

Operating Instructions Dehumidifier

Model No. **GCM33H**

This product is for indoor use only

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Correct use will help you save electricity

Warranty card included Separately

- Thank you for purchasing this Panasonic product.
- Please read these operating instructions carefully, in order to use the product correctly and in a safe manner.
 - Please read the "Safety precautions" section (page2~4)caerfully before use.
 - Make sure that the correct information is written on the warranty card, including the date of purchase and the name of the distributor. Send the warranty card back within ten days of purchase. Keep the warranty documentation in a safe place along with the operating instructions for future reference.

The 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 . 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 . Please disconnect the power plug and empty the tank before doing any maintenance work .

Safely precautions

Always pay attention to these precautions

To prevent users and others bodily harm or property losses, we are explaining the precautions must be observed.

- Ignoring the symbols incorrect operation, can result in harm or level of damage, described in the following two categories.

!WARNING

This symbol indicates the "Possibility of death or serious injury".

!CAUTION

This symbol indicates the "Possibility of injury or damage to property".

- Meanings of symbols that always observed are as shown below.



This symbol indicates an action that "requires caution".



This symbol indicates a "never do this" action.



This symbol indicates an "always do this" action.

!WARNING

- Do not do anything that may damage the power cord or power plug.



Do not damage, modify, bend strongly, pull, place heavy objects on top or binding with nylon yam or wire on power plug. If using damaged power cord, may result in electric shock, short circuit, causing fire.

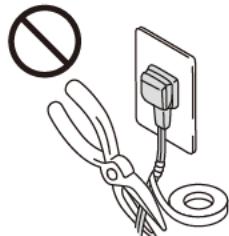
● If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- Do not unplug the power plug with wet hands.



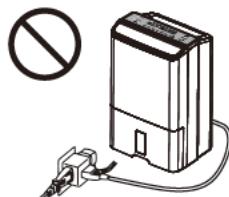
Electric shocks may occur.

- Avoid the power cord if it is damaged or modified



Damage from heavy objects placed on top, heating, or pulling could cause fire or electric shock.

- Do not use overloaded the rated current of the power outlet and wiring equipment.



Use too many branch lines will exceed the rated current, it may cause a fire by overheating.

- Do not use a damaged power cord



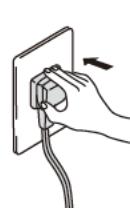
Using damaged power cord, electric shocks or fire may occur. Please consult with the dealership or service station.

- Do not start or stop the unit by plugging or unplugging the power plug.



It may cause fire or electric shocks by overheating.

- Insert the power plug completely



If the power plug is not inserted securely, fire due to overheating may occur.

- Do not use damaged power plugs or loose wall sockets.

- Do not use the voltage other than as specified for unit.



It may cause fire or electric shocks by overheating.

!WARNING

- Do not insert fingers or other objects into the air inlet or outlet.



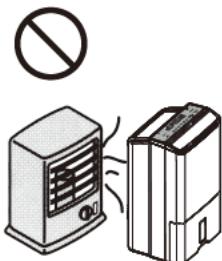
The rotating fan inside the unit could cause injury.

- Do not unplug roughly.



Unplug roughly may damage the power cord, cause electric shock, short circuit fire.

- Do not place the unit near a heater.



Plastic parts may melt and cause fire.

- Periodically clean the dust and dirt on the power plug.



If dust accumulates on the power plug, humidity may cause damage to insulation and may result in fire.
● Unplug the power plug and wipe it with dry cloth.
If not using the unit, unplug the power plug.

- Never try to repair the unit by yourself.



Fire or electric shock may occur.

- Please consult the purchasing dealership or service station for repairs.

- Do not stretch the power cord.



It may cause short circuit or broken wires (which may cause fire or electric shock.)

- Switch off and then unplug out the power plug when error occurs (smoke etc.)

- Incorrect On/Off operations.
- Switch electric leakage or fuse burned frequently.
- Power cord or power plug heats up abnormally.
- Burning smell or abnormal noise during operation.
- Water leakage from the unit.
- Other abnormal faulty condition.

It may cause fire or electric shock by overheating.

- Please consult the purchasing dealership or service station.

- Do not pull on the power cord when carrying or storing the unit.



It may damage the wires inside the cord, and fire or electric shock may occur.

!CAUTION

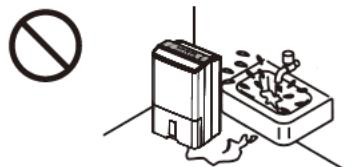
- Monitor indoor temperature during prolonged operation.



During operation, heat from the unit may cause indoor temperature to rise, operating in closed room may cause discomfort.

- Pay particular attention if infants or the elderly are present.

- Do not operate in areas where water may be easily splashed onto the unit.



Fire or electric shock may occur

- Place the unit on level and sturdy floor.



If the unit tilts, water will overflow, and wet the property potentially causing fire or electric shock.

- Do not use unit near flammable gas.



If flammable gases permeate the surrounding space, it may cause fire.

- Do not use in confined spaces such as closets.



If there is insufficient ventilation, overheating and fire may occur.

- Do not use in places exposed to direct sunlight, wind or rain.



Resulting heat may cause fire or electric shock.

Safety Precautions

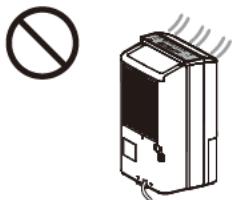
!CAUTION

- Do not use in place where there are artworks or academic documents.



Deterioration of stored articles may occur.

- Do not place any heat or flame producing instrument in air outlet of the unit.



Incomplete combustion may cause carbon monoxide poisoning.

- When moving the Dehumidifier, turn off the unit and empty the water in the water tank.



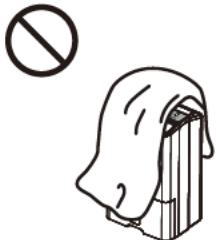
Leaked water may damage the household items and property damage even cause accident.(People may injured and caused fire or electric shock.)

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



Water may spill into the unit and fire or electric shock may occur.

- Do not cover the air inlet or air outlet with cloths or towels.



Air circulation will decrease and overheating or fire may occur.

- When the unit is to be cleaned, switch off and unplug.



The high-speed rotation of the fan inside may cause injury.

- Do not wash the Dehumidifier directly with water.



Water leakage may cause electric shock.

- Do not sit or climb on the unit.



You may fall over, and injury may occur.

- Do not clean your product by spraying insecticides to it or wiping it with benzene or thinner.



Fire, Electric shock, damage to household items caused by water leakage may occur.

- Do not move or transport the unit by holding the louvers.



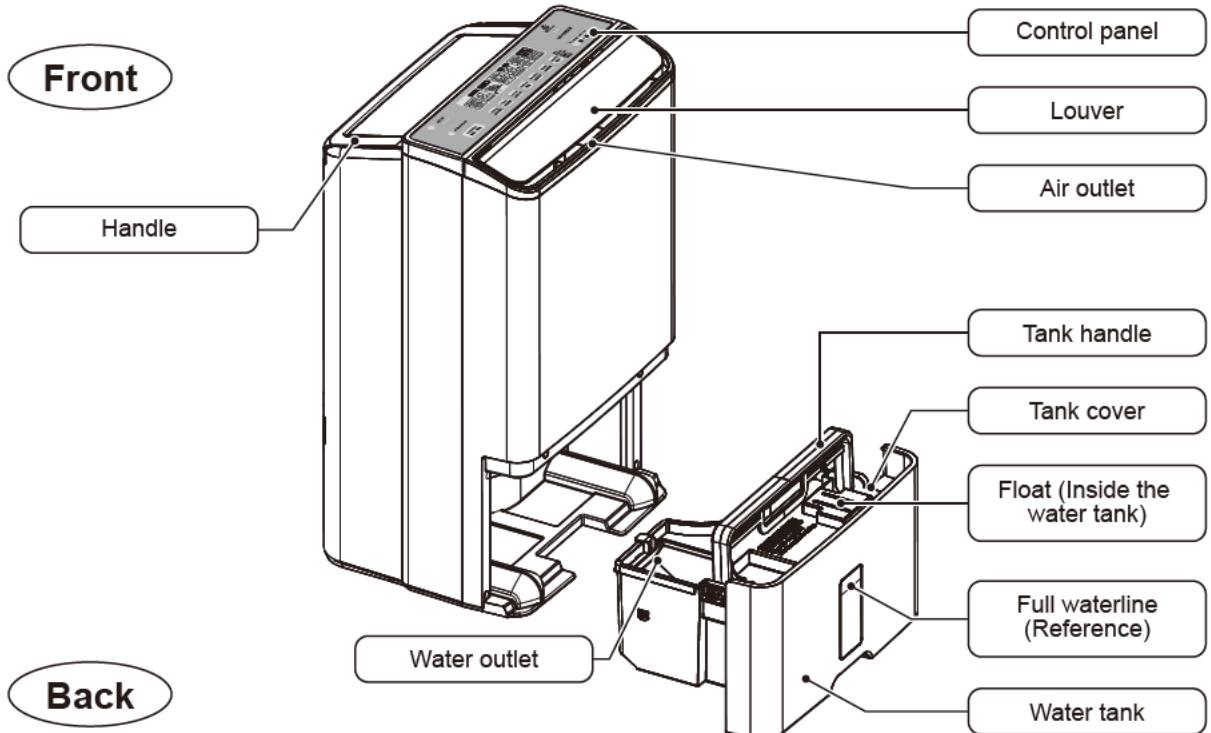
The unit may fall down and injury may occur.

- After prolonged use, perform periodic inspection.



Particularly the air filter and drains should be checked routinely to avoid overheating and leakage, resulting in house fires and items wetted.

Parts Name

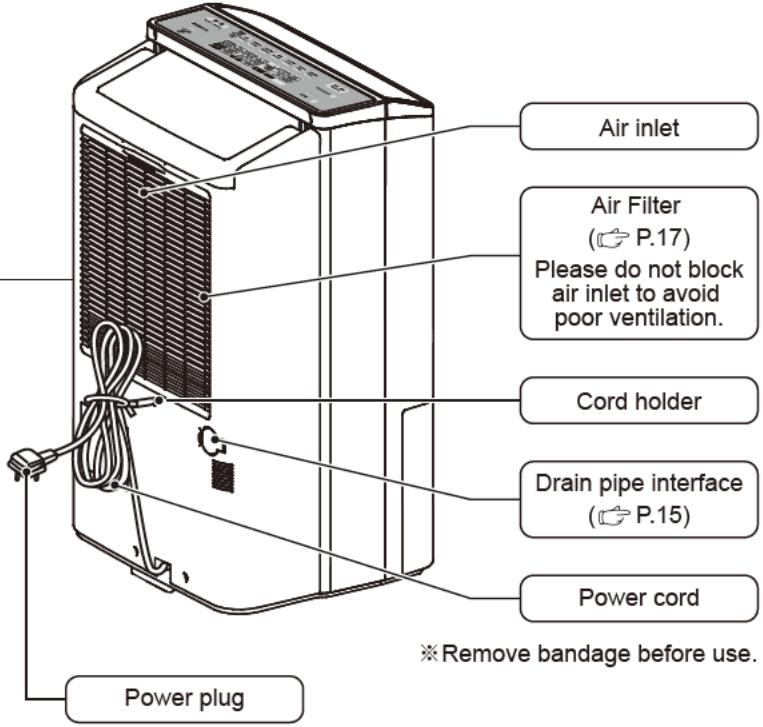
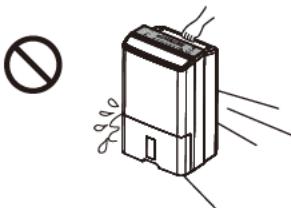


Note

Caster
(On the bottom of unit/4 pieces)

CAUTION

- Do not move roughly on the floor or carpet, also when tank is filled with water. (May cause the unit to fall or spilled water even cause accident or property damage.)

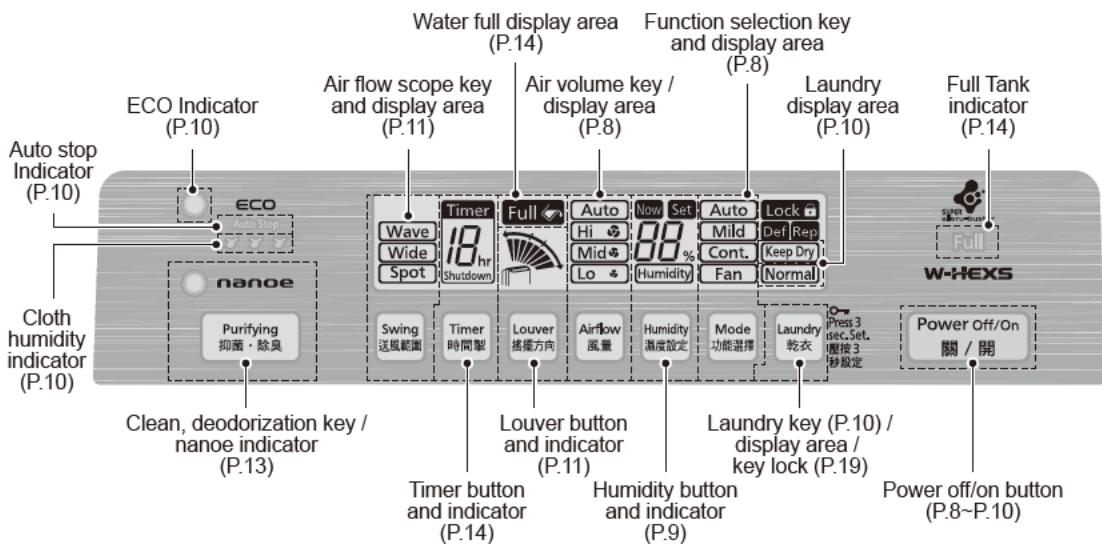


Where to use

- At least 20 cm distance from the wall. (Walls and furniture near unit, may be stained by electrostatic.)
- At least 1 m distance from any TV, radio (To prevent screen interference, noise)

* Remove bandage before use.

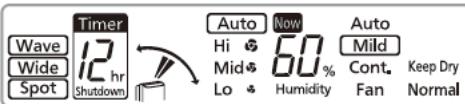
Control panel



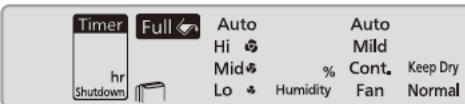
LCD indicator



Unpowered



Press any button when the power is on, selected function will be displayed.
The LCD backlight lights up, and the backlight will automatically go off after 10 seconds.



The LCD indicator turns orange for 10 seconds then goes off. The water **Full ↗** display and indicator keeps on flashing. If the water full alert is ON, the buzzer beeps for 6 seconds together with the orange indicator.

Note

Display of humidity

- * It displays "Hi" if the humidity is higher than 85 % and display "Lo" if the humidity is less than 24 %

HI % **LO**

Check

- * [Rep] When indicator flashes and error code "11" prompts, check the following:
 - When unit is tipped over.
 - ① Unplug the power plug.
 - ② Set the unit back upright (wipe away any spilled water).
 - ③ Let the unit stand for half a day or more without using it. (to dry the unit inside completely in case any water has spilled inside)
 - ④ Insert the power plug again and restart the unit.
 - Does the unit tilt?
→ Unplug the power plug and then reconnect it.
 - Is magnet or metal placed atop the machine?
→ Remove magnet or metal object,
Unplug the power and then reconnect it.

- * It indicates unit failure when the [Rep] indicator do not flashing
(For example)

Case Rep + 01, 02, ..., 11

02 % There are eleven fault codes

Full

- * When the [Full] indicator and the water full display area flash, it indicates that the tank is full of water. All functions won't be able to work if the tank remains full.

Defrost

- * [Def] When Defrost indicator is flashing, the unit is defrosting.
→ Only the Power off/on button works. Other buttons will be disabled.

Mildew prevention

* Power off mildew prevention:

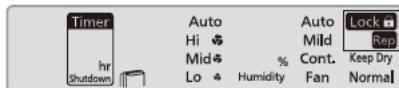
- * The product may run 3 minutes in fan mode after operation stopped (by manual or timer settings) to dry its internal side for mildew prevention. Press Power off/on key when in this mode to cancel this function.(P.S.1)
- * This function may not get enabled due to compressor operation time.
P.S.1 When compressor operates more than 10 minutes.

Protection

- To prevent you from forgetting to switch off the unit, operation will stop automatically if no button is pressed for 24 hours.
- If room temperature is higher than 32 °C, the air volume will increase automatically in order to protect the unit.
- The unit should be operated within an indoor temperature range of 7~40 °C. Operation out of this range may cause some undesired problem.
- The unit will stop operation when power failure occurs, and return to standby mode after power recovery. To ensure compressor life, do not operate within 3 minutes after switching off the unit.

Safety protection

- In case there is foreign matter, water, or dust entered your product or you press and hold on or more of its keys for 17 seconds the safety protection mode begins. Its original use status retains. No other key, except the "Power off/on" key, functions in this mode.
- * The safety protection mode may run up to 10 hours and then auto power off (or by pressing "Power off/on" key).
- * Once "Lock" and "Rep" indicator light up, remove any foreign matter, water, and dirt or your hand from the product to exit this mode.



Lights up (safety protection mode)

Comfort

- The dehumidifier is used for daily life, such as the removal of unpleasant humidity and laundry drying. However, if ambient humidity is under 50 %, unit cannot help maintain a comfortable humidity environment.

Factory default

- Standby
Press **Standby** and **Laundry** simultaneously for about 7 seconds to activate.
If "00" is displayed, the unit is reset to the factory default.
- * After resetting to the factory default, all operating modes will be restored to their default settings.

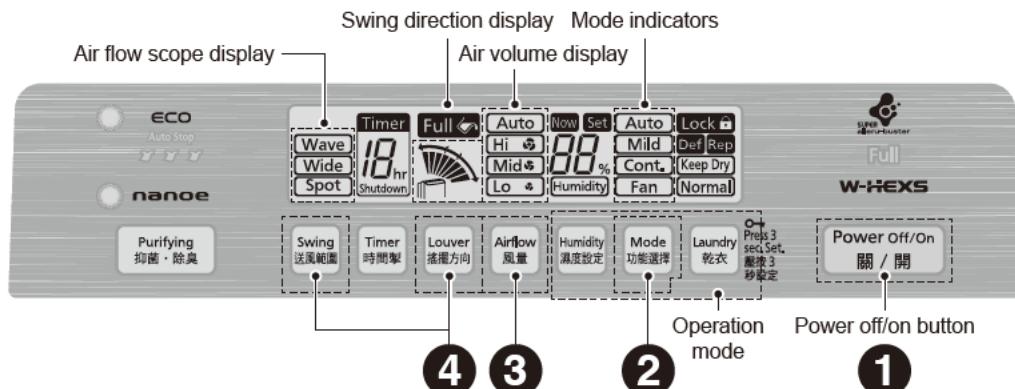
Memory function

- When you stop and start the unit, it will return to the previous mode.
- If you disconnect and connect the plug again, the unit will return to the previous mode.
(Except timed settings)

Attention

- Avoid leaving any operating dehumidifier unattended.
- Recommend to have a regular inspection on the dehumidifier by a Qualified Person.

Operation mode / Air volume selection



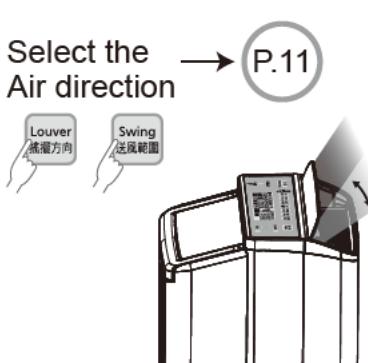
- 1** Insert the power plug
Turn on the unit



- 2** Press to select



- 3** Air volume selection



- To stop operation**



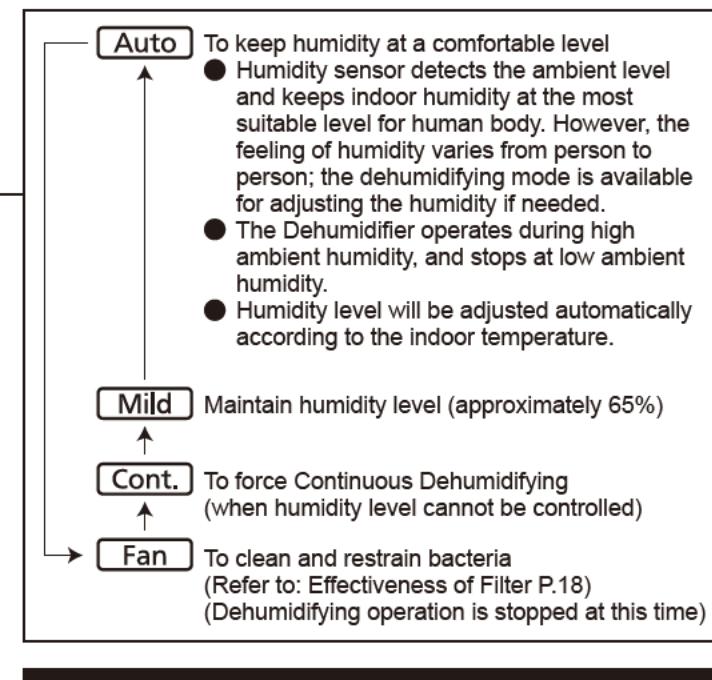
- The product may run 3 minutes in fan mode after operation stopped to dry its internal side.
(power off mildew prevention p.7)
- Please unplug the power plug at least 3 minutes after stopping the operation.

- To use timed power off (P.14)**



- When Full Tank Indicator is flashing (P.14)**

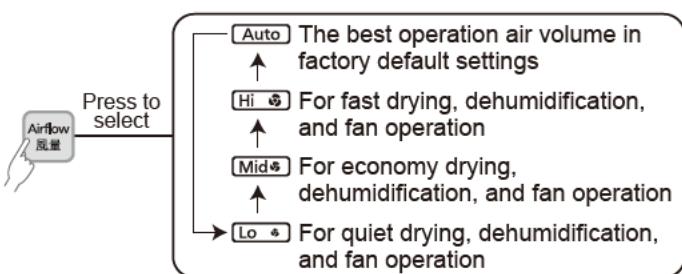
- Operation will stop → Please empty the tank



Air volume selection (Laundry/Mode/Humidity)

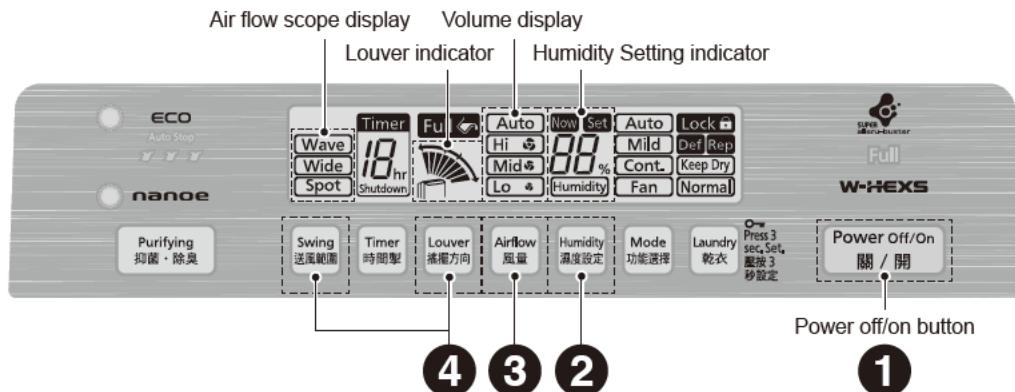
(select operation mode P8~P10 before selecting settings)

To change air volume



- Your product may enter protection mode with air volume and direction in case room temperature goes above 32°C. (system sounds three beeps if you try to press air volume and direction key)**

To set humidity



- 1** Insert the power plug
Turn on the unit



- 2** Press to select



- 3** Air volume selection → P.8



- 4** Select the Air direction → P.11



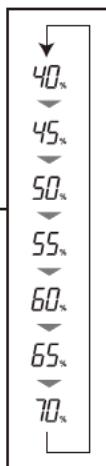
■ To change air volume (P.8)



■ To stop operation



- The product may run 3 minutes in fan mode after operation stopped to dry its internal side. (power off mildew prevention p.7)
- Please unplug the power plug at least 3 minutes after stopping the operation.



Want to set your desired humidity.

- The word "Set" will display for around 5 seconds when you set your desired humidity by pressing the "Humidity" button, then it shows the current humidity and the word "Now".
- to display the current humidity and the term "Now"
- Humidity sensor detects the ambient level and keeps indoor humidity at the set humidity.
- The unit operates during high ambient humidity, and stop at low ambient humidity.

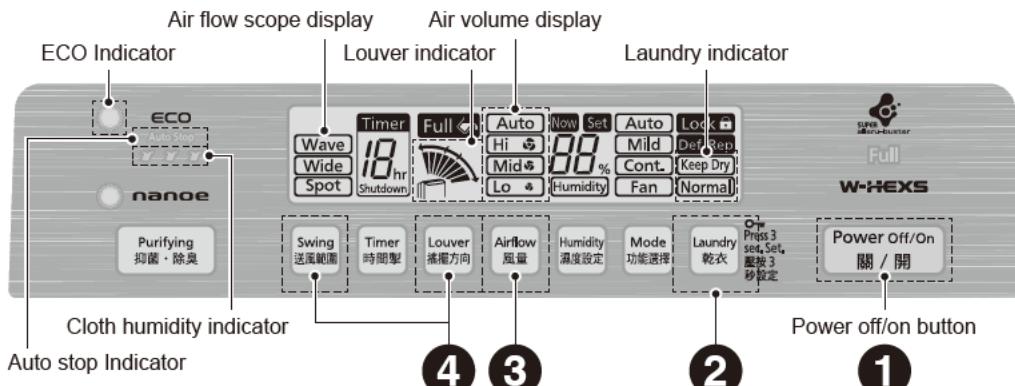
■ To use timed power off (P.14)



■ When Full Tank indicator is flashing (P.14)

- Operation will stop → Please empty the tank

Laundry mode



- 1** Insert the power plug
Turn on the unit



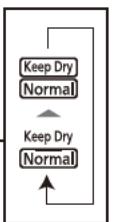
- 2** Press to select



- 3** Air volume → P.8
selection



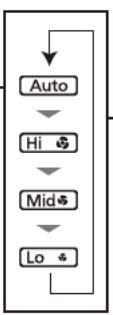
Press to select



- 4** Select the → P.11
Air direction



Press to select



To stop operation



- The product may run 3 minutes in fan mode after operation stopped to dry its internal side.
(power off mildew prevention p.7)
- Please unplug the power plug at least 3 minutes after stopping the operation.

When using timer (P.14)



- The ECO Indicator, Auto Stop Indicator, Cloth humidity indicator will turn off in this mode.

When Full Tank Indicator is flashing (P.14)

- Operation will stop → Please empty the tank

ECO

- During operation, the ECO Indicator, Auto Stop Indicator, Laundry Humidity Indicator will be ON simultaneously and OFF after the drying process is completed.
- It can detect the changes of temperature and humidity, so the unit will operate in accordance with the quantity of laundry and the prediction of dry condition.
- For more information → refer to "About Laundry Drying" (P.18)

Intelligent dryness monitoring system (LCD LCD LCD)

- This function is valid for cloth drying.
- It tells drying status of cloths.

	Laundry starts
	Approximately 1/3 dryness
	Approximately 2/3 dryness
	Laundry completed (※Keep Drying Operation) (flash)
	Operation completed

※ After laundry completed, in order to prevent humidity returns to the laundry, please maintain laundry condition.

- Based on type of laundry, quantity, and method of hanging, and room condition, etc, there may be variation of dry conditions.
- If user is not satisfied with the dry condition, [Keep Drying] Function may be chosen as an option.

nanoe™ indicator

- To refresh cloths with deodorization and sterilization nanoe™ function will be enabled automatically by system in cloth drying mode. The LED indicator lights up and cannot be cleared manually. The system beeps two times if you try to operate the "Purifying" button.

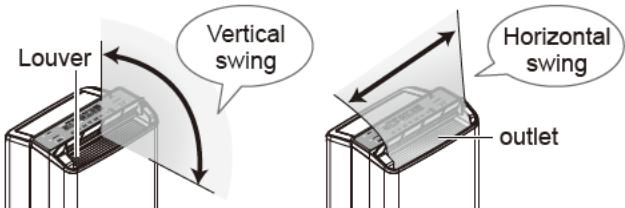
Air Direction Selection



P.12

Please refer
to pages below
for air direction
selection!

Select operation mode P8~P10 before selecting air direction.

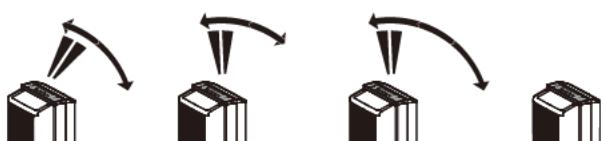


■ Operation

The swing can be set to match the height of the place where you would like the air to reach.

■ To swing louver

Running



■ To fix the louver

Select Auto to enable louver swing. When it reaches the desired location, press the



- The swing direction indicator lights off and the louver stops swinging and starts blowing in one direction.

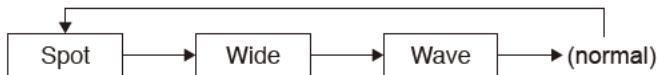
Note

- Do not move the louver while swinging operation is in progress.
(The swing range will change.)

Vertical swing

The swing can be set to match the width of the place where you would like the air to reach.

Running



- Focus air in one direction

- Send air in wide range from left to right

- Send air in center as well as left hand and right hand side

- If you do not select a horizontal swing setting, the dry air outlet will expel air along its entire width.



Horizontal swing

Air direction setting example

Tips for drying effectively

- ① Place the dehumidifier at a place that all clothes can be reached evenly.
- ② Leave space between each item of clothing so that air can circulate freely.
- ③ Leave a distance of 40 cm or more between the dehumidifier and the clothes, depending on the amount of clothes.

Cloth drying

Dry cloths at lower part	<p>Swing direction Down</p> <p>Air range Wide *1</p>
Dry cloths at upper part	<p>Swing direction Up</p> <p>Air range Wide *1</p>
Dry cloths at both upper and lower part	<p>Swing direction Auto</p> <p>Air range Wide *1</p>
Dry cloths of small quantity	<p>Swing direction Auto *2</p> <p>Air range Spot</p>

Dehumidification

Wardrobe and shoe cabin, etc.	<p>Swing direction Auto *2</p> <p>Air range Wide</p> <p>● Leather items such as shoes can not be dried with a dehumidifier. (They will become warped or damaged.)</p>
Ceilings and walls, etc.	<p>Swing direction Up</p> <p>Air range Wide</p>

* 1: If there are items which are difficult to be dried, placing in between other items, use the "Wave" setting to make drying more effective.

* 2: Choose either "Up" or "Down" depending on how high the clothes are hanging and how high the closet is.

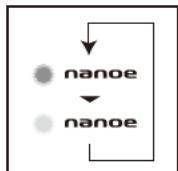
nanoe™ bacteriostasis and deodorization

nanoe™ (Laundry/Mode/Humidity)

■ To clean and deodorize during operation



Press to select



■ During "cloth drying"

To refresh cloths, with deodorization and sterilization nanoe™ function will be enabled automatically. The LED indicator lights up and cannot be cleared manually. The system beeps if you try to operate the "Purifying" button. If sound set OFF, there is no beep.

■ In "Mode" and "Humidity"

The nanoe™ function may be switched on/off as desired.

About nanoe™

Environment conditions for generation

- The nanoe™ is generated from indoor air which may fail to run successfully due to various temperature and humidity conditions.

● Generation conditions

Indoor temperature: 5°C~35°C with dew temperature above 2°C.
Relative humidity: 30%~85%

Little amount of ozone

- The generation of nanoe™ ion may be accompanied with little amount of ozone. It's far less than ozone level existing in natural forest and bears virtually no impact on human body.
- In case of odor of ozone, disable the "cleaning and deodorization" function.

■ nanoe™

nanoe™ nano water ion (nanoe™ ion hereafter) is a charged clean water ion by separating water molecules with high voltage. The nanoe™ ion technology features sterilization^{※1}, allergens inhibition^{※2}, fungi elimination^{※3} and deodorization^{※4} for skin healthy space.

★ Floating fungi: Results after 4 hours test in 25 cubic meter closed space instead of practical outcome in daily life environment.

★ Adhering fungi: Results after 8 hours test in 23 cubic meter closed space instead of practical outcome in daily life environment.

Deodorization effects vary with ambient environment (temperature, humidity), operation hours, deodorization, type of fabrics.

- Standalone test and practical use effectiveness may differ from each other due to conditions and use method.

- This device is not a medical equipment.

※1 <Floating fungi>

- Experimental organization: The Japan Food Research Laboratories
- Experimental methods: Placed in test room of 25 cubic meter and count bacteria collected
- Sterilization method: Releasing nano water ion
- Subjects: Floating fungi
- Results: More than 99% floating fungi killed after 4 hours "BSHF 24_0301_1"

<Adhering fungi>

- Experimental organization: The Japan Food Research Laboratories
- Experimental methods: Count bacteria adhere to standard cloths in 23 cubic meter room
- Sterilization method: Releasing nano water ion
- Subjects: Bacteria adhere to standard cloths
- Results: More than 99.9% bacteria adhere to standard cloths killed after 8 hours "No. 13044083003-01"

※2 ● Experimental organization: Matsushita Electric Works Analysis Center (Corporation)

- Experimental methods: Placed in test room of 23 cubic meter and test by ELISA method
- Removal method: Releasing nano water ion
- Subjects: Pollen (cedar)

● Results: More than 88% allergic substance inhibited in 8 hours "BAA33-130402-F01"

※3 ● Experimental organization: The Japan Food Research Laboratories

- Experimental methods: Measuring changes in fungi in test room of 23 cubic meter
- Sterilization method: Releasing nano water ion
- Subjects: planktonic fungi
- Results: Positive effects in 8 hours "No. 13044083002-01"

※4 ● Experimental organization: Matsushita Electric Works Analysis Center (Corporation)

- Experimental methods: Verify with 6-grade odor intensity table in test room of 23 cubic meter
- Deodorization method: Releasing nano water ion
- Subjects: Adhering cigarette odor
- Results: Odor intensity dropped to grade 1.2 in 2 hours "BAA33-130125-D01".

Note: The nanoe™ and nanoe™ logo is trademark of Matsushita Electric Industrial Co., Ltd.

Timer / Handling of louver falling off / Handling of full water tank

To use timer for power off

- Press **Timer** button during operation to set up desired auto power off time. Press this key to cycle through from 1 to 12 hours (press and hold it to cycle automatically).



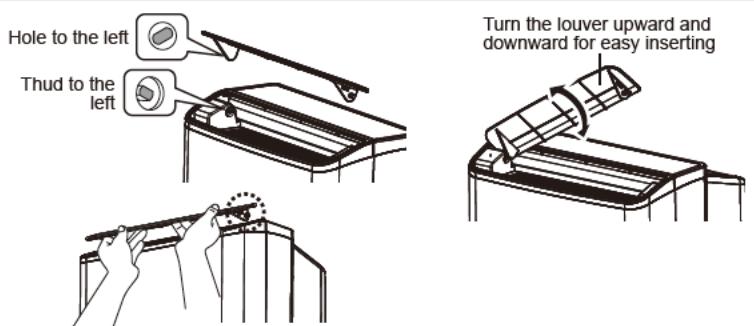
- The timer displays remaining time once it is set. Take example. For timer set to 9 hours and with 8 hours to go, it displays 8 hours.
- The timer keeps count down once it is set even after the water tank is full and operation aborted.
- Set timer in cloth drying mode will prevent ECO indicator, auto stop indicator, and cloth humidity indicator from lighting up.

Handling of louver falling off

Louver fall off

■ Installation of louver

- Point and insert holes to the left to thud at left side of your product
- The louver is flat and slightly bent at its center part.
- Insert right hand side of it to machine body.



Handling of full water tank

- The product stops operation automatically when water in tanks reaches the full level (about 5.2 liter). The LCD indicator turns orange for 10 seconds then goes off. The water **Full** display and indicator keeps on flashing. (If the water full alert is ON (P18), the buzzer beeps for 5 seconds together with the orange indicator.)
- Please empty water tank as described below

- Hold the machine body steady with one hand and gently remove water tank out of it with another hand
 - Without hitting each other (cause to failure)



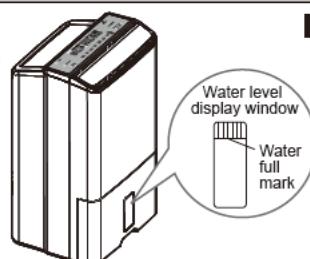
- Carry the center part of water tank handle to drainage position.
(To avoid water spilled lead to accident, please hold it gently while moving.)



- Pull up the water tank cover to open the drainage opening.
 - Open the drainage opening



- Carry the center part of water tank handle and hold the bottom part to drainage position.



■ Water tank installation

Close the drainage opening, insert water tank into place

- Close both water tank cover and drainage opening for installation (or the water tank may fail to install into place and may lead to water leak)
- Push water tank into place. In case of damaged poorly installed water tank the water full indicator may fail to flash and system operation may fail to start. Please remove the water tank and install again.

How to drain continuously

■ You may connect a hose to this product for continuous drainage if applicable
(call your service center or dealer for continuous drainage installation or removal)

CAUTION

■ Secure drainage hose firmly.



Keep drainage hose from bending and elevation difference for good drainage. Poor drainage may lead to water leak and wet floor.

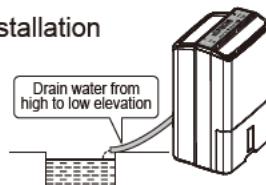
■ Keep temperature around drainage hose above zero Celsius



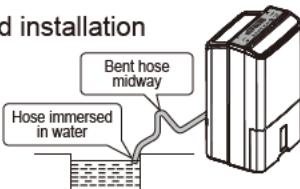
Or water in drainage hose may get frozen. This may block the hose from drainage and lead to water leak and wet floor.

Drainage hose installation

Valid installation



Invalid installation



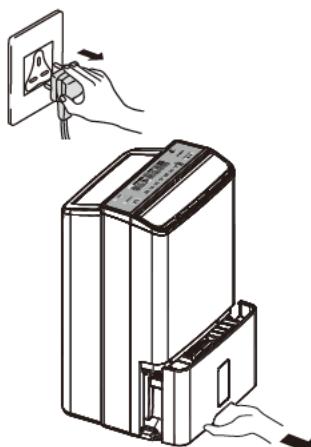
Required accessories

- Plastic water hose
Length: 30cm longer than distance from dehumidifier to drainage opening
Inner diameter: 15mm

Note

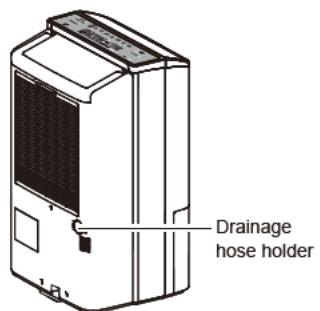
Temperature difference in between water in drainage hose and environment may lead to water condensed on surface of drainage hose. Take insulation measures if necessary.

1 Remove power plug and water tank

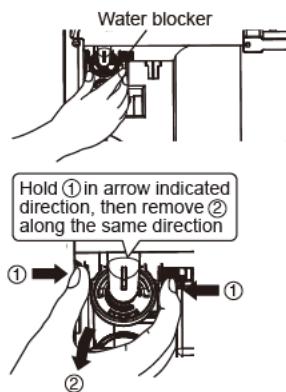


2 Open up drainage hose holder

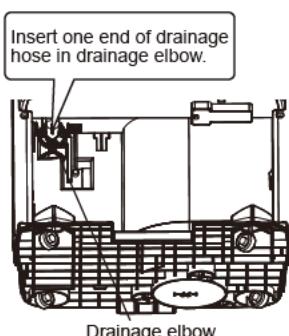
(turn it 90 degree outward instead of removing it)



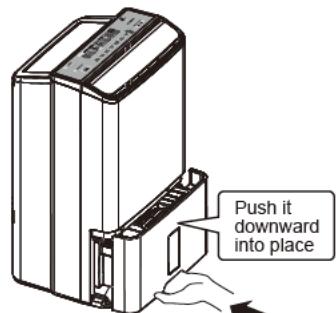
3 Remove water blocker



4 Install drainage hose



5 Install water tank



● Invalid installation may lead to operation failure

Note: Please call your service center or dealer to un-install it as invalid installation may lead to water leak out of water tank.

Maintenance



Empty the water tank before doing any maintenance work!

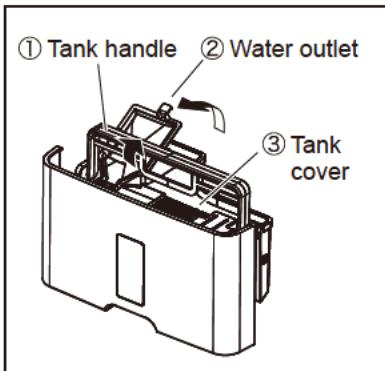
- Cleaning agents such as those shown at left should not be used.
- If using a chemically-treated cloth, be sure to read the instructions of the cloth.



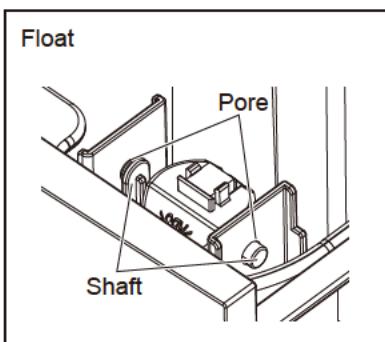
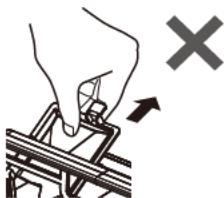
- Please disconnect the power plug and empty the tank. (see P.14 for how to empty the tank)

Water tank: Once per month

- Wash water tank and tank cover with clean water 2-3 times.
- You don't need to remove the float, just clean it with water.

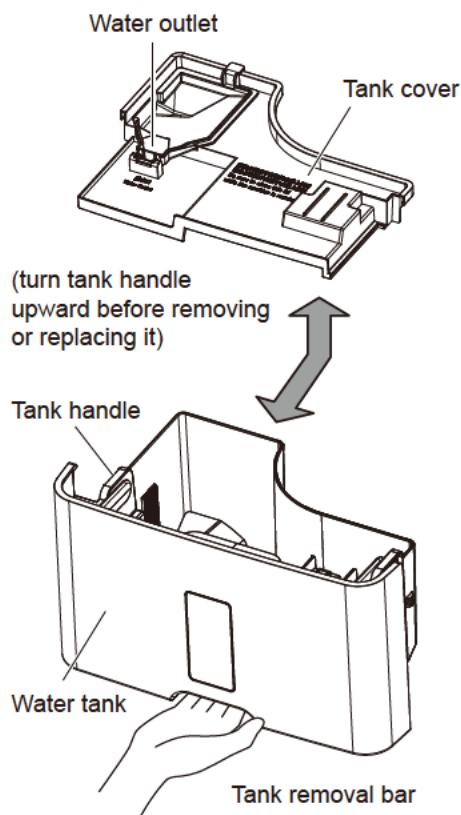


- To remove the tank cover
 - ① Turn water tank handle up
 - ② Open the water outlet
 - ③ Pull water tank cover upward
- Do not strongly pull on the water outlet.



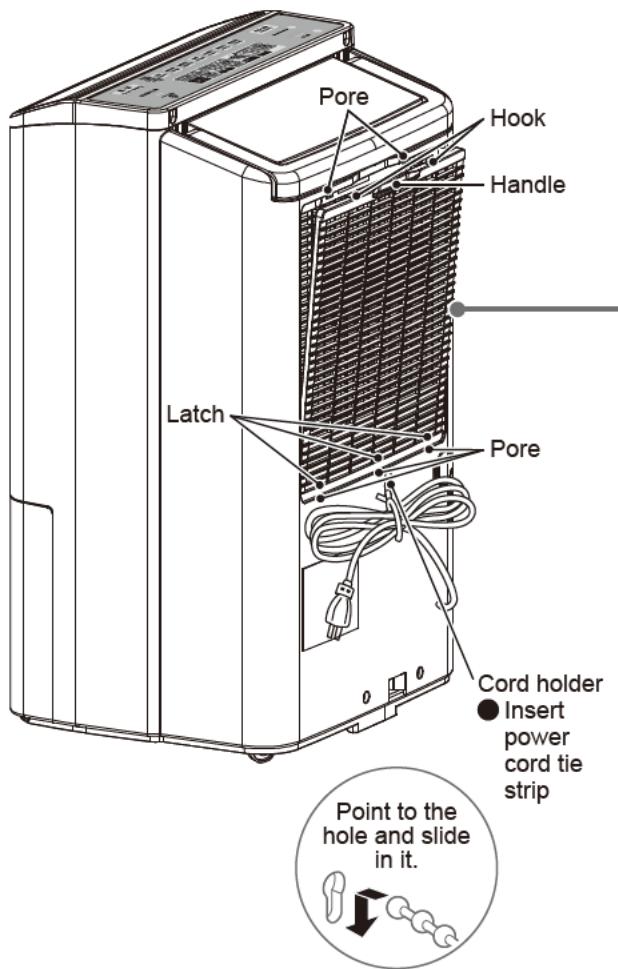
- Float
 - Clean dirt around shaft with water (to prevent float from malfunctions)
 - DO NOT remove float (invalid installation of it may lead to operation failure and water leak)
→ Insert both axis in hole as illustrated in figure to the left when float falls off.

- Remove sticky dirt with thinned neutral detergent
- Inner wall of tank may get black (due to dirt in air which dissolved in water)



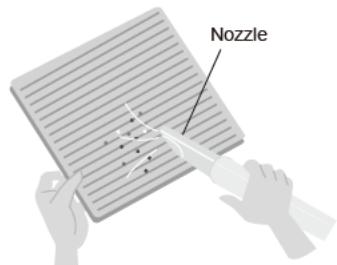
■ Wipe machine body with wrung out wet cloth before wiping with dry cloth again.

- DO NOT leave the body widthwise (this may lead to water leak)
- Remove sticky dirt with thinned neutral detergent

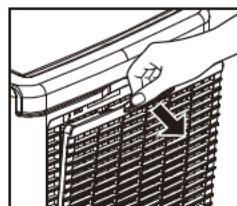


Filter (clean it biweekly)

Remove dirt with vacuum cleaner

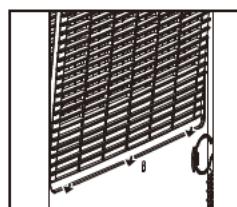


■ How to remove it

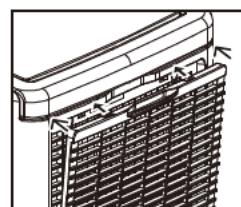


- Pull the handle forward

■ How to install



- ① Insert the three lower latches in pores in the body

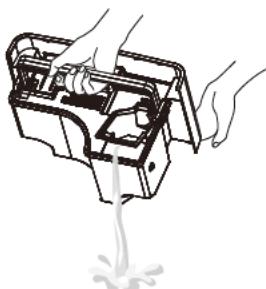


- ② Press two hooks at upper part into body

- Replace in case of any damage.

- Regular maintenance
(dehumidification capacity may drop, power bill may rise, and more failures may follow due to dirt and clogged filter)

For machine not to use for long time



- ① Select function Fan and set it to run for 4 hours and power off automatically afterwards.
- ② Remove power plug, leave it for one day, empty the water tank afterwards (p.14).
- ③ Clean body, water tank, and filter.
- ④ Cover body with plastic bag.
- ⑤ Store dehumidifier in place of low humidity, good ventilation, and flat surface. (leave it tilted may lead to failure and water leak)

About Laundry mode

About ECO

Select Normal along with Air (Auto, Hi, Mid, or Lo) to start the drying operation. The ECO indicator, auto stop indicator, and cloth humidity indicator light up during drying and off afterwards. (p.10)
Detect changes in temperature, humidity; run and auto stop operation according to amount of cloths and estimated drying status.

- Reference operation hours before auto stop.

Model No.	GCM33H		
Volume of cloths	Drying operation hours		
	Auto /Mid	Hi	Lo
2-4 kg roughly	3.7~5.2	3.4~5.0	4.2~6.1
4-6 kg roughly	5.4~7.4	5.2~7.2	6.1~8.0

Test conditions: Temperature at 20°C;
humidity at 80%,
room size at 20 square
meters (results as tested
by this company)

- Actual operation time, power consumption, dehumidification level may vary with conditions of environment, type, amount, hanging pattern of cloths, room size.
- To dry cloths with dehumidifier it's better to do it in space small and well closed for less energy waste.
Operation stops after about 10 hours.

Effectiveness of Filter

The filter contains super allergen-buster and antimicrobial agents to help inhibit allergens, bacteria and fungi activity.

Super allergen-buster

Inhibit growth of allergens (e.g. pollen and dust) trapped in filter

Test Institution: Osaka Municipal Technical Research Institute

Test Method: Using enzyme immunoassays measurement methods for reduction of fine allergens material

Test Results: Allergen activity inhibited

Antibacterial

May inhibit bacteria *3 and fungi *4 caught in filter.

*3 Test Institution: (fiscal) Japan Food Analysis Center.

Test Method: Use standard agar and agar plate culture method.

Test Results: Inhibit more than 99% bacteria.

*4 Test Institution: (fiscal) Japan Food Analysis Center.

Test Method: The anti-fungal test method (halo test method).

Test Results: Effective fungi resistance under the halo test method.

● Filter may end up with peculiar odor of "Family health green tea extract". This is normal and bears no harm to human body.

● The filter changes light brown afterwards. Frequently used filter may end up with brown spots. This is normal and does not hamper its performance.

Sound settings

● You can change sound settings only in standby mode

● Factory default: Key sound ON, water full sound OFF

● With memory

● Key sound setting:

Standby



+ Louver

+

Louver

+

Standby

Key Lock setting

● Key Lock on

During standby or operation, please press  button for 3 seconds to activate the Key Lock.

When the LCD  lights up, all functions are not available.

(The backlight will light up by pressing any button when locked)

● Key Lock off

During standby or operation, please press  button for 3 seconds to unlock.

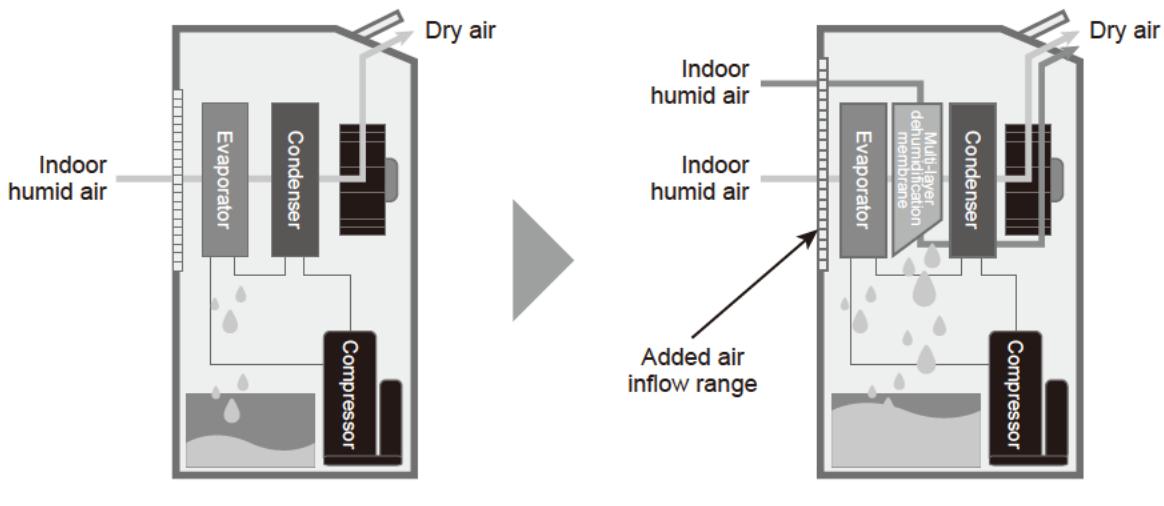
When the LCD  goes off. All functions are available.

★ Key Lock will be automatically released when power failure occurs. The Key Lock must be re-set.

★ When the tank is full, Key Lock cannot be canceled by pressing the button if the tank is not emptied.

W-HEXS, the more energy saving dual dehumidification system

Differing from conventional dehumidification system's single air flow direction the W-HEXS comes with multi-layer dehumidification membranes. This not only expands air inlet direction but also improves power efficiency of dehumidification.



Conventional
dehumidification system

Dehumidification by condenser and
evaporator along with compressor

W-HEXS dual
dehumidification system

Multi-layer dehumidification membrane
plus conventional dehumidification system

Fault

Please check the following first.

If the problem persists after taken all these steps, disconnect power plug and call your dealer or service center.

Error	Please ensure its contents
① Buttons do not operate.	<ul style="list-style-type: none"> ● Is the Full tank indicator is flashing (P.14), or is Repair indicator flashing? (P.7), Key lock Set? (P.19), Does the Defrost indicator is flashing? (P.7)
② The Full Tank indicator is flashing even though the tank is not full.	<ul style="list-style-type: none"> ● Are the tank and float correctly installed inside the unit? (P.14, P.16) ● Was the tank banged against the unit during insertion? (P.14) → Remove the tank and then reinstall it gently.
③ Water is leaking.	<ul style="list-style-type: none"> ● Has the unit been tilted or knocked over? ● Was the unit moved while there was still water in the tank? (P.4) ● Has the float come off? (P.16)
④ The tank does not fill up with water. (The unit is not dehumidifying very well.)	<ul style="list-style-type: none"> ● Is the filter clogged (P.17), or is something blocking the air inlet or air outlet? (P.4) ● Are the room temperature and humidity low? (The unit dehumidifies less as the room temperature and humidity become lower.) ● Is the unit set to operate in "Auto" or "Mild" mode? (P.8) ● If the temperature is outside the range of 7 °C ~ 40 °C, dehumidifier operation will stop and become blower operation. (P.7)
⑤ No water remains inside the unit.	<ul style="list-style-type: none"> ● Is the Fan mode set? → Fan mode will not retain water.
⑥ It takes a long time to dry clothes.	<ul style="list-style-type: none"> ● Is wet, cold air entering the room? → Keep doors and windows closed as much as possible while drying clothes.
⑦ Clothes do not dry completely.	<ul style="list-style-type: none"> ● Did prior clothes drying cycle complete? ● Is wet, cold air entering the room? → Avoid open doors and windows as much as possible while drying clothes. ● Is there a heater in use near the unit? (If the surrounding temperature is too high, the sensor will be unable to accurately judge the drying time.) ● Is the air blowing onto the all clothes? ● Are the clothes hung too closely together or in layers?
⑧ The humidity does not go down.	<ul style="list-style-type: none"> ● Is wet, cold air entering the room? → Avoid opening doors and windows while drying clothes.
⑨ Condensation forms all the time, even during dehumidifying.	<ul style="list-style-type: none"> ● It may not be possible for dehumidifying to be fully effective if you place the dehumidifier in some places such as near windows, or behind furniture where air circulation is poor.
⑩ The Check indicator flashes with error code [11] displays.	<ul style="list-style-type: none"> ● Is machine body tilting? → 1. Disconnect the plug, lift machine body up straight and wipe waters leaked 2. leave the machine idle for more than half a day (to dry the unit inside completely in case any water has spilled inside) 3. connect the plug, run dehumidification again ● Is machine body tilted too much? → Unplug the power plug and then reconnect it. ● Is magnet or metal placed atop the machine? (P.7)
⑪ Mal-action	<ul style="list-style-type: none"> ● Is the control panel contaminated with foreign matter, droplet, or dust? (P.7)
⑫ There is hiss, squeak, or water flow sound heard	<ul style="list-style-type: none"> ● This is the sound of refrigerant flowing within dehumidifier or nano-ion generation and is not a failure.

In case of the following, disconnect the power plug and call service center or dealer

Error	Please ensure its contents
⑬ The "Check" indicator lights (without flashing) and prompts error code (P.7 check)	<ul style="list-style-type: none"> ● Machine failure, please note down the error code and call service center or dealer.

Emergency measures

In case of the following situations, remove power cord and call your dealer or service center immediately.

- Poor switch operation.
- Leak switch or fuse cutout frequently.
- Power cord and plug over heated.
- Odor or noise during operation.
- Water leaks from host.
- Other error or failure.

Please observe the rule

Please have your power cord replaced by equipment manufacturer, service center, or qualified technician for your own safety.

Specifications

Model No.		GCM33H	
Power supply		220 V~ 50 Hz	
Power plug shape			
Operating condition	Temperature	26.7 °C	30 °C
	Relative humidity	60 %	80 %
Dehumidification capacity(L/Day)		1.8	3.3
Power consumption (W)		26.8	32.0
Water tank capacity (L)		The unit automatically stops at around 5.2 litres	
Weight (kg)		1.8	
Dimensions (WxHxD) (mm)		370X614X298	

- Power consumption by dehumidifier at standby mode: 0.8W. (with power plug connected)

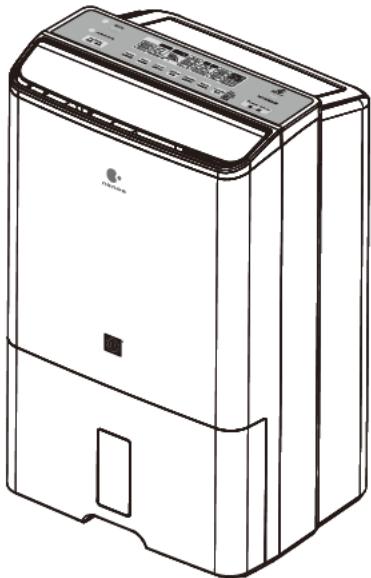
Customer's record

For model name and production number of this product, please refer to the back side of machine.
Please record them in the space provided and keep for future reference.

MODEL NO.	SERIAL NO.
DATE OF PURCHASE	DEALER'S NAME
DEALER'S ADDRESS	
TELEPHONE NUMBER	

KDK Company, Division of PES

Head office : 4017,Takaki-cho,Kasugai,Aichi,Japan



操作說明書

抽濕機

型號

GCM33H

本產品只可在室內使用

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<頁號>

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正確的使用，將幫助您更省電

另附保用證

多謝閣下選購本Panasonic產品。
●請仔細閱讀本操作說明書，以便
正確安全地使用產品。
●使用前，請緊記閱讀「安全注
意事項」章節（P.24~26）。
●請確定在保用證上正確寫明「購
買日期」和「購買商戶」等資料。
然後於購買十日內寄回，並將保
用證連同操作說明書一起妥
善保管，以備日後參考。

此機不適合傷殘人士、知覺障礙人士、智力障礙人士或缺乏機械操作經驗及知識之人士
(包括兒童)自行操作。如有安全負責人在場監督及提供指導下協助操作此機，則屬例外。
請勿讓兒童擅自操作此抽濕機。
如果機器的電源線損壞了，必須找該機器的廠商，
維修服務中心或合資格技術人員替您更換以防危險發生。
維護保養前，請務必拔下電源插頭，將水箱水排走。

安全注意事項

請務必遵守

為了事先防止使用者及他人人身受到傷害或財產受到損失，下面就必須遵守的事項予以說明。

■ 當忽視標記內容而進行錯誤操作時，根據其發生危害或損害程度，分下述兩種予以說明。



警告

該欄內容表示“有可能導致死亡或重傷的嚴重後果”。



注意

該欄內容表示“有可能導致傷害或物質損失的後果”。

■ 將需要遵守的內容，下圖所示標記區分並予以說明。



該圖標記的內容為“需要注意”事項。



該圖標記的內容為“禁止”事項。



該圖標記的內容為必須實施的“強制”事項。



警告

■ 請不要損壞電源線
· 電源插頭



請不要割傷、加工、強力彎曲、拉扯、上重物或用尼龍綁帶及鐵絲捆綁。損壞後繼續使用有可能導致短路、火災或觸電。

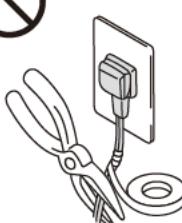
●如果機器的電源線損壞了，必須找該機器的廠商，維修服務中心或合資格技術人員替您更換以防危險發生。

■ 手濕時請勿拔取插頭



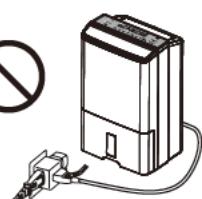
可能導致觸電。

■ 避免電源線破損或
加工



放置重物、加熱、拉扯所產生的破損，可能導致火災或觸電。

■ 使用時不要超出電
源插座及配線器具
的額定電流



如果使用過多分支線會超過額定電流，有可能由於發熱導致火災或觸電。

■ 請勿使用損壞的電
源線



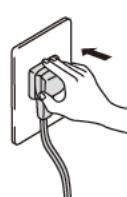
使用損壞的電源線可能導致短路、火災或觸電。
請洽詢原購買的經銷商或服務站。

■ 請不要用插入或拔
下電源插頭的方式
來開機或關機



有可能由於發熱導致火災或觸電。

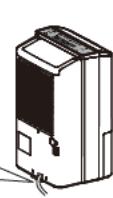
■ 請確實插好電源插
頭



電源插頭如果沒插牢，有可能由於發熱導致火災或觸電。

●請不要使用損壞的電
源插頭或插口鬆馳的插座

■ 勿使用規定之外的
電壓



有可能由於發熱導致火災或觸電。

⚠ 警告

■ 請不要將手指或棒類插進出入風口



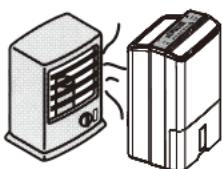
由於裡面的風扇高速旋轉，可能導致傷害。

■ 拔下電源插頭時請勿強拉電線



如果拉扯電源線有可能損壞電源線導致短路、火災或觸電。

■ 請不要放在發熱器具附近



有可能使樹脂溶化導致火災。

■ 定期清理電源插頭上的塵埃和污垢



電源插頭上的塵埃會累積濕氣，導致電源插頭的絕緣層失去效用，可能導致火災或觸電。

● 拔出電源插頭並用乾布拭抹。當不需使用抽濕機時，緊記拔出電源插頭。

■ 請不要自行修理



有可能導致火災或觸電。

● 須修理時，請洽詢購買時的經銷商或服務站。

■ 請勿拉緊電源線



這樣可能會造成短路或損傷電線內部的導線，並可導致火災或觸電。

■ 異常時（有下述症狀）請停機後將電源插頭拔下

- 開關操作不確實。
- 漏電開關或保險絲時常熔斷。
- 電源線及電源插頭異常發熱。
- 運行時聞到燒焦氣味或發出異常聲音。
- 從主機有水漏出。
- 其它異常故障。

由於發熱等原因可能導致火災或觸電。

● 請洽詢購買時的經銷商或服務站。

■ 在移動或收起抽濕機時，請勿拉扯電源線



這樣可能會造成短路或損傷電線內部的導線，並可導致火災或觸電。

⚠ 注意

■ 在長時間運轉時請注意室內溫度



運動過程中發熱會導致室內溫度上升，如在封閉的房間內使用，有可能使身體感到不適。

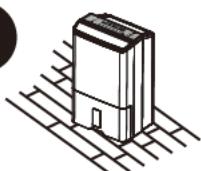
● 嬰兒或老年人應尤其注意。

■ 請不要在容易被水濺到的地方使用



有可能導致火災或觸電。

■ 請放在平穩且堅固的地板上使用



如果倒下將會有水溢出弄濕屋內財物，導致火災或觸電。

■ 請不要在可能有可燃性氣體洩漏的地方使用



如果可燃性氣體洩漏充斥周圍空間，有可能導致火災。

■ 請不要在壁櫥等狹窄的空間使用



由於通風不良有可能導致發熱或火災。

■ 請不要在有陽光直射、風吹雨淋的地方使用



由於受熱可能導致火災或觸電。

安全注意事項



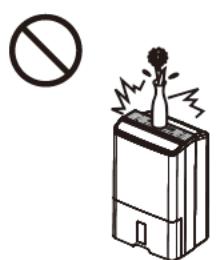
注意

- 請不要用於保存美術品及學術資料處



有可能導致保存品品質變劣

- 請不要在上面擺放花瓶等裝有水的容器



如果有水溢出流進機內，有可能導致火災或觸電。

- 請不要用水直接清洗抽濕機



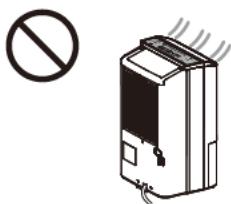
有可能漏電導致觸電。

- 請不要用殺蟲劑噴灑或用揮發油及稀釋劑擦拭機體



可能因破損導致傷害及漏水弄濕屋內財物，或由於短路導致火災或觸電。

- 請不要在抽濕機出風口的地方使用燃燒器具



由於燃燒器具不完全燃燒可能導致一氧化碳中毒。

- 請不要將出入風口用布或被子蓋住



由於通風不良有可能導致發熱或火災。

- 請不要坐在或爬到機器上面



有可能由於滑落、跌倒導致傷害。

- 請不要以手持抽濕風向板的方式移動或搬運機器



有可能落下導致傷害。

- 搬動抽濕機前請停機並將水箱裡的水先倒去



有可能水溢出弄濕屋內地板或財物，導致意外發生（人員受傷或火災或觸電）。

- 清潔時要停機並且將電源插頭拔下



由於裡面的風扇高速旋轉，可能導致傷害。

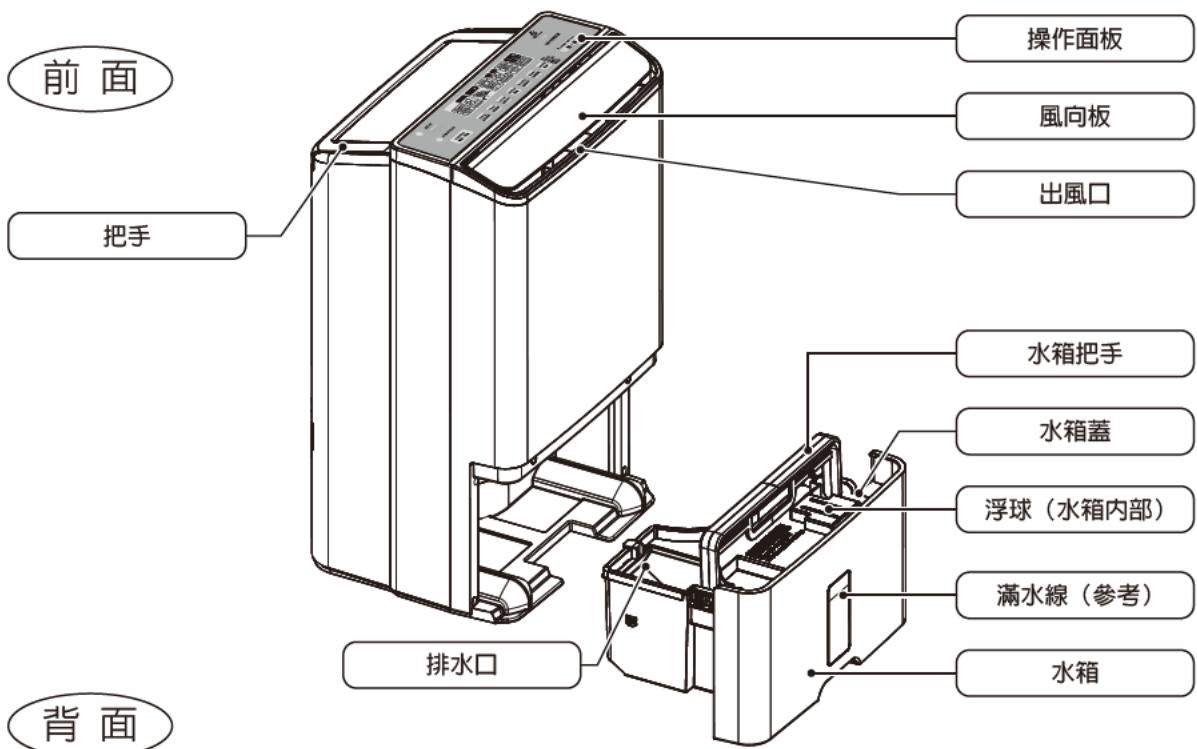
- 當長時間不用本機器時，為安全起見請將電源插頭拔下

- 長時間持續使用時須做好定期檢查工作



特別是空氣過濾網及排水管等更需做好定期檢查工作，否則易造成過熱及漏水，可能導致火災或弄濕屋內財物。

各部位的名稱

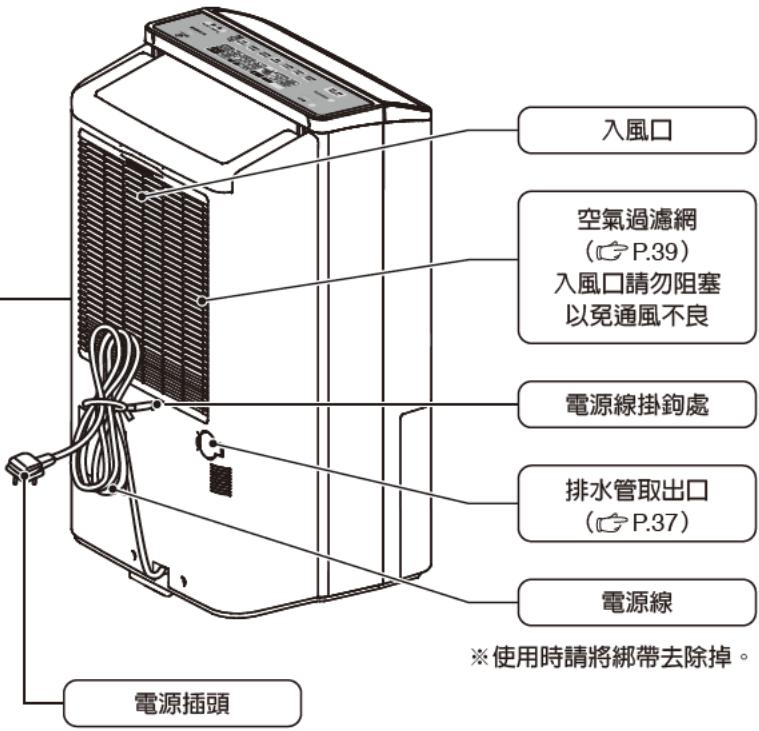


提 醒
腳輪（主體底部 / 4個）

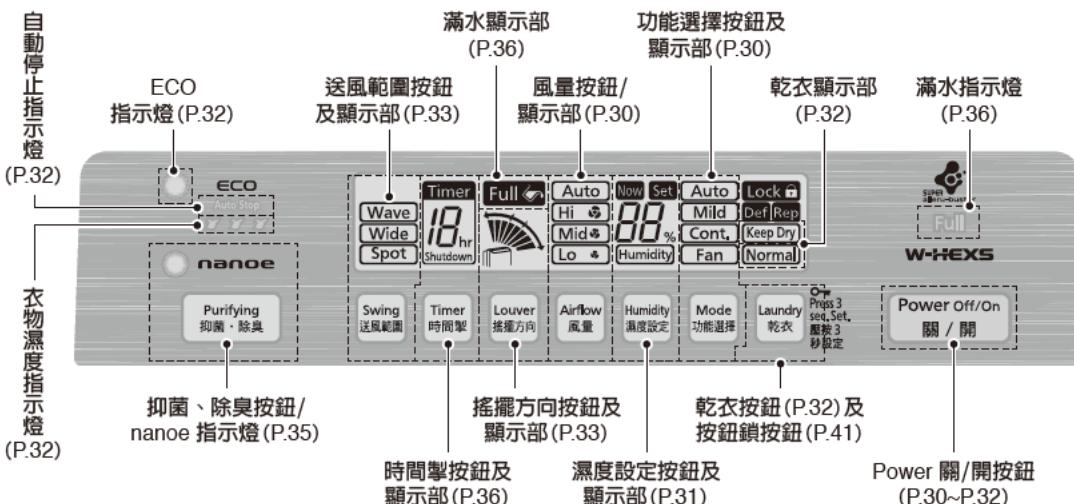


使用場所

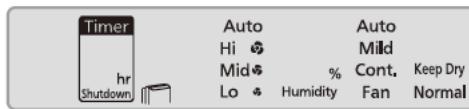
- 請距離牆壁等至少20厘米以上。
(主機周圍牆壁及傢俱等有可能被靜電弄髒)
- 請距離電視、收音機等至少1米以上。
(為防止出現畫面干擾、噪音)



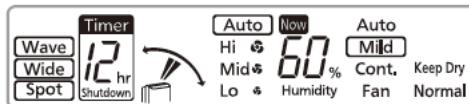
操作面板



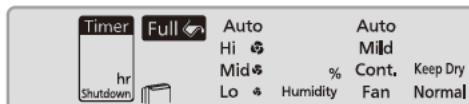
LCD顯示



未通電



通電中操作按鈕時，被選擇之功能會框起或顯示狀態，同時LCD背光會亮起，在停止操作後約10秒背光會自動熄滅。



滿水時，LCD會顯示約10秒橘色光後熄滅，Full (arrow icon) 顯示則持續點滅（當設定滿水提示音為開時，則在橘色光顯示同時，會有約6秒囉..囉..囉..囉..提示音）且滿水指示燈會持續閃爍。

提醒

濕度顯示

* 若濕度超過約85%時會顯示Hi，低于約24%時，會顯示Lo。

Hi % Lo %

檢查

* 「Rep」指示燈閃爍並出現故障代碼「11」時，請確認以下內容：

●本體傾倒時

- ①拔下電源插頭。
- ②將本體扶起（擦拭溢出的水）。
- ③本體放置半天以上不要使用。
(內部有水侵入時，為了讓它完全干燥)
- ④再次插入電源插頭，運轉除濕。

●本體是否傾斜角度過大？

→拔下電源插頭，重新插入。

●本體的上方，是否有磁鐵或金屬放置？

→請去除磁鐵或金屬，並拔下電源插頭，重新插入。

滿水

* 「Full」指示燈與滿水顯示閃爍時，代表水箱滿水，若水箱內的水不倒掉時，所有功能選擇將無法執行。

除霜

* 當「Def」指示燈閃爍時，代表機體正在除霜。

→只能接受「Power off/on 開/關」按鈕，其他按鈕操作無效。

防霉

※關機防霉：

* 當運轉停止後（手動操作關機或定時關機），為了降低機器內部水氣防止發霉，機器會再送風運轉約3分鐘，如不需要此功能可於進入此功能後按「Power off/on 開/關」鈕取消。（註1）

* 因壓縮機運轉時間，有時並不會進入此功能。

註1. 壓縮機運轉10分以上時。

保護

●為了防止忘記關機，24小時以上沒有任何按鈕操作，運轉將停止。

●室溫約32 °C以上時為了保護機器會自動的提高風量。

●可以運行的室內溫度為7~40 °C。如果在超出該範圍的房間內使用，可能導致機器不能正常運轉。

●停電發生時，抽濕機停止運轉，復電後恢復至待機狀態。停機後3分鐘內請不要運轉，以確保壓縮機使用壽命。

安全保護

●當有異物、水滴或灰塵等或持續按壓一個或多個按鍵累計達約17秒，就會啟動安全保護，抽濕機將維持原使用狀態（安全保護狀態僅「Power off/on 開/關」按鍵可操作，其他按鈕操作無效）。

* 若安全保護狀態運轉超過10小時，則在10小時後自動關機（「Power off/on 開/關」鍵除外）

* 當「Lock」+「Rep」亮起時，請將異物取下、水滴或灰塵擦拭干淨或將手移開即可解除安全保護狀態。



會亮起 (安全保護狀態)

舒適

●本抽濕機適用於日常生活中，如去除令人感到不快的濕氣及幫助乾燥洗滌物等，但在濕度約50%以下時，無法維持舒適之濕度環境。

出廠設定

●待機中

和 同時按壓約7秒鐘啟動濕度顯示「00」，表示回復至原廠預設值。

* 恢復原廠設定後，所有操作模式將復原為初始值。

記憶功能

●當運轉停止後，再次啟動運轉時，機體會回復到前回使用的運轉模式。

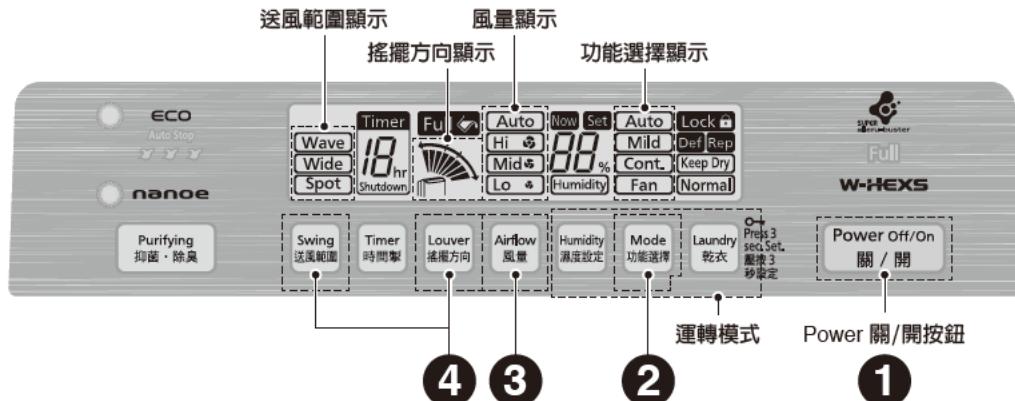
●當電源插頭拔掉後再次接上電源並啟動運轉時，機體會回復到前回使用的運轉模式。
(定時設定除外)

提 示

●切勿在無人看管的情況下使用抽濕機。

●定期找專業人士檢查產品。

功能選擇模式運轉時 / 風量選擇



1 插入電源插頭 運轉開始



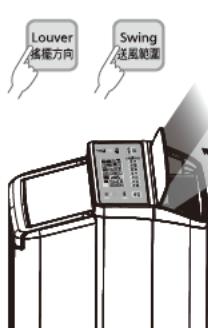
2 按鍵選擇



3 風量選擇



4 風向選擇 → P.33



■ 想停止運轉時



- 運轉停止後為了本體內部乾燥，會有約3分鐘送風運轉。（關機防霉P.29）
- 電源插頭於停止操作後3分鐘以上再拔下。

■ 想使用定時關機時 (P.36)



■ 滿水指示燈閃爍時 (P.36) ● 自動運轉停止→請將水箱水排除。

Auto

想保持舒適的濕度時

- 濕度感知器可以感知測出濕度並使房間的濕度維持在最適合人體的狀況下，濕度感受因人而異，若覺得不適合，可選擇「濕度設定」功能來作濕度變化。
- 濕度高時，抽濕運轉，濕度低時，停止抽濕運轉。
- 會依據室溫作濕度範圍的調整。

Mild

維持濕度（約65 %）

Cont.

想強制連續抽濕時（濕度無法控制）

Fan

想清淨抑菌時（參照：過濾網的效用P.40）
(此時抽濕運轉是停止的)

風量選擇（乾衣 / 功能選擇 / 濕度設定）

(請於P30~P32運轉模式選擇後設定)

■ 想作風量變化時



Auto 為出廠設定各模式最佳運轉風量

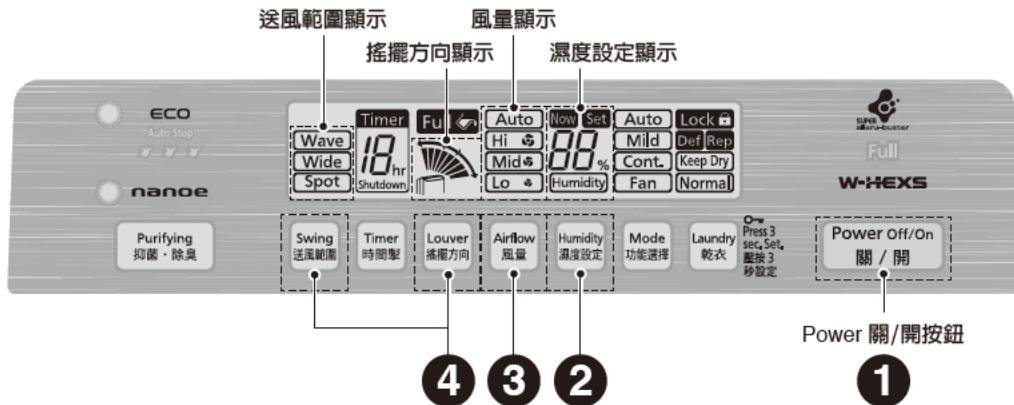
Hi 想快速乾衣、抽濕、送風時

Mid 想省電乾衣、抽濕、送風時

Lo 想安靜乾衣、抽濕、送風時

■ 若室溫超過32°C時，機體進入保護，風量及風向將不接受調整。（此時若操作風量及搖擺方向按鍵，將發出嗶一嗶一提示音）

自行設定濕度抽濕時



1 插入電源插頭 運轉開始



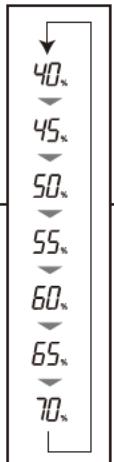
2 按鍵選擇



3 風量選擇 → P.30



4 風向選擇 → P.33



想自行設定需求的濕度抽濕時

- 按「濕度設定」鍵設定需求的環境濕度值後，會顯示設定的濕度值及「Set」字樣約 5 秒後，回復顯示目前的濕度值及「Now」字樣。
- 濕度感知器可以感知測出濕度並使房間的濕度維持在自行設定的濕度。
- 濕度高時，抽濕運轉，濕度低時，停止抽濕運轉。

■ 想改變風量時 (P.30)



■ 想停止運轉時



- 運轉停止後為了本體內部乾燥，會有約3分鐘送風運轉。（關機防霉P.29）
- 電源插頭於停止操作後3分鐘以上再拔下。

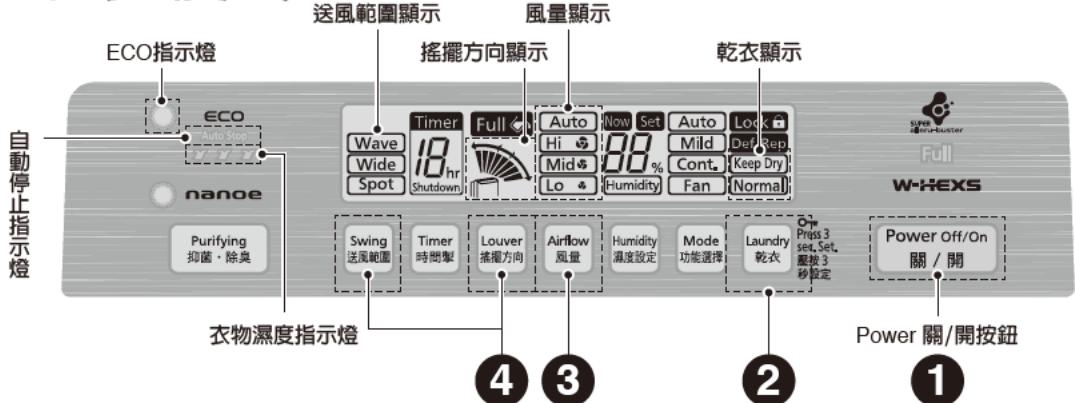
■ 想使用定時關機時 (P.36)



■ 滿水指示燈閃爍時 (P.36)

- 自動運轉停止→請將水箱水排除。

乾衣模式



1 插入電源插頭 運轉開始



3 風量選擇 → P.



4 風向選擇 → P.33



■ 想停止運轉時



- 運轉停止後為了本體內部乾燥，會有約3分鐘送風運轉。（關機防霉P.29）
 - 電源插頭於停止操作後3分鐘以上再拔下。

■ 想使用定時關機時 (P.36)



- 作此模式設定時，ECO 指示燈、自動停止指示燈、乾燥指示燈將不會亮起。

■ 滿水指示燈閃爍時 (P.36)

- 自動運轉停止→請將水箱水排除。



■ 衣物濕度指示燈 (■ ■ ■)

- 衣物乾燥時才有此機能。
 - 通知衣物乾燥的狀態。



※乾衣終了後再一會兒，為了不讓衣物濕氣回潮，保持乾衣狀態。

- 根據衣物的種類、數量、懸掛的方式、房間的環境等，會有實際的乾燥狀態差異的可能。
 - 若乾燥程度無法滿足使用者需求時，可選擇含有「Keep Dry」的機能。

■ nanoe™ 指示燈

- 當乾衣起動時，為保持衣物清新將進行抑菌、除臭，nanoe™ 將強制起動（無法以手動解除，此時若操作「Purifying」按鈕，將發出嗶—嗶—提示音）

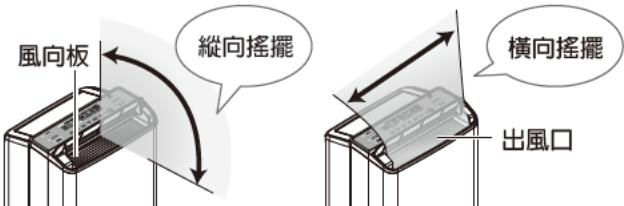
選擇風向



P.34

您可以參考下頁
的指引選擇風向！

選擇運作模式（P.30～P.32）後，設定風向。



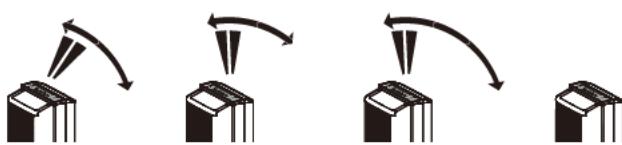
■ 運作

您可以設定縱向搖擺的幅度，將風送達您需要的高度範圍。

■ 要使風向板搖擺

運轉中

→ (按下以選擇)



Down → Up → Auto → (停止搖擺)



■ 固定風向板

選擇「Auto」時，風向板會自動搖擺，而當風向板搖至所需位置時，再次按

- 搖擺方向指示燈會熄滅，風向板將停止搖擺，並以固定方向送風。

提醒

- 切勿在搖擺送風時用手移動風向板。（搖擺幅度會改變）

縱向搖擺

您可以設定橫向搖擺的幅度，將風送達您需要的闊度範圍。

運轉中

→ (按下以選擇)

↓
Spot → Wide → Wave → (正常)



- 若沒有選擇橫向搖擺設定，抽濕機會以出風口的闊度範圍送風。



- 向一處集中送風
- 左右兩邊廣闊送風
- 集中向中央送風，也向左右兩邊送風

橫向搖擺

風向設定例子

快速乾衣法

- ① 將抽濕機放在能夠將風平均吹向所有衣物的地方。
- ② 衣物之間要保持一定距離，以便讓空氣流通。
- ③ 視乎衣物的數量而定，抽濕機與衣物之間應保持40厘米或以上的距離。

乾 衣	弄乾下方的衣物	<p>搖擺方向 Down</p> <p>送風範圍 Wide *1</p>
	弄乾上方的衣物	<p>搖擺方向 Up</p> <p>送風範圍 Wide *1</p>
	弄乾上方和下方的衣物	<p>搖擺方向 Auto</p> <p>送風範圍 Wide *1</p>
	弄乾少量衣物	<p>搖擺方向 Auto *2</p> <p>送風範圍 Spot</p>
抽 濕	衣櫃和鞋櫃等	<p>搖擺方向 Auto *2</p> <p>送風範圍 Wide</p> <p>●皮鞋等的皮革製品不可使用抽濕機乾燥。 (可能會造成變形或變質)</p>
	天花和牆壁等	<p>搖擺方向 Up</p> <p>送風範圍 Wide</p>

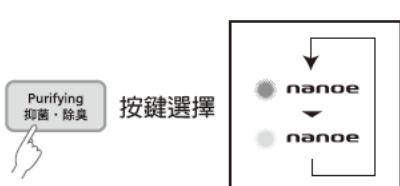
* 1：若有較難乾燥的物品夾在其他物品中間，使用「Wave」設定便能更有效地乾燥。

* 2：視乎衣物懸掛的高度和衣櫃的高度而定，在「Up」和「Down」運作模式之間切換。

nanoe™ 抑菌除臭

nanoe™ (乾衣 / 功能選擇 / 濕度設定)

■ 想作抑菌、除臭時運轉中



■ 在「乾衣」時

為保持衣物清新將進行抑菌、除臭，nanoe™ 將強制起動，LED指示燈亮起（無法以手動解除，此時若操作「Purifying」按鈕，將發出嗶一嗶一提示音）。

如果聲音設定OFF的場合，則沒有提示音。

■ 在「功能選擇」或「濕度設定」時

此時nanoe™ 可依個人需求選擇開、關操作。

關於nanoe™ (納米離子)

產生的環境條件

- nanoe™ (納米離子) 利用室內空氣生成，根據溫度和濕度的不同，有時可能無法穩定生成。

● 生成條件

室內溫度：約5°C~35°C (露點溫度：2°C以上)
相對濕度：約30%~約85%

發生少量臭氧

- 發生nanoe™ (納米離子) 的同時，也會產生微量臭氧。但其發生量遠遠不及自然森林存在的臭氧量，對人體沒有甚麼影響。

- 如果有感覺臭氧的味道時，請取消「抑菌・除臭」功能。

■ nanoe™ 「納米離子」

所謂nanoe™ (納米離子)，是通過施加高電壓來分離水分子而產生的帶電淨水粒子。

依靠nanoe™ (納米離子) 技術，能有效除菌※1、抑制過敏物質※2、殺滅真菌※3、去除附著性氣味※4 等，從而打造出美膚空間。

★ <浮動真菌> 在25m³密閉空間下測試4小時後得出的效果，並非實際使用空間效果。

★ <附著真菌> 在23m³密閉空間下測試8小時後得出的效果，並非實際使用空間效果。

除臭效果會根據周圍環境（溫度、濕度）、運行時間、臭氣、纖維的種類的不同而有所不同。

- 單體測試與實際使用效果會因房間狀況與使用方法的不同而有所不同。

- 本設備不屬於醫療器材。

※1 <浮動真菌>

- 實驗機構：(一財)日本食品分析中心
- 實驗方法：直接放置在25m³的實驗室內，以測定所收集的細菌數量
- 除菌方法：釋放納米離子
- 實驗對象：浮動真菌
- 實驗結果：經過4個小時之後，殺滅99%以上的浮動真菌。「北生發24_0301_1號」

〈附著真菌〉

- 實驗機構：(一財)日本食品分析中心
- 實驗方法：測定在23m³的實驗室內的布塊上所附著的細菌數
- 除菌的方法：釋放納米離子
- 實驗對象：標準布塊上附著的細菌
- 實驗結果：經過8個小時之後，殺滅99.9%以上的附著細菌。
「第13044083003-01號」

※2 ● 實驗機構：松下電工解析中心（株式會社）

- 實驗方法：直接放置在23m³的實驗室內，採用ELISA法進行測定

- 去除方法：釋放納米離子

- 實驗對象：花粉（杉樹）

- 實驗結果：經過8小時之後，抑制88%以上的過敏性物「BAA33-130402-F01」

※3 ● 實驗機構：財團法人日本食品分析中心

- 實驗方法：在23m³的實驗室內，測定真菌數量變化

- 除菌方法：釋放納米離子

- 實驗對象：浮游真菌

- 實驗結果：經過8小時之後，確認效果
「第13044083002-01號」

※4 ● 實驗機構：松下電工解析中心（株式會社）

- 實驗方法：在23m³的實驗室內，採用6個等級的臭氣強度表示法進行驗證

- 除臭方法：釋放納米離子

- 實驗對象：附著菸味

- 實驗結果：經過2小時之後，臭氣強度下降至1.2等級。「BAA33-130125-D01」。

註：nanoe™ (納米離子) 和nanoe™ (納米離子) 標記為松下電器產業株式會社商標。

時間掣/風向板脫落時的處理/水箱滿水的處理

想使用定時關機時

- 運轉中按壓 **Timer 時間掣** 按鈕，可依照所需的定時關機做設定。每按一次則出現「1-12小時」順序的顯示（連續按著時顯示會自動變換）



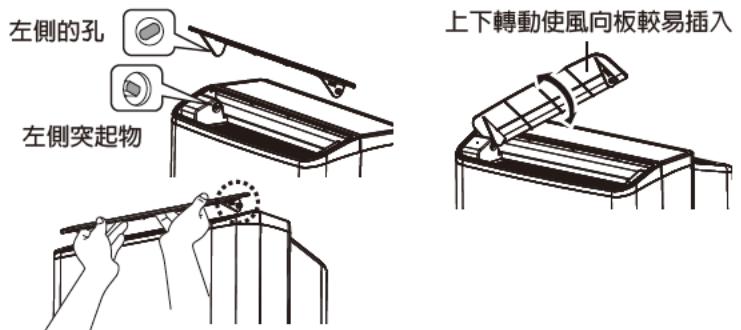
- 設定時間掣後，會計算顯示剩餘的時間，例如：設定9小時，當剩餘8小時時，會顯示8小時，其他以此類推。
- 已設定時間掣後，即使水箱滿水及運轉停止，仍繼續倒數時間。
- 如果使用乾衣模式時啟動時間掣，ECO 指示燈、自動停止指示燈及衣物濕度指示燈不會顯示。

風向板脫落時的處理

風向板脫落時

■ 風向板安裝的方法

- 1 左側的孔向本體左側突起物插入
- 2 風向板呈水平，中央部稍作撓曲
- 3 右側插入本體



水箱滿水的處理方法

- 當水箱的水位達到滿水線（約5.2公升）時自動停止運轉。滿水時LCD會顯示約10秒橘色光後熄滅，**Full** 滿水顯示部與滿水指示燈持續點滅（當設定滿水提示音為開時（P40），則在橘色光顯示同時，會有約6秒嗶…嗶…嗶…提示音）。

● 請依下列步驟排水

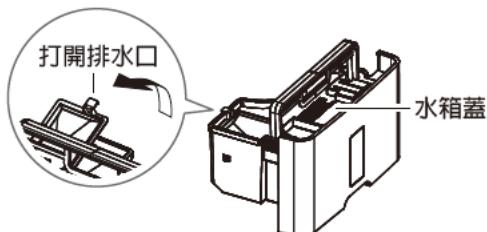
- 1 手輕扶機體再以單手將水箱慢慢取出
● 本體內部不要碰觸（故障的原因）



- 2 手持水箱把手正中央部位至排水處（移動時避免大力搖晃可能使水溢出，導致意外發生）



- 3 押住水箱蓋打開排水口



- 4 手持水箱把手正中央部位及托住底部排水



Full
閃爍時…



■ 水箱的安裝方法

排水口關閉，水箱放入至指定位置

- 水箱蓋和排水口必須確實關閉安裝。
(否則可能造成水箱無法完全裝入或產生漏水)
- 推入水箱時請推至底，安裝時如果水箱受到碰撞或沒有安裝牢固，有可能滿水指示燈閃爍無法運轉，請再次取出，重新安裝。

連續排水的使用方法

■ 若附近有排水處，可連接水管使用連續排水功能。
(若要安裝連續排水功能或想要恢復原來狀態時，請洽詢服務站或經銷商)。

! 注意

■ 排水管要安裝牢固



請注意避免排水管彎曲及落差等現象，確實做好排水工作。如排水不暢，可能導致漏水弄濕屋內財物。

■ 注意不要使排水管周邊溫度低於攝氏零度



可能使排水管內的水結冰，不能排水導致漏水弄濕屋內財物。

安裝排水管時

正確例



錯誤例



須購置的物品

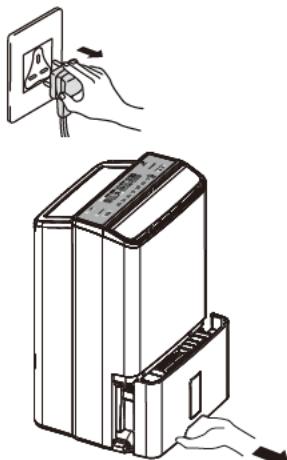
● 塑膠水管

長度：比抽濕機到排水位距離多出30厘米
內徑：15毫米

提 醒

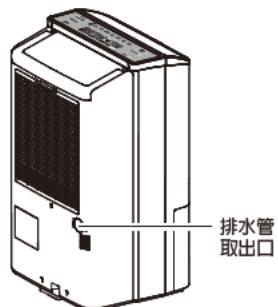
請注意當排水管內水溫和周圍溫度存在溫差時有可能在排水管表面結露，請根據具體情況採取保溫措施。

1 拔下電源插頭取出水箱



2 打開排水管取出口

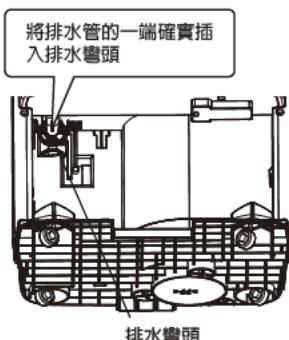
(只要將排水管取出口往外旋轉90度即可，請不要將它拆下)



3 取下止水器



4 裝上排水管



5 裝上水箱



● 安裝不正確會導致無法運轉。

註：還原正常排水模式時，不當安裝將造成水箱內積水溢出，請洽詢服務站或經銷商。

維護保養的方法



維護保養前務必
將水箱水排除！

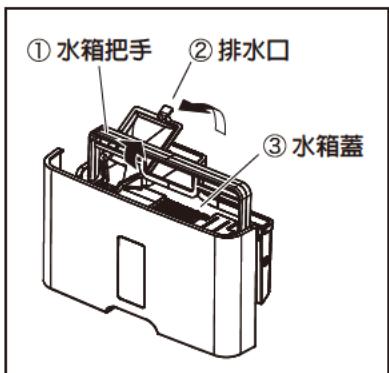
- 請務必拔下電源插頭，將水箱水排除。
(排水的方法P.36)



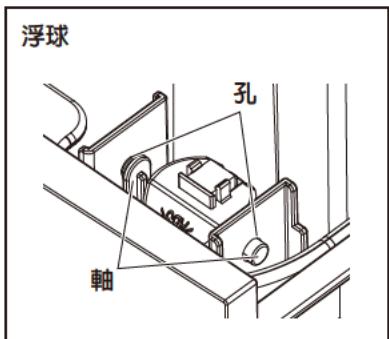
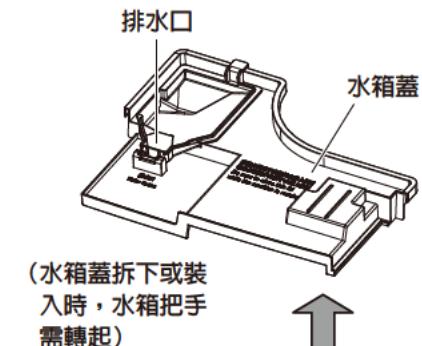
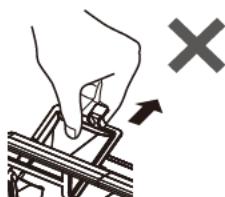
- 請勿使用左列洗劑。
(有可能造成塑膠部品變質、變色或破損)
- 化學抹布使用時，請務必詳讀注意說明後使用。

水箱（建議每月一次）

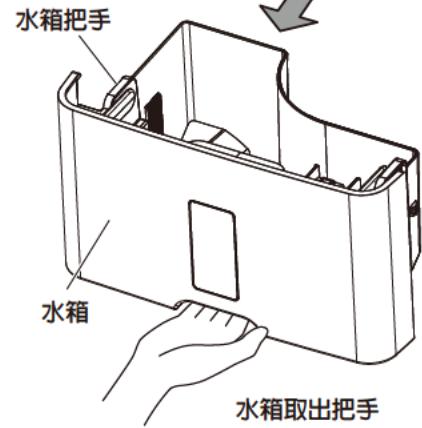
- 水箱、水箱蓋用水沖洗2~3次。
- 不用拆下浮球，用水即可清除污漬。



- 水箱蓋拆下方法
- ① 將水箱把手轉起
- ② 排水口打開
- ③ 水箱蓋向上拉
- 請勿強拉排水口



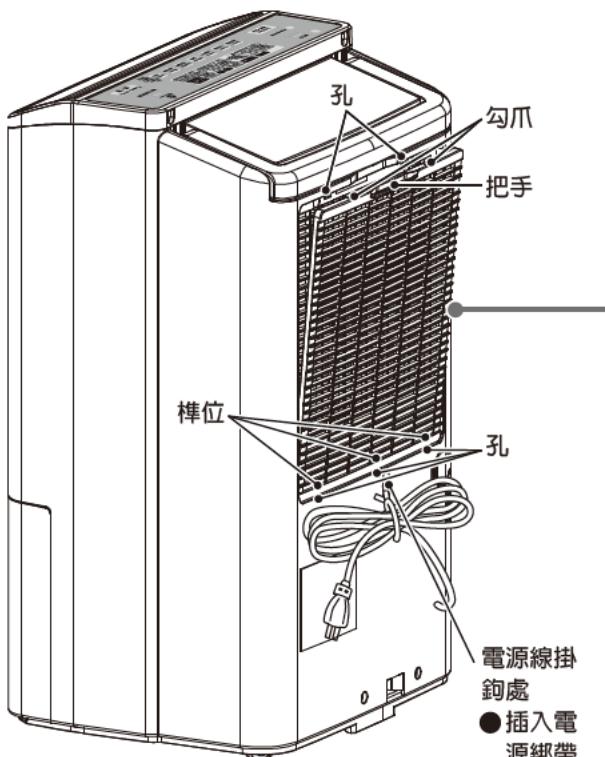
- 浮球
- 軸周邊的污漬，用水清除。（可防止浮球的誤動作）
- 不要拆下浮球
(沒有正確的安裝時，造成無法運轉、漏水的原因)
→如果浮球脫落時依左圖將兩軸放入孔內。



- 不易清除的污漬，請使用稀釋過的廚房中性洗劑。
- 依據房間的狀況，水箱內側有發黑情形。（因為空氣中的髒污溶入抽濕水所致）

■ 機身，使用擰乾的布擦拭，再用乾布擦拭。

- 請勿把機身橫放。（導致漏水的原因）
- 不易清除的污漬，請使用稀釋過的廚房中性洗劑。

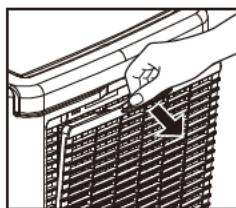


濾網（建議每兩週清潔一次）

用吸塵器吸去污垢

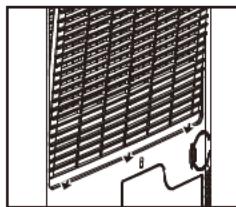


■ 拆下方法

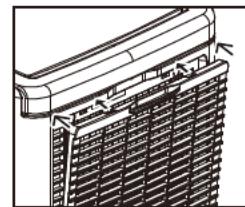


- 把手向前方向拉

■ 安裝方法



- ① 下側的樁位 (三處)
插入本體的孔

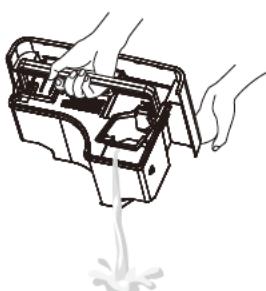


- ② 壓上側將勾爪 (兩處)
嵌入本體

- 如有破損請更換。
- 定期的維護保養。

(如髒污、濾網堵塞時，抽濕能力會下降，增加電費，故障的原因)

長時間不使用時



- ① 請選擇功能 “Fan” 並設定約4小時後定時關機。
- ② 拔下電源插頭，放置1天後倒去水箱積水 (P.36)
- ③ 清潔機身，水箱及濾網。
- ④ 用塑膠袋把機身蓋好。
- ⑤ 把抽濕機放置於濕氣少、通風及地面平坦的地方，存放保管。
(如傾斜擺放，可能導致故障及漏水)

關於乾衣模式

關於ECO

選擇「Normal」+「風量（「Auto」或「Hi」或「Mid」或「Lo」）」才會動作，動作時ECO指示燈、自動停止指示燈、衣物濕度指示燈同時顯示、乾衣行程結束後亦同時熄滅（P.32）。
感知溫度、濕度的變化，按照衣物的量、預測乾燥的狀態來作運轉或自動停止。

- 自動停止前的運轉時間參考（單位：小時）

型號	GCM33H		
衣物的量	「乾衣」運轉時間（小時）		
	Auto / Mid	Hi	Lo
約2kg～約4kg	3.7～5.2	3.4～5.0	4.2～6.1
約4kg～約6kg	5.4～7.4	5.2～7.2	6.1～8.0

試驗條件：溫度約20°C

濕度約80%

房間的大小約20平方米。

（本公司試驗結果）

● 實使用的運轉時間及消耗電功率，根據使用的環境、衣物的種類、數量、懸掛的方式及房間的大小會有實際的乾燥狀態差異的可能。

● 建議若使用抽濕機來衣物乾燥時，其空間越小越好，且密閉性越佳越好，會減少不必要的能源浪費。

最長約10小時後停止運轉。

過濾網的效用

過濾網含有Super alleru-buster和抗菌劑，能幫助抑制致敏原、細菌和霉菌的活動。

Super alleru-buster

抑制過濾網捕集到的致敏原（如花粉及塵蟎）的活動。

測試機構：大阪市立工業研究所

測試方法：利用酵素免疫測量方法，測試精製致敏原物質的減少程度。

測試結果：確認能抑制致敏原的活動。

抗菌

能抑制過濾網捕集到的細菌 *3 和霉菌 *4。

*3 測試機構：（財）日本食品分析中心 測試方法：使用標準瓊脂培養基，採用瓊脂平板培養法進行確認。

測試結果：能抑制 99 %以上的細菌。

*4 測試機構：（財）日本食品分析中心 測試方法：根據抗霉菌測試法（量圈測試法）

測試結果：確認在量圈測試法下能有效抗霉菌。

● 過濾網帶有「家庭健綠茶素」的特有氣味。這是正常的，並且對人體無害。

● 原裝過濾網為淺褐色。過濾網經使用後可能會有一些褐色斑點。這是正常的，並且不會影響過濾網的效能。

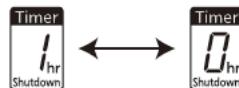
聲音設定

- 聲音只有在待機中接受改變。
- 出廠預設值為：按鍵聲音ON，滿水聲音OFF狀況。
- 有記憶功能。
- 按鍵音設定：

待機中



同時按下此兩個按鈕約3秒鐘。



聲音機能ON 聲音機能OFF

時間掣顯示會在1和0之間約2秒鐘切換，當您想設定的功能閃爍時，請將手移開按鈕設定即完成。

- 滿水音設定：

待機中



同時按下此兩個按鈕約3秒鐘。

時間掣顯示會在1和0之間約2秒鐘切換，當您想設定的功能閃爍時，請將手移開按鈕設定即完成。

按鈕鎖設定

● 按鈕鎖啓動

當待機中或運轉中壓住  按鈕持續約3秒時按鈕鎖啓動，LCD  亮起，此時操作其它按鈕皆無效（鎖定時，按壓任一鈕，背光將會亮起）。

● 按鈕鎖解除

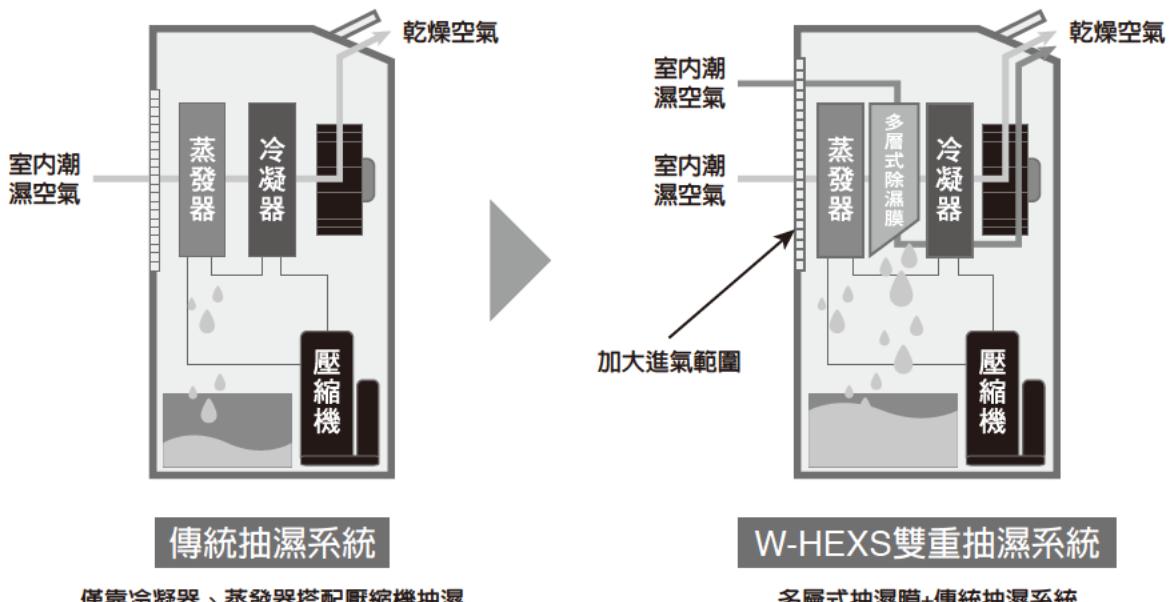
當待機中或運轉中壓住  按鈕持續約3秒時按鈕鎖解除，LCD  熄滅，此時可操作任何按鈕。

★當斷電時按鈕鎖會自動解除，若需啓動按鈕鎖時，必須重新設定。

★當水箱為滿水狀況時，需先排除滿水（倒掉）後，按鈕鎖才會接受解鎖操作。

W-HEXS更節能的雙重抽濕系統

一般傳統抽濕系統，僅有一個氣流抽濕方向，但雙重抽濕系統新增多層式抽濕膜，擴大氣流進氣方向及抽濕，以更低的電量達到相同的抽濕效果。



僅靠冷凝器、蒸發器搭配壓縮機抽濕

W-HEXS雙重抽濕系統

多層式抽濕膜+傳統抽濕系統

故障

首先，請作以下的確認。

如經以下處理方法，異常仍無法解決時，請拔下電源插頭洽詢服務站或經銷商。

問題點	請確認內容
① 按鍵無法操作	● 滿水指示燈閃爍 (P.36)，檢查指示燈閃爍？ (P.29)，按鍵鎖設定 (P.41)
② 未滿水但滿水指示燈在閃爍	● 水箱或浮球正確的安裝嗎？ (P.36, P.38) ● 水箱安裝時是否曾遭撞擊？ (P.36) →拿出水箱然後重新安裝。
③ 漏水	● 機身是否有傾斜或傾倒？ ● 移動機身時水箱是否有水？ (P.26) ● 浮球是否脫落？ (P.38)
④ 水箱儲水不易 (抽濕量少)	● 濾網是否堵塞？ (P.39) 出風口或入風口是否有堵塞？ (P.26) ● 室內的溫度或濕度是否太低？ (溫度或濕度變低時，抽濕量也會變少) ● 是否使用功能選擇中的自動抽濕模式？ (P.30) ● 溫度約7°C~40°C以外的場合，抽濕運轉停止，變成送風運轉。 (P.29)
⑤ 水箱沒有存積水	● 是否設定送風模式功能？ →送風模式不會存積水。
⑥ 乾衣時間長	● 濕冷的空氣是否進入室內？ →儘可能在房間關閉狀態下使用。
⑦ 乾衣不佳	● 是否脫水不完全下乾燥？ ● 濕冷的空氣是否進入室內？ →儘可能在房間關閉狀態下使用。 ● 是否在電暖器附近使用？ (內部感知器的周邊溫度上升，乾燥時間無法作適切的判斷。) ● 風是否吹向衣物全體？ ● 衣服是否重疊、間隔不足下乾衣？
⑧ 濕度無法降低	● 濕冷的空氣是否進入室內？ →儘可能在房間關閉狀態下使用。 ● 室內是否有其他釋放水蒸氣的設備？
⑨ 持續抽濕但一直結露	● 外氣面向的窗戶或家俱的內側等通風性差的場所，抽濕效果無法充分發揮。
⑩ 檢查指示燈閃爍，並出現故障代碼「11」	● 機身是否傾斜？ → 1.拔下電源插頭，將機身扶起（擦拭溢出的水） 2.機身放置半天以上不要使用。（內部有水侵入時，為了讓它完全乾燥） 3.再次插入電源插頭，運轉抽濕。 ● 機身是否有傾斜角度過大？ →拔下電源插頭，重新插入。 ● 機身的上方，是否有磁鐵或金屬放置？ (P.29)
⑪ 誤動作	● 操作面板上是否有異物、水滴或灰塵？ (P.29)
⑫ 產生吱-吱音或嘶-嘶音 或流水聲	● 此為抽濕機內部冷媒之流動音，或為nanoe納米離子產生時的聲音，並非故障。

如為以下的情形，請務必拔下電源插頭，洽詢服務站或經銷商。

問題點	請確認內容
⑬ 「檢查」指示燈保持顯示（不閃爍）時，並出現故障代碼 (P.29檢查)	● 機身故障，請記下故障代碼，並洽詢服務站或經銷商。

緊急處理方法

出現下述症狀時立即停止運轉，拔下電源插頭並洽詢經銷商或服務站。

- 開關操作不確實。
- 漏電開關或保險絲時常熔斷。
- 電源線及電源插頭異常發熱。
- 運行時聞到燒焦氣味或發出異常聲音。
- 從主機有水漏出。
- 其它異常故障。

敬請遵守

如果電源軟線損壞，為了避免危險，必須由該機器的廠商，維修服務中心或合資格技術人員更換。

規格

型號		GCM33H	
電源		220 V~ 50 Hz	
電源插頭形		<input checked="" type="checkbox"/>	
操作環境	溫 度	26.7 °C	30 °C
	相對濕度	60 %	80 %
抽濕能力 (升/日)		18	33
消耗電能 (瓦)		268	320
水箱容量 (公升)		約5.2公升時自動停止運轉抽濕	
重量 (公斤)		18	
外形尺寸 (寬X高X深) (毫米)		370X614X298	

● 抽濕機停止運轉時耗電量約為0.8W。 (電源插頭插入時)

顧客購買記錄

此機產品型號及批號標示請見機身後方
請把相關資料填入下表，並保留以作將來參考用。

型號	批號 / SERIAL No.
購買日期	經銷商名稱批號
經銷商地址	
電話號碼	

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