25 for information about when the Alert indicator lights up.)

- The dehumidifying capacity is reduced as the room temperature and humidity fall.

If same room is dehumidified continuously, the humidity in the room will become low and the dehumidifying capacity is also reduced.

- Condensation and mold may appear.

Despite the dehumidifier operates, it is possible that condensation and mold could still appear on a window facing outside or in areas with poor ventilation (such as behind furniture).

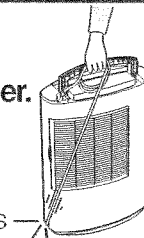
! WARNING



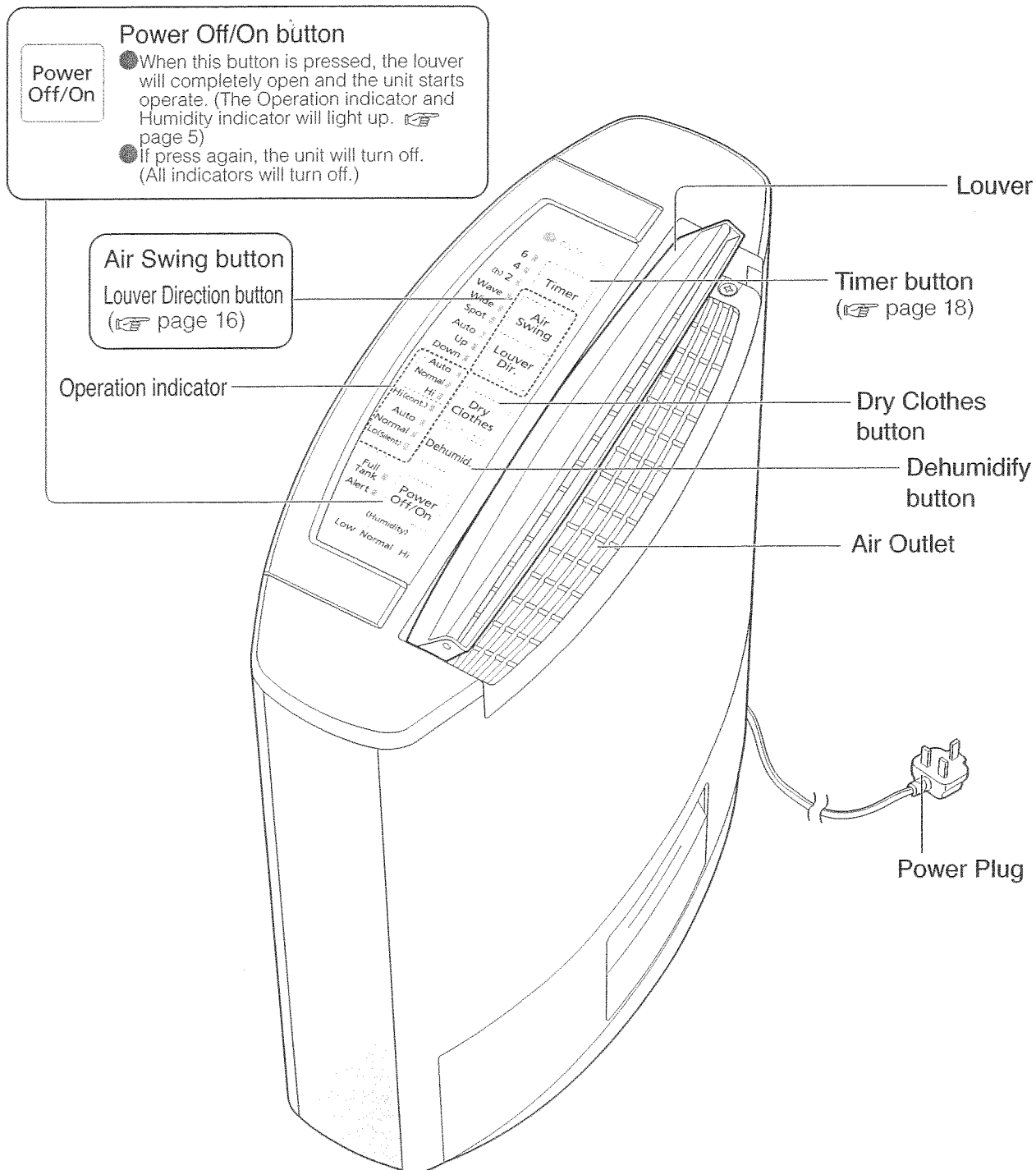
No!

Do not pull on the power cord when carrying or storing away the dehumidifier.

It may cause a short-circuit or damage the wires inside the cord, and fire or electric shocks may occur.



Operating the dehumidifier



Important

- Be sure to wait for 2 minutes before unplugging the power cord. (The fan will operate for about 2 more minutes after the unit is turned off for cooling down the heater.)
- Do not place objects on top of the unit. (They may cause operating malfunctions or other problems.) In particular, do not place magnets or metallic objects on the unit. If the unit tips over, the built-in magnet for automatically stopping operation will operate, the indicators will illuminate and operation will stop. (page 25)


Note

- "Auto" mode will automatically switch the heater on and off in order to maintain a humidity of 55%. (If humidity is less than 55%, operation will stop.)
- When you press a button to turn the power on or off or switch the operating mode, the unit will make a clicking sound. However, this is not a malfunction.
- If no buttons are pressed for 24 hours, operation will stop automatically to prevent if you forget to turn off the unit.
- When the unit starts in "Lo" speed mode, the fan will blow at a medium level for the first two seconds.

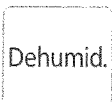
When dehumidifying or drying clothes, first make sure the louver is opened.

Room humidity control

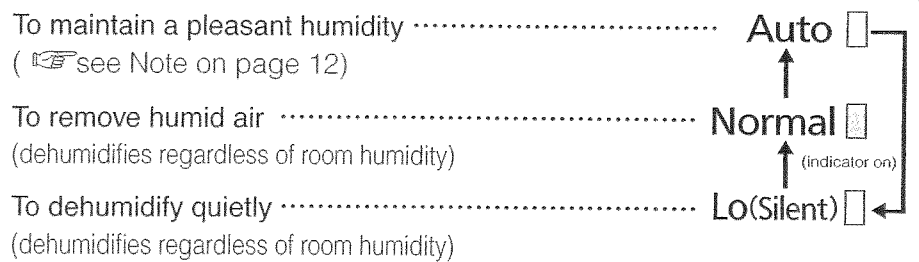
1 Insert the power plug into wall socket.


Press 

● The louver fully open and the unit starts to operate in "Normal" mode. (Indicator lights up.)


2 Press  and select operation mode.

● When pressed, the mode and the indicator will change. (Indicator lights up.)



3 Choose air swing pattern and louver directions. ( page 16)


Dry clothes

Please read
"Tips for drying clothes"
carefully
( page 14)

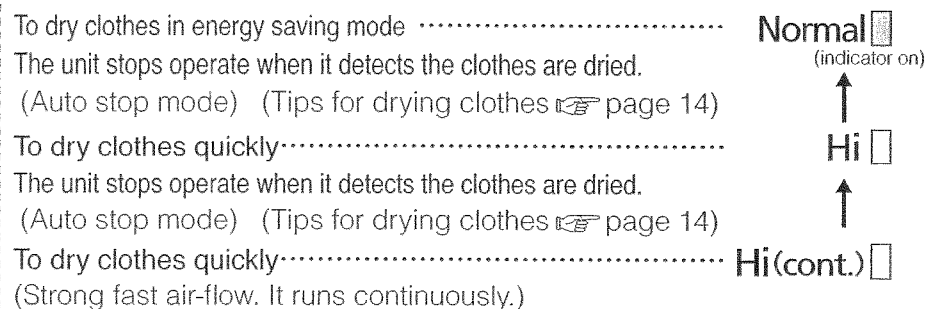
1 Insert the power plug into wall socket.

Press 

● The louver fully open and the unit starts to operate in "Normal" mode. (Indicator lights up.)

2 Press  and select operation mode.


● When pressed, the mode and the indicator will change. (Indicator lights up.)




● When "Normal" or "Hi" is chosen, the ECONAVI indicator and Auto stop indicator light up.

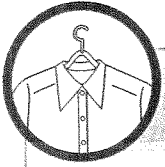
● When a timer is set up at the time of "Normal" or "Hi" operation, the ECONAVI indicator and Auto stop indicator will not display.

■ ECONAVI

- Only function when you select "Normal" or "Hi".
- The dryness sensor detects the temperature and humidity, and uses this as a reference to judge the level of dryness in order to stop operation automatically.
- Want more information → "About drying clothes" ( page 23)

3 Choose air swing pattern and louver directions. ( page 16)

Tips for drying clothes



For drying

Shirts, etc.

Firmly fasten the buttons.

Light underwear, etc.

Fasten securely to a hanger.

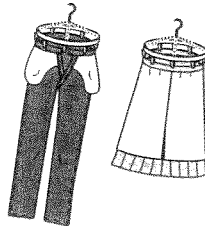
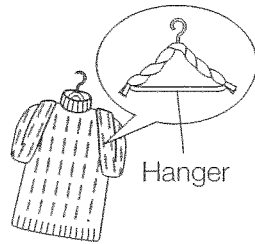
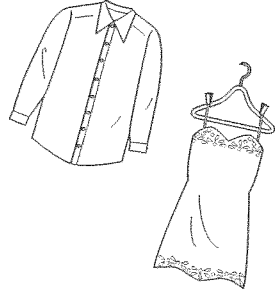
Sweaters

Wrap a towel around the hanger to increase its thickness, allowing more dry air to pass through.

Attach the sleeves to the shoulders to prevent them from elongating.

Jeans / Skirts

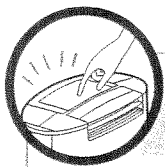
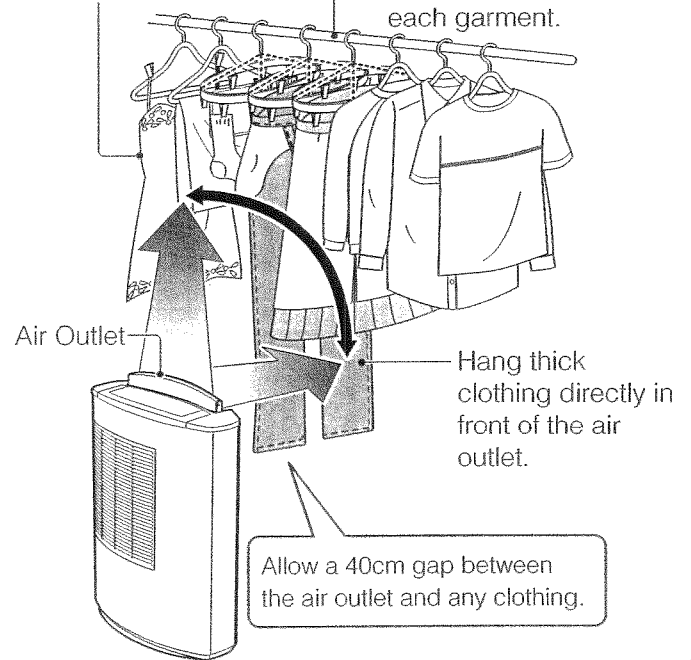
Turn them inside out and dry in a well ventilated area.



Firmly stretch out creases on the clothes and ventilate them well. Dry them in the shape you want them to be in.

T-shirts and underwear are easy to dry, so put these at the ends.

To allow good airflow, line the clothes up and leave space between each garment.



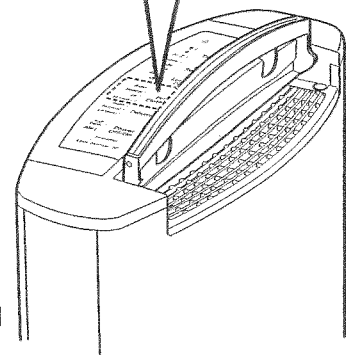
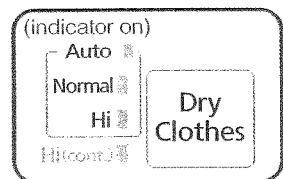
Operating modes

"Normal" or "Hi" uses a temperature and humidity sensor for drying clothes and stops automatically.

- The dryness sensor detects the temperature and humidity, and uses this as a reference to judge the level of dryness in order to stop operation automatically.
- The role of the sensors is for Auto-stop function only.

(*Temp 20 degrees, Humidity 70%, Room Size 9.72m².
According to our own usage tests. Actual drying time will differ depending on environment and usage conditions.)

- If the washing has not dried properly, repeat the drying operation once more.
- "Auto stop" function will stop regardless of conditions after 14 hours.
- If you want to turn off the clothes drying function after a specified time, use the timer function. (☞ page 18)
- Some parts of the washing may be difficult to dry, depending on the type and amount of washing and the drying method



Basing on the standard of Japan Electrical Manufacturers' Association (JEMA-HD090), the approximate drying time is 59 minutes. Testing Conditions: Mode: "Dry Clothes", Room Size: 9.72m², Temperature: 20 degrees Celsius, Humidity: 70%, Weight of clothes: 2kg (3 t-shirts, 2 shirts, 1 pair of pajamas, 7 underwears, 2 pairs of socks and 3 towels). Actual drying time will differ depending on environment and usage conditions.



Drying



Dehumidifying



Handling



Making good use



Taking the clothes down

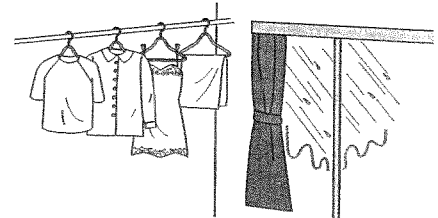
When the clothes are dried, quickly take the clothes down.

Take them down without crumpling, carefully fold them and



put them into closets.

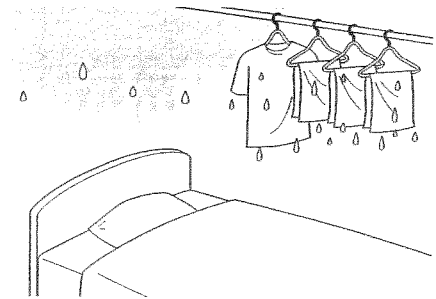
In rainy days, even after drying, clothes can re-absorb moisture.



More about the dehumidifier

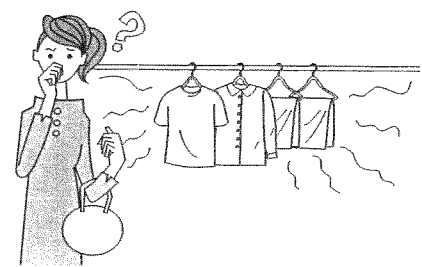
When hanging clothes in dry indoors, the evaporated humidity becomes condensation that will be absorbed by carpet or cushion.

Approximate 100 to 300ml of moisture are released from 1kg of clothes every hour. This is the same as sprinkling about one cup of water around your room. When hanging clothes in dry indoors, it is important to use a dehumidifier to quickly remove humidity inside the room.



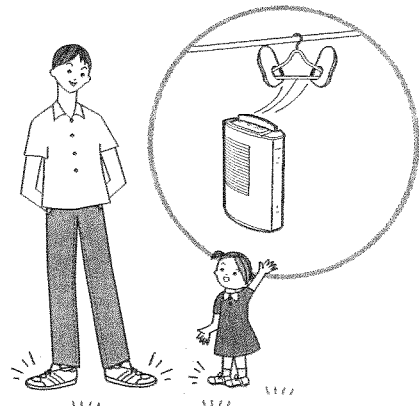
When hanging clothes to dry naturally indoor, it takes a long time to dry and results in odors due to the accumulated bacteria on the clothes.

When it takes a long time for clothes to dry, the bacteria may be retained and results in odors. In addition, when drying indoor, the damp clothes absorbs the odors inside the room. Using dehumidifier can prevent from these happening, as it dry your clothes quickly.



If your shoes get wet in the rain, use a dehumidifier to dry them quickly for the next day.

Before drying your shoes with a dehumidifier, firstly blow them with "cold air" setting of a hair dryer until no water is dripping. Then, place them on a hanger and hang them above the dehumidifier. Adjust the blowing angle so that the dry air is directed onto the shoes.



Do not use a dehumidifier on leather shoes. Doing so may deform and affect the quality of the leather.



Leather shoes

Adjusting the air swing and louver directions

The control panel features the ECONAVI logo at the top. Below it are buttons for Timer (6, 4, (h) 2), Air Swing (Wave, Wide, Spot), Louver Dir. (Auto, Up, Down), Dry Clothes (Auto, Normal, Hi, Hi(cont.)), Dehumid. (Auto, Normal, Lo(Silent)), and Power Off/On (Full Tank, Alert). At the bottom, there is a humidity indicator with settings Low, Normal, and Hi.

Adjusting the air swing range

While in operation

Air Swing press

- When pressed, "Air Swing" will cycle through Wave, Wide and Spot.
- If you do not select a mode, the air outlet will expel air along its width (Indicator is off).

Spot

Useful for drying a small amount of clothes quickly concentrating on a small area.

Wide

Useful for drying clothes hung across a wide area.

Wave

Oscillates between Spot and Wide. Useful for drying clothes hung diversely.

Adjusting the louver directions

While in operation

Louver Dir. press

- When pressed, "Louver Dir." will cycle through Down, Up and Auto.
- If you do not select a mode, the louver direction will not change (Indicator is off).

Down

To dry clothes at downward direction.

Up

To dry clothes at upward direction.

Auto

To dry large amount of clothes hung in large area.

Important

- Do not move the louver manually while it is swinging.
- To return the previous setting of the louver, press the Louver Direction button again and adjust the appropriate position.

Dehumidifying

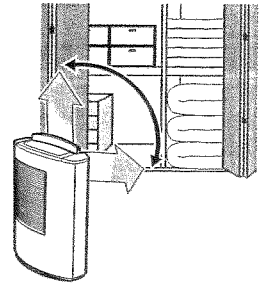
usage examples

To reduce moisture in cupboards or closets

→ Louver Dir. **Auto** Air Swing **Wide**

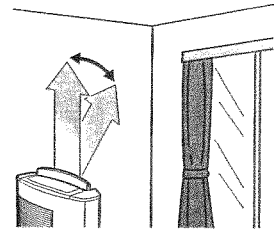
Open the doors and point the air outlet inside.

● Do not put the unit inside the cupboard or closet. (☞ page 8)



To reduce moisture on the ceiling or walls.

→ Louver Dir. **Up** Air Swing **Wide**

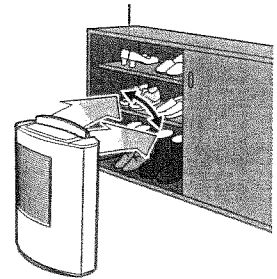


To reduce moisture in a shoe rack.

→ Louver Dir. **Down** Air Swing **Wide**

Open the doors and point air outlet inside.

● Do not dry leather shoes. (☞ page 15)



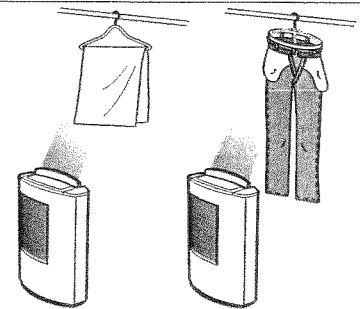
Clothes drying

usage examples

To concentrate the drying on a small amount of washing hanging above.

→ Louver Dir. **Up** Air Swing **Spot**

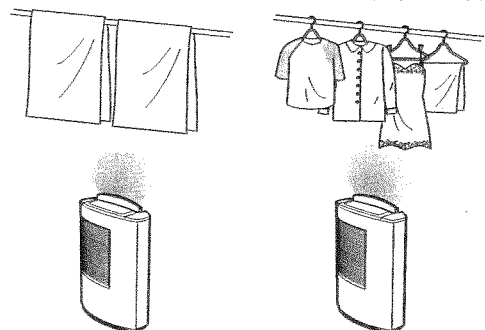
● Drying items in an elevated position.



To dry a wide area of washing hanging above.

→ Louver Dir. **Up** Air Swing **Wide**

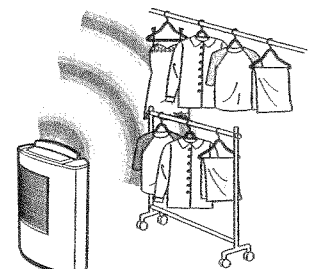
● Drying items in an elevated position.



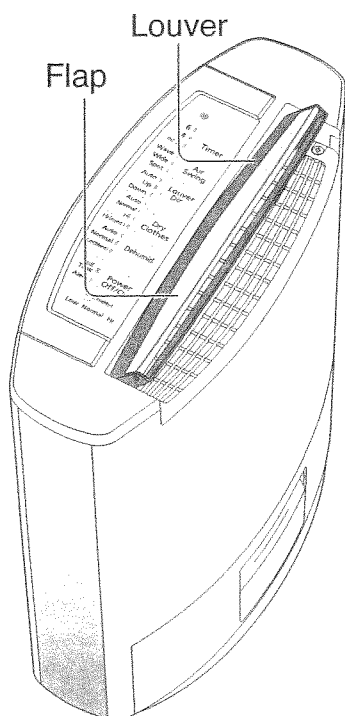
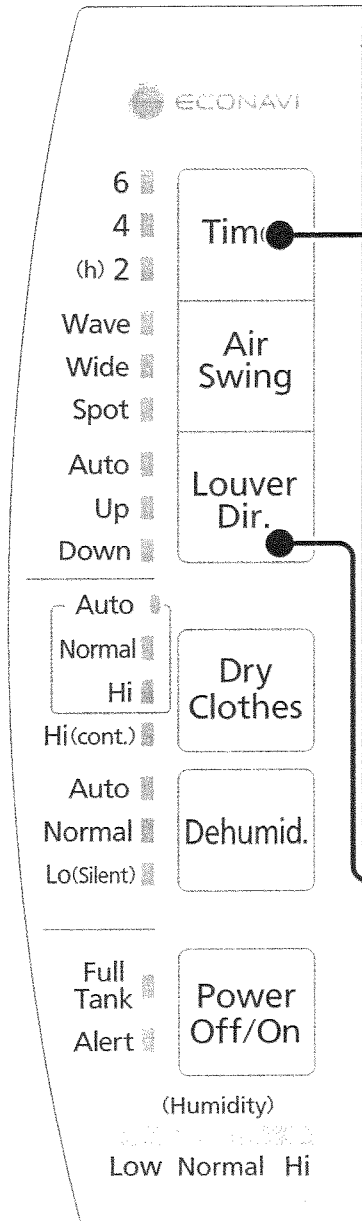
To dry lots of washing hanging diversely.

→ Louver Dir. **Auto** Air Swing **Wave**

● Drying two levels hanged clothes, top and bottom.



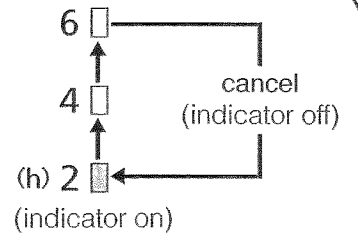
Useful functions



Timer

During operation,

Press **Timer**

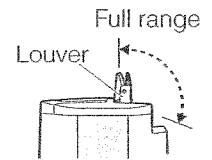


- Each press changes the timer setting.
- The indicator changes as time passes, indicating how much time remained.
- If the Full Tank indicator flashes while the timer is set, the unit will stop operate. The timer will still continue to count down.

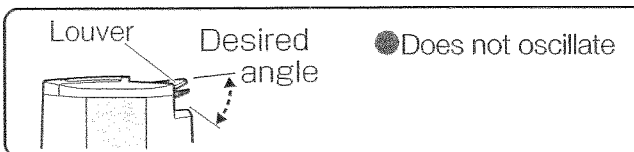
Louver directions

During operation,

1 Press **Louver Dir.** "Auto" louver direction



2 When the louver is in the desired position, Press **Louver Dir.** the "Louver Dir." button to cancel oscillation.

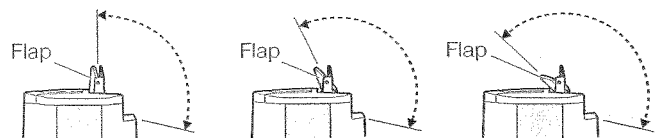


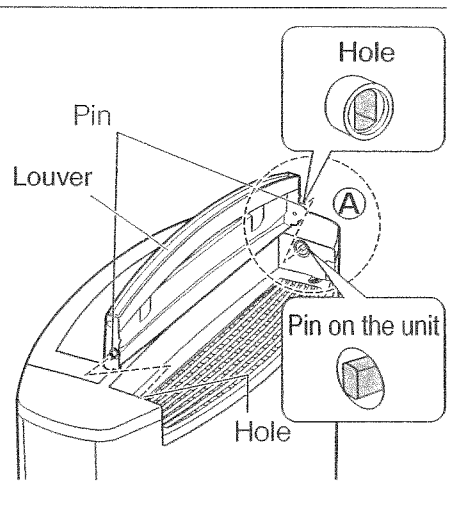
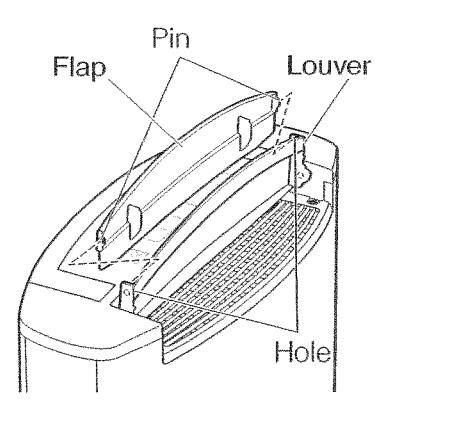
- The louver oscillation stops and the indicator turns off.

Flap

- To widen the louver range vertically. (see page 16 to widen the air outlet's fan range horizontally)
- The flap can be adjusted by hand (3 steps).

Flap un-widened. (level 1) Flap widened. (level 2) Flap fully widened. (level 3)



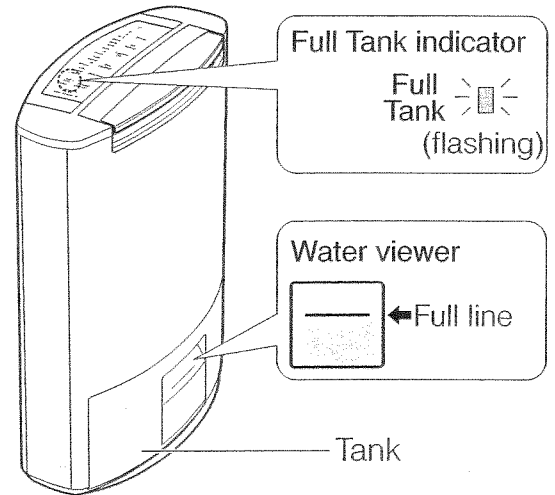
<p>Dry clothes function</p>	<p>Takes long time to dry clothes in "Auto stop" mode</p>	<ul style="list-style-type: none"> ● Is cold, moist air getting into the room? → Avoid opening and closing the doors/windows very often.
	<p>Does not dry clothes completely (even after "Auto stop" mode is finished.)</p>	<ul style="list-style-type: none"> ● Is it an item which is difficult to dry and need to be squeezed dry by hands? ● Are you using a heater near the unit? → If the temperature near the sensor is high, it will not be able to accurately judge the drying time. ● Does the air flows through all of the clothes? Also, are the clothes packed close together or piled up? → For clothes that are difficult to get dry, try running the dryer in "Auto stop" mode or "Hi (Cont.)". ● Depending on the amount and type of clothes, they could be difficult to get dry.
	<p>Operate with loud noise</p>	<ul style="list-style-type: none"> ● Try using "Normal" or "Lo (Silent)" mode under "Dehumid." (☞ page 13) → Drying time is longer than "Dry Clothes".
<p>The unit has been knocked over</p>	<p>Operation stops automatically and Alert indicator lights up.</p> <ol style="list-style-type: none"> 1. Disconnect the power plug and set the unit back upright. (Wipe away any spilled water.) 2. Let the unit stand for half a day or more without using it (To dry the unit completely in case any water has spilled inside) 3. Insert the power plug again and restart the unit. 	
<p>The louver / flap is detached</p>	<ul style="list-style-type: none"> ● Install the louver by attaching the pin into the slot as shown in (A). 	
	<ul style="list-style-type: none"> ● Install the flap by attaching 2 pins to the equivalent holes on the louver. 	

Empty the tank

When the tank is full

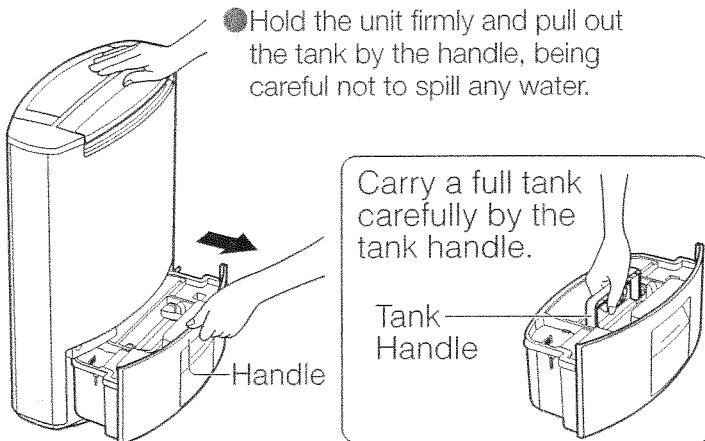
When the tank is filled up fully (about 2.9 liters), the unit will automatically stop running.

- The Full Tank indicator flash. (All other indicators will turn off.)
- When an empty tank is returned to the unit, operation will resume in the same manner as previous operation. (The Full Tank indicator turn off.)

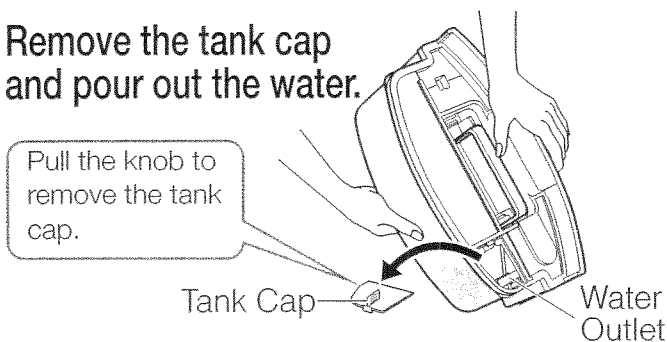


Removing the tank

1 Slowly pull out the tank

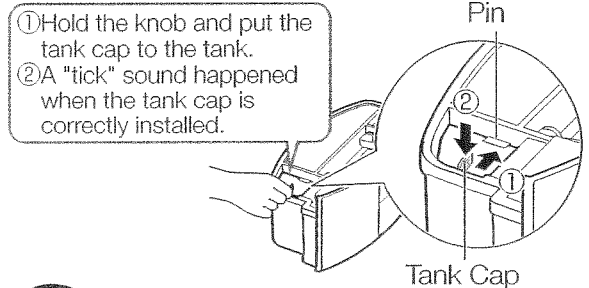


2 Remove the tank cap and pour out the water.

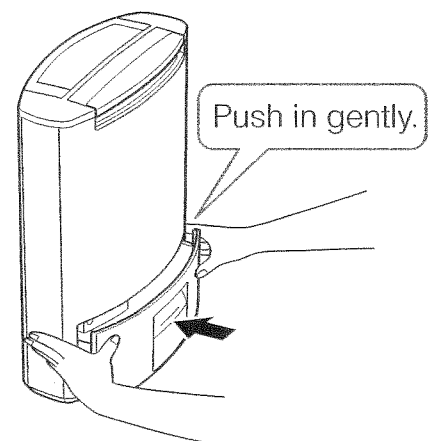


Installing the tank

1 Put on the tank cap securely.



2 Push the tank gently all the way in.



Important:

- Be sure to put on the tank cap before installing the tank. Failure to do so may cause the water to spill.
- When you remove the tank, do not touch any internal parts of the unit. Doing so may damage the product.
- Be sure to push the tank gently into the unit. Banging the tank against anything or failing to push it securely may cause the unit stop operating. (Full Tank indicator) If this happens, remove the tank and try pushing it in gently once again.

- ① Turn off the unit (press the POWER Off/On button).
- ② Pull out the power plug.
- ③ Drain the tank (☞ page 20)

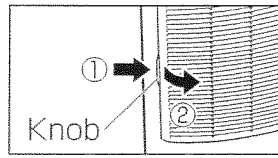
Filter (Once every 2 weeks)

Remove dirt and dust on the filter using a vacuum cleaner with a fine tipped nozzle.

- Before removing the filter, use vacuum cleaner to remove dust from the air inlet area.
- The filter is light brown-colored even before used. This is normal, not dirt. (☞ page 10)
- If the filter is clogged, dehumidifying power will decrease. This will waste electricity or even cause the unit to be malfunctioned.

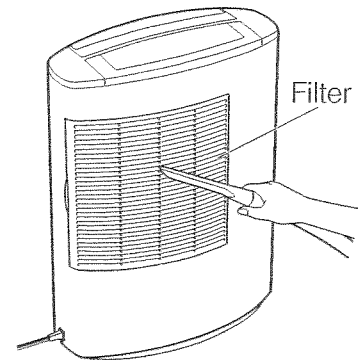
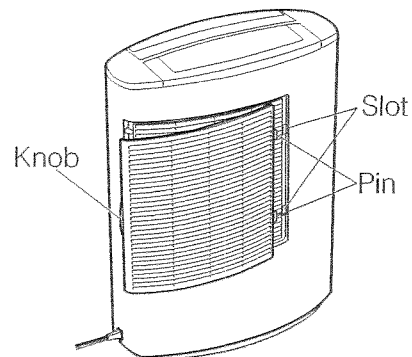
Remove the filter

- ① Push the knob.
- ② Pull the filter out towards yourself.



Reinstall the filter

- Attach two pins on filter into the slots on the unit, and then insert the filter.



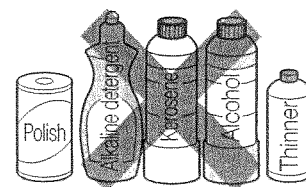
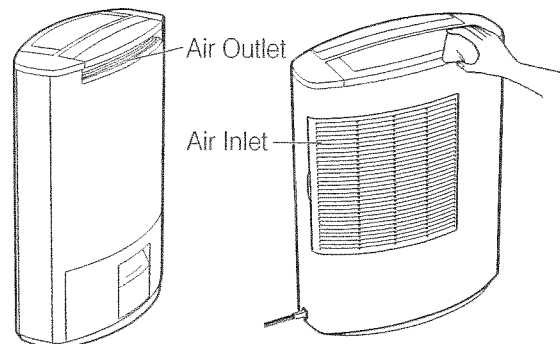
Main unit (Once a month)

Use a soft cloth or a mild kitchen cleanser with warm water to wipe any dirt on the unit. And then dry the body with dry cloth.

- The air inlet and outlet get dirty easily. You may clean the dust and dirt by using a vacuum cleaner.

Important:

- Do not lay down the unit. (Doing so will cause water leakage.)
- Do not splash water directly onto the main unit. (Doing so may deteriorate the insulation and cause the unit to rust or cause electrical shock.)
- Do not use any substances shown at right hand side to clean the unit. (Doing so may result in warping or discoloration of the unit.)
- If you use chemically treated clothes, be sure to follow their instructions provided.



Maintenance

Tank (Once a month)

■ Tank, Tank Cover, Tank Cap

Use water to rinse these parts 2 or 3 times.

Use a mild kitchen cleanser for stubborn stains.

- Be sure to put the tank cover, and tank cap back on the tank. Failure to do so may cause water to spill.
- Depending on where you use the dehumidifier, the internal of the tank may get especially dirty due to the dirt and dust in the air.
- Be sure to push the tank gently all the way into the unit. (If not, the unit will not operate.)

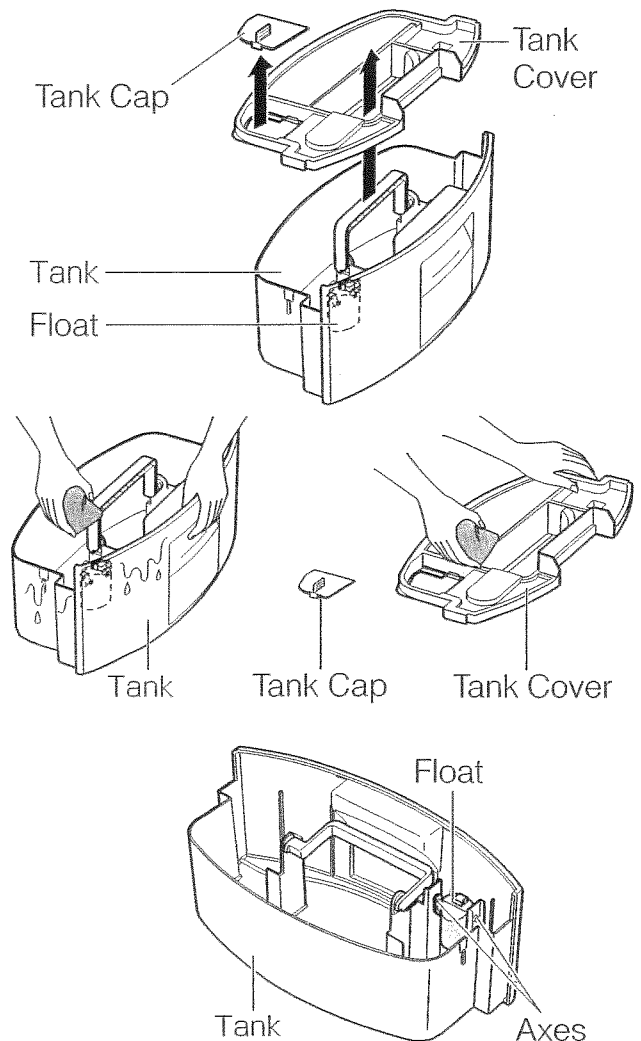
■ Float

You can clean the slime without removing the float.

- Remove the dirt around the two axes. (Keeping these clean will prevent the float from malfunctioning.)
- Do not remove the float. If the float is off, the unit will not operate. If the float is not attached properly, water may leak.

If the float comes off

Place the float along two axes in the tank lid (reverse side) and make sure that it is put in correct direction. (See the figure above.)



When not using the unit for long periods of time

- 1 Empty the tank one day after as the unit is turned off. (Pages 20)
- 2 Clean the main unit, tank and filter. (Pages 21,22)
- 3 Cover the unit with a plastic bag.
- 4 Store the unit a dry and well-ventilated place.

Important:

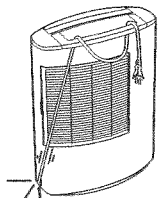
- Store the unit stably on horizontal level. (Do not lean the unit against something or lay it down. Doing so may cause the unit to malfunction or leak out any remaining water in the unit.)

! WARNING

Do not pull on the power cord when storing away the dehumidifier.



No!



It may cause a short-circuit or damage the wires inside the cord, and fire or electric shocks may occur.

Drying clothes

■ About ECONAVI

Only work when you choose "Normal" or "Hi".

The dryness sensor detects the temperature and humidity, and uses this as a reference to judge the level of dryness in order to stop operation automatically.

- Operation running time for reference Unit: hour

Clothes Amount	Drying operation running time	
	Normal	Hi
About 2kg~4kg	6~9 hr	3~6 hr
About 4kg~6kg	9~14 hr	6~9 hr

Test conditions: Temperature: 20°C
Humidity: 70%
Room space: 9.72m²
(Manufacturer's results)

- Running time and consumption of electric power for the actual state of dryness may vary depending on factors such as the type and amount of clothing, the hanging method, and environmental conditions.
- The dehumidifier will stop after a maximum operation time of 14 hours.

■ Differences between each mode

[Based on the Japan Electrical Manufacturers' Association standard (JEMA-HD090)]

Test conditions: Comparison of power consumption in each mode until items are dry
Room Size: 9.72m², Temperature: 20 degrees Celsius, Humidity: 70%
Weight of clothes: 2 kg (3 t-shirts, 2 shirts, 1 pair of pajamas, 7 items of underwear, 2 pairs of socks and 3 towels)
Dry Clothes (Normal): 621 Wh / Dry Clothes (Hi): 660 Wh

- The amount of power consumed during actual operation will vary depending on environmental conditions, the type and amount of clothing and the drying method.

Troubleshooting

Identify the problem.

Before calling a technician, check the following items yourself.

Problem	What to check	See page
<p>The unit does not operate.</p>	<ul style="list-style-type: none"> ● Is the power cord unplugged? ● Is the Full Tank indicator flashing? 	<p>13 20</p>
<p>Is the Full Tank indicator flashing?</p>	<ul style="list-style-type: none"> ● Is the tank properly inserted into the unit? Has it been removed? ● Was the tank banged against the unit when inserting it? Or, was the tank inserted all the way to the unit? → Remove the tank and insert it gently and straightly into the unit. ● Has the float come off? 	<p>20 20 22</p>
<p>The unit operates with loud noise.</p>	<ul style="list-style-type: none"> ● Is the filter clogged? ● Is the unit tilted? ● Is the floor surface unstable? 	<p>21 7 7</p>
<p>Water is leaked or spilled.</p>	<ul style="list-style-type: none"> ● Has the main unit been tilted or knocked over? ● Was the main unit moved with water in the tank? ● Has the float come off? 	<p>19 9 22</p>
<p>The tank is not filling up with water. (The unit is not dehumidifying very well.)</p>	<ul style="list-style-type: none"> ● Is the filter clogged? ● Are the air inlet or outlet blocked by something? ● Are the room temperature and humidity low? → As these get lower, the unit dehumidifies less. ● Is the unit set to operate in "Auto" mode? 	<p>21 9 11 13</p>
<p>Room humidity does not go down.</p>	<ul style="list-style-type: none"> ● Is the room too big? ● Are doors or windows being opened too often? ● Is there a kerosene heater or other device giving off water vapor in the room? 	<p>— 11 —</p>
<p>Odors are emitted from the unit.</p>	<ul style="list-style-type: none"> ● When using the unit for the first time, odors (such as of plastic or desiccant [Zeolite]) from parts inside the unit may be emitted from the air outlet, but these odors will disappear after the unit has been used for a while. ● Is there any item emitting an odor in the room? <ul style="list-style-type: none"> • New furniture • Hair spray, other hair products, cosmetics, or chemicals • Newly papered walls <p>→ Sufficiently ventilate the room. If this is a concern, continue Hi (cont.) operation until the tank is full of water. The odor will decrease after 2 to 3 continuous operations.</p>	<p>— —</p>

Under normal operation

The following conditions are normal and represent no cause for alarm. Continue using the unit as normal.

Problem	What's actually happening	See page
<p>Increasing surrounding temperature as the unit operates.</p>	<ul style="list-style-type: none"> ● The unit is not equipped with a cooling function, and naturally generates some heat during operation. Also, with doors and windows closed, the temperature rises not only due to the unit, but also any combination of heat sources inside the room. This may cause the room temperature to rise from 3 to 8°C. → Set the unit to "Auto" mode. ("Auto" mode is the most effective operation mode in minimizing room temperature raised.) 	<p>11 13</p>

When the Alert Indicator lights up


Unplug the power cord and perform the following inspections.

Display information	What to inspect	See page
<p>Alert indicator ON + Timer 4-hour light flashing</p>	<ul style="list-style-type: none"> ● Is the filter clogged? → Clean the filter. ● Are the air inlet or outlet blocked by something? → Make sure there is nothing blocking the air inlet and outlet. 	<p>21 9</p>
<p>Alert indicator ON + Normal (Dehumid.) light flashing</p>	<ul style="list-style-type: none"> ● Is the room humidity too low? → The unit would operate in rooms with at least 20% of humidity. ● Is the tank cover properly installed? 	<p>11 20.22</p>
<p>Alert indicator ON</p>	<ul style="list-style-type: none"> ● Is the unit tipped over? → 1. Disconnect the power plug and set the unit back upright. (Wipe away any spilled water.) 2. Let the unit stand for half a day or more without using it (to dry the unit completely in case any water has spilled inside) 3. Insert the power plug again and restart the unit. ● Is the unit tilted or has it fallen over? → Disconnect the power plug and then reconnect it. ● Have any magnets or metallic objects been placed on top of the unit? 	<p>— — 12</p>
<p>Alert indicator ON + Other lights flashing</p>	<ul style="list-style-type: none"> ● Contact the store where the unit was purchased for repairs. 	

If the problem still persists,

contact the store where the unit was purchased for repairs.

Specifications

Model No.	F-YZJ90H
Power supply	220V ~ 50Hz
Power plug shape	
Dehumidifying capacity (L/day)	9.0 (per day set at 27°C,80%RH)
Power consumption (W)*	650
Water tank capacity (L)	Automatically stops at about 2.9 litres
Weight (kg)	7.9
Dimensions (H x W x D) (mm)	520 x 193 x 390

* The dehumidifier continues to draw approximately 0.5W of power even when in "Stop" mode.

● The above dehumidifying capacity is the result of continuous running for 1 day, under the condition at room temperature 27°C and 80% relative humidity.

Customer's record

The model number and lot number of this product can be found on the side and the bottom of the unit. Please record them in the space provided and keep for future reference.

MODEL NO. F-YZJ90H	LOT NO.
DATE OF PURCHASE	DEALER'S NAME
DEALER'S ADDRESS	
TELEPHONE NUMBER	

Panasonic Corporation
 Web Site : <http://panasonic.net/>