



Operating Instructions Dehumidifier

Model No. **GCR14H**

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 KDK 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 .

Safety 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.


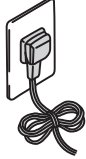
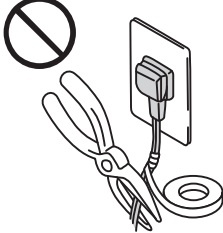
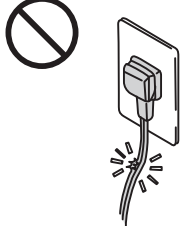




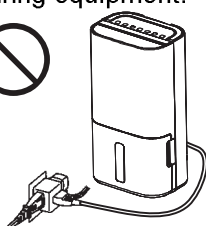

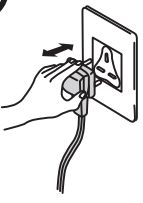

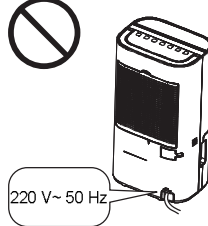
■ Ignoring the symbols incorrect operation, can result in harm or level of damage, described in the following two categories.

	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.

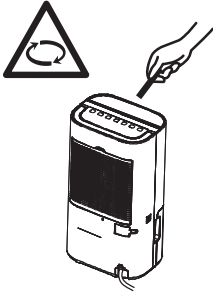
	This symbol indicates an action that "requires caution".
	This symbol indicates a "never do this" action.
	This symbol indicates an "always do this" action.

 **WARNING**

<p>■ Do not do anything that may damage the power cord or power plug.</p>   <p>Do not damage, modify, bend strongly, pull, place heavy objects on top or binding with nylon yarn or wire on power plug. If using damaged power cord, may result in electric shock, short circuit, causing fire.</p> <p>● 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.</p>	<p>■ Avoid the power cord if it is damaged or modified</p>  <p>Damage from heavy objects placed on top, heating, or pulling could cause fire or electric shock.</p>	<p>■ Do not use a damaged power cord</p>  <p>Using damaged power cord, electric shocks or fire may occur. Please consult with the dealership or service station.</p>	<p>■ Insert the power plug completely</p>  <p>If the power plug is not inserted securely, fire due to overheating may occur.</p> <p>● Do not use damaged power plugs or loose wall sockets.</p>
<p>■ Do not unplug the power plug with wet hands.</p>   <p>Electric shocks may occur.</p>	<p>■ Do not use overloaded the rated current of the power outlet and wiring equipment.</p>   <p>Use too many branch lines will exceed the rated current, it may cause a fire by overheating.</p>	<p>■ Do not start or stop the unit by plugging or unplugging the power plug.</p>   <p>It may cause fire or electric shocks by overheating.</p>	<p>■ Do not use the voltage other than as specified for unit.</p>   <p>It may cause fire or electric shocks by overheating.</p>

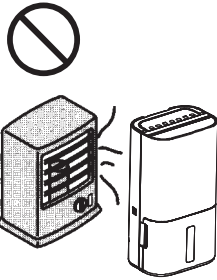
⚠ WARNING

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



The rotating fan inside the unit could cause injury.

- Do not place the unit near a heater.



Plastic parts may melt and cause fire.

- Never try to repair the unit by yourself.



Fire or electric shock may occur.

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

- Switch off and then unplug 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 unplug roughly.



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

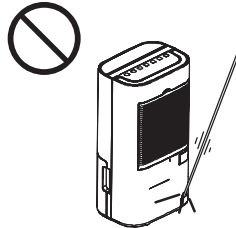
- Periodically clean the dust and dirt on the power plug.



If dust accumulates on the power plug, humidity may cause damage to insulation and may result in fire.

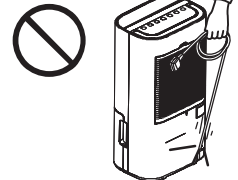
- Unplug the power plug and wipe it with dry cloth. If not using the unit, unplug the power plug.

- Do not stretch the power cord.



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

- 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

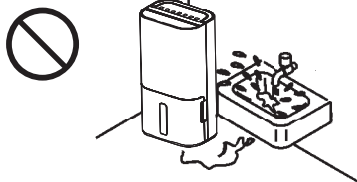
- Monitor indoor temperature during prolonged operation.



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

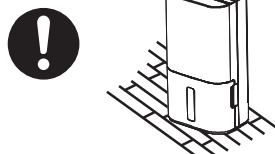
- Pay particular attention if infants or the elderly are present.

- 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.



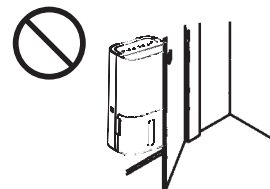
If the unit tilts, water will overflow, and wet the property potentially causing fire or electric shock.

- Do not use unit near flammable gas.



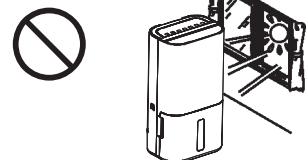
If flammable gases permeate the surrounding space, it may cause fire.

- 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.

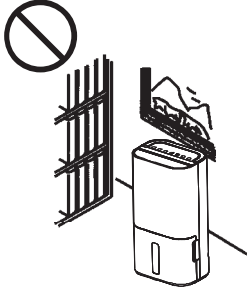


Resulting heat may cause fire or electric shock.

Safety precautions

⚠ CAUTION

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



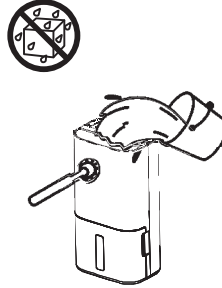
Deterioration of stored articles may occur.

- Do not place 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 wash the Dehumidifier directly with water.



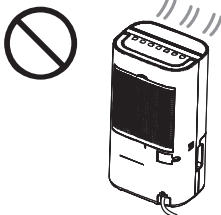
Water leakage may cause electric shock.

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



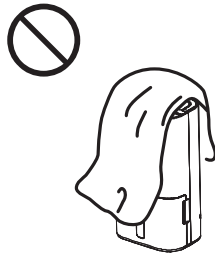
Fire, Electric shock, damage to household items caused by water leakage may occur.

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



Incomplete combustion may cause carbon monoxide poisoning.

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



Air circulation will decrease and overheating or fire may occur.

- Do not sit or climb on the unit.



You may fall over, and injury may occur.

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



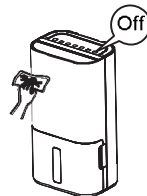
The unit may fall down and injury may occur.

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



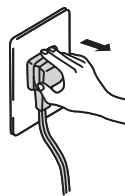
Leaked water may damage the household items and property damage even cause accident. (People may injured and caused fire or electric shock.)

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



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

- If unit will remain unused for a long period, unplug the power plug, for safety.



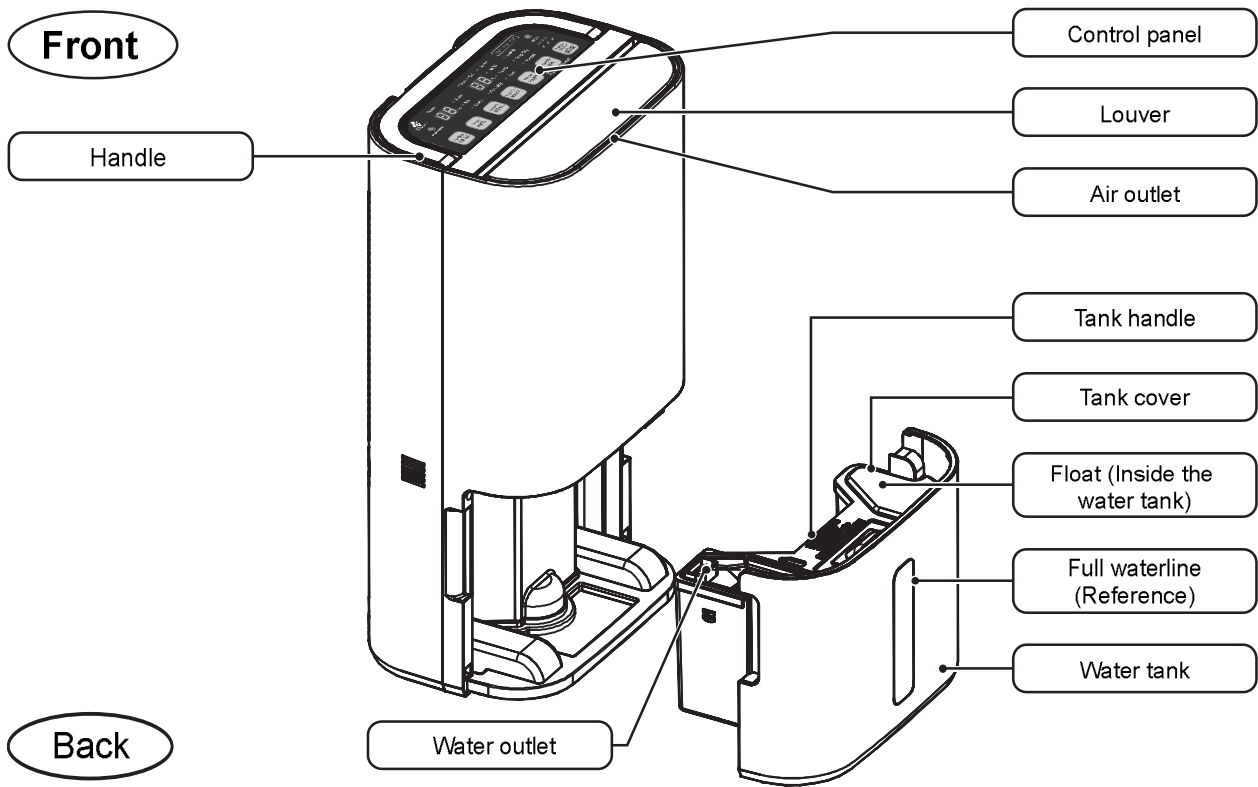
Accumulation of dust and foreign objects may lead to heat and fire may occur.

- 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



Back

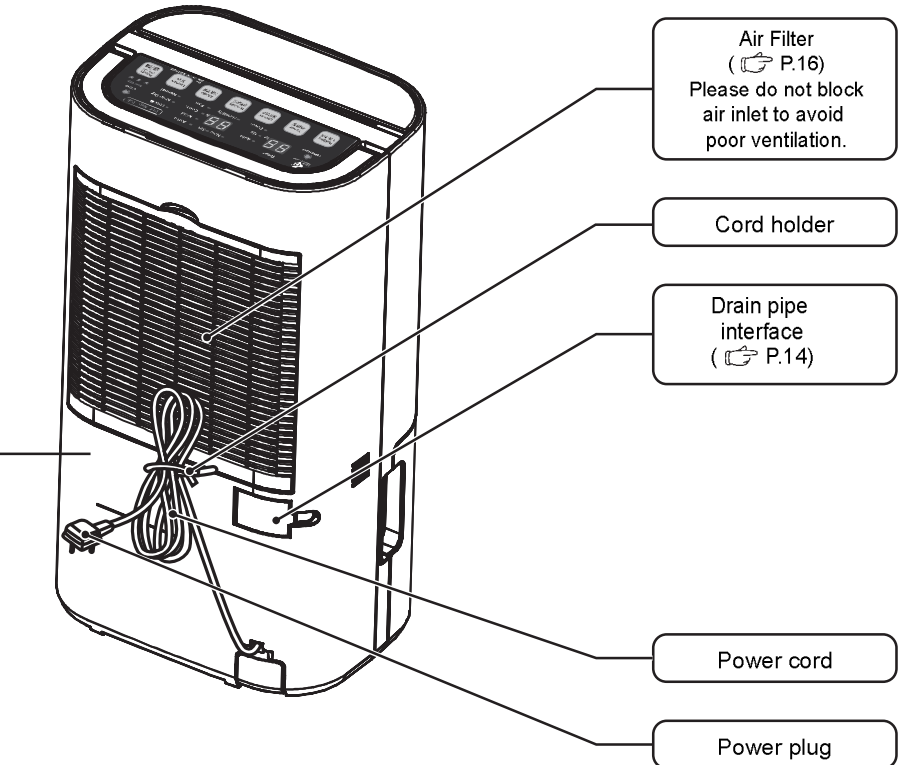
Note
Caster (On the bottom of unit/4 pieces)

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.)

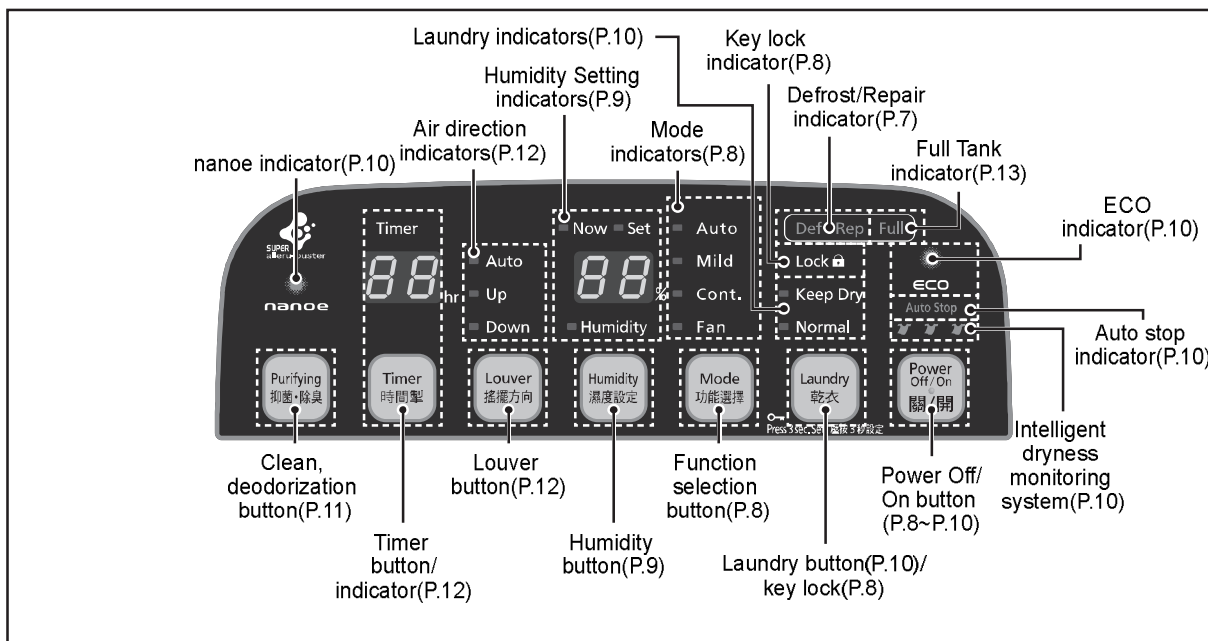
Where to use

- 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



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 %

Repair

* When the [Rep] 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.

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

Case Rep 01, 02, 13
+
02 %
There are 13 error codes.

- Please unplug the power plug immediately, and consult service station to repair the unit.

Full

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


Defrost

* When the [Def] 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 button when in this mode to cancel this function.
 - * This function may not get enabled due to compressor operation time.



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.
- When pressing one or more button for 17 seconds, the safety protection will started up and power off.
Click , then restart.

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

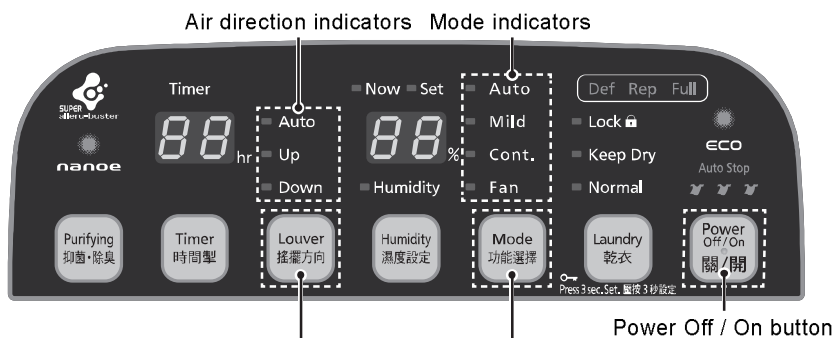
Memory function

- 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



- 1 Insert the power plug
Turn on the unit



- 2 Press to select



- 3 Select the Air direction



To stop operation



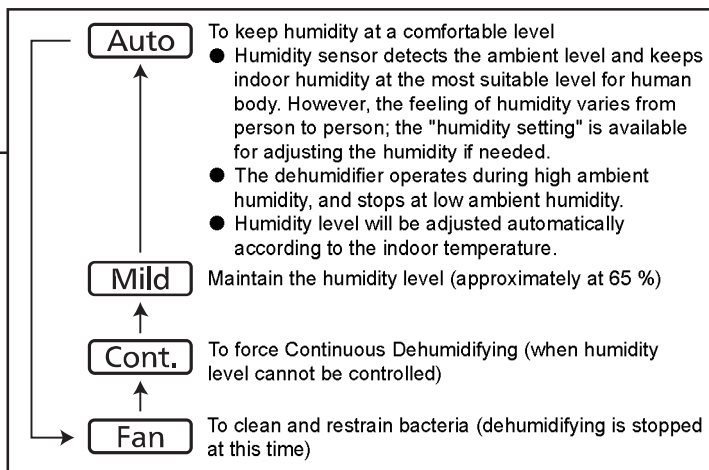
- The product may run 3 minutes in fan mode after operation stopped to dry its internal side. (Power off mildew prevention P.7)
- Please unplug the power plug at least 3 minutes after stopping the operation.

To use timed power off during operation (P.12)



When the Full Tank indicator is flashing (P.13)

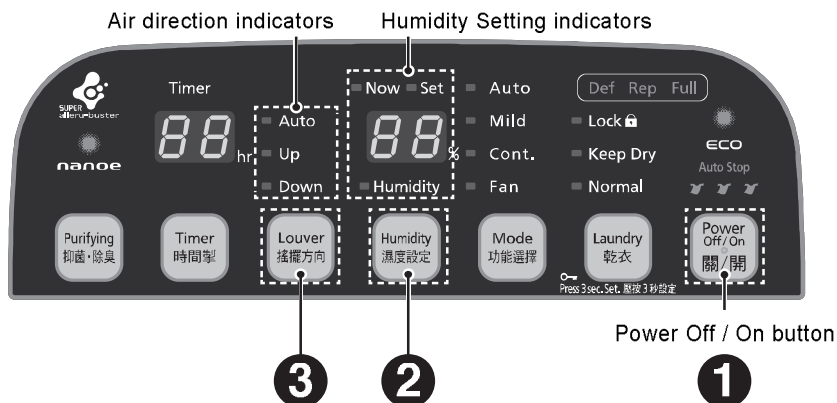
- Operation will stop→Please empty the tank.



Key lock setting

- Key lock on
During standby or operation, please press button for 3 seconds to activate the Key lock. When the Key lock indicator 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 lock indicator 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 cancelled by pressing the button if the tank is not emptied.

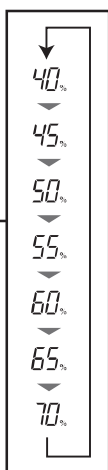
To set humidity



1 Insert the power plug
Turn on the unit



2 Press to select



Want to set your desired humidity.

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

3 Select the Air direction → P.12



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.

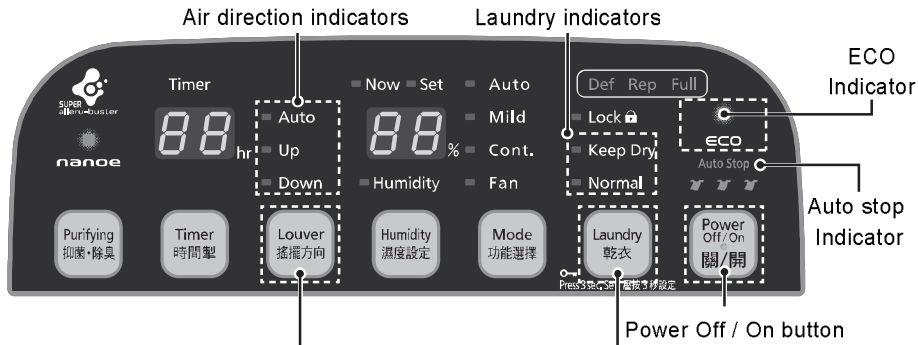
To use timed power off during operation (P.12)



When the full tank indicator is flashing (P.13)

- Operation will stop→Please empty the tank.

Laundry mode



- 1 Insert the power plug
Turn on the unit



- 2 Press to select



- 3 Select the Air direction



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 during operation (P. 12)



When the Full Tank indicator is flashing (P.13)

- Operation will stop→Please empty the tank.

ECO

- During operation, the ECO Indicator, Auto stop Indicator, Intelligent dryness monitoring system 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 mode" (P.17)

Normal

- After completion of laundry drying, [Keep Dry] + [Normal] indicators OFF, Humidity Indicator will come on, and continues automatic operation.

Normal + Keep Dry

- The ECO Indicator and Auto stop Indicator lights off and Intelligent dryness monitoring system lights up in this mode.

Intelligent dryness monitoring system (🌀 🌀 🌀)

- This function is valid for laundry.
- It tells laundry status of clothes.

🌀 🌀 🌀 Laundry starts

↓

🌀 🌀 Approximately 1/3 dryness

↓

🌀 Approximately 2/3 dryness

↓

🌀 🌀 🌀 Laundry completed (※Keep Dry 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 Dry] Function may be chosen as an option.

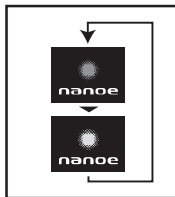
nanoe® indicator

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

nanoe[®] bacteriostasis and deodorization

nanoe[®] (Laundry/Mode/Humidity)

- To clean and deodorize during operation



- During "Laundry"

To refresh clothes, 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.

- 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: Foundation Kitasato Environmental Science Center
- 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 method: Count bacteria adhere to standard clothes in 23 cubic meter room
- Sterilization method: Releasing nano water ion
- Subjects: Bacteria adhere to standard clothes
- Results: More than 99.9 % bacteria adhere to standard clothes killed after 8 hours "No. 13044083003-01"

- ※2 ● Experiment institution: Panasonic Corporation Analysis Center

- 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 quantity of fungi in sample in test room of 23 cubic meter
- Sterilization method: Releasing nano water ion
- Subjects: Adhering fungi
- Results: Positive effects in 8 hours "No. 13044083002-01"

※4 ● Experimental organization: Panasonic Corporation Analysis Center

- 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: nanoe[®] and the nanoe[®] mark are trademarks of Panasonic Corporation

Air direction selection / Timer

Operations of the air direction selection (Laundry/Mode/Humidity)

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

■ To swing louver

Running →  (Press to select)

Down → Up → Auto → stop swinging



■ To fix the louver

Select Auto to enable louver swing.

When it reaches the desired location, press the  button again.

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




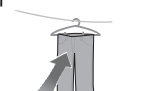
Note



- Do not move the louver while swinging operation is in progress. (The swing range will change.)
- In this case, reset the air direction in accordance with the operations of the air direction selection or restart the unit. The angle will become normal.

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.

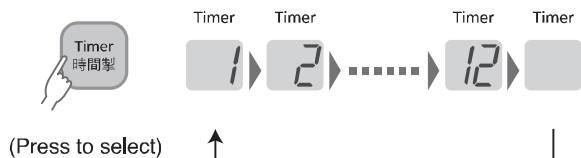
Laundry	Dry clothes at lower part	Down	
	Dry clothes at upper part	Up	
	Dry clothes at both upper and lower part	Auto	
	Dry clothes of small quantity	Auto * 1	

Dehumidification	Wardrobe and shoe cabin, etc.	Auto * 1	
	Ceilings and walls, etc.	Up	

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

- Based on type of laundry, quantity, and method of hanging, and room condition, etc, there may be variation of dry conditions.
- Leather items such as shoes cannot be dried with a dehumidifier. (They will become warped or damaged.)

To use timed power off during operation

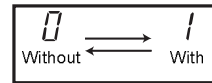


- The timer displays the remaining time once it is set. For example, if the timer is set to "9 hours" and with 8 hours to go, it displays "8 hours".
- The time will keep counting down once the timed power off is set, even if the unit stops due to the full water tank.
- If you set the timed power off in the laundry mode, the ECO indicator, Auto stop Indicator and Intelligent dryness monitoring system will not display.

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

Sound settings

- When in standby mode, press  +  for 3 seconds to select full tank alarm off or on.
- The alarm will return to original when power off. If needed, please set again.

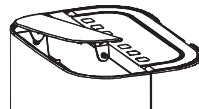
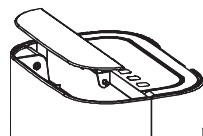


Handling of louver falling off

Louver fall off

- Installation of louver

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



Turn the louver upward and downward for easy inserting



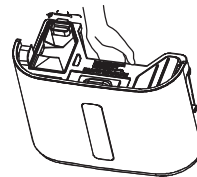
Handling of full water tank

- The product stops operation automatically when water in tanks reaches the full level (about 3.5 liter). The water 「 Full 」 indicator display and indicator keeps on flashing. (The indicator light will on and 10 seconds beep when alarm is on).
- Please empty water tank as described below

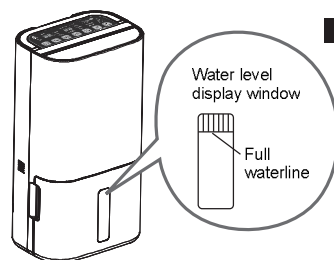
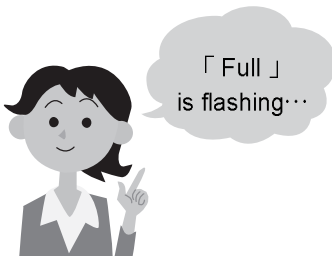
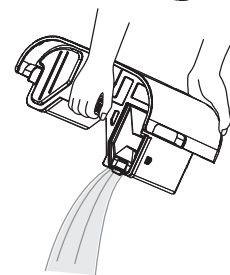
- 1 Hold the machine body steady with two hands and gently remove water tank out
 - Without hitting each other (cause to failure)



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



- 3 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 Full Tank 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.

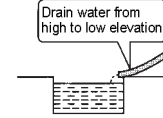
■ Keep temperature around the drainage hoses above zero Celsius.



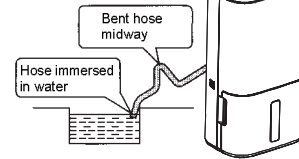
Or water in drainage hose may get frozen. This may block the hose from drainage and lead to water leak and wet floor.

Drainage hose installation

Valid installation



Invalid installation



Required accessories

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

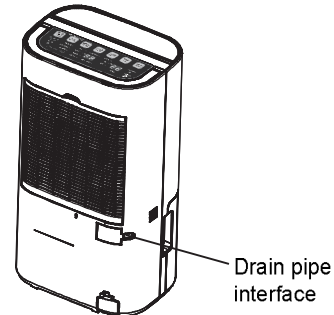
Note

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.

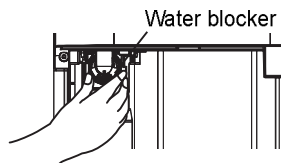
1 Remove power plug and water tank



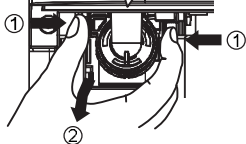
2 Open up drainage hose holder (turn it 90 degree outward instead of removing it)



3 Remove water blocker

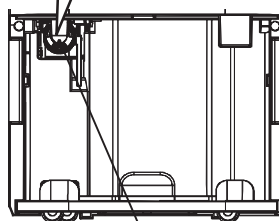


Hold ① in arrow indicated direction, then remove ② along the same direction



4 Install drainage hose

Insert one end of drainage hose in drainage elbow.



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!

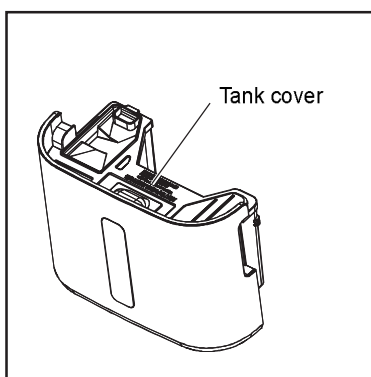
- Please disconnect the power plug and empty the tank. (see P.13 for how to empty the tank)



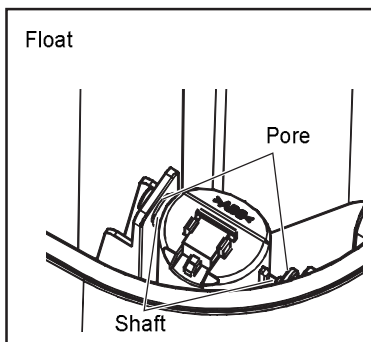
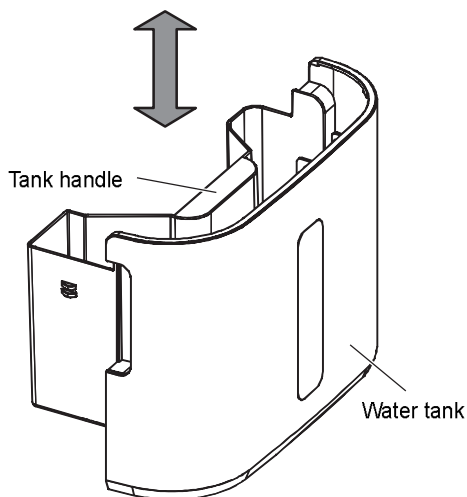
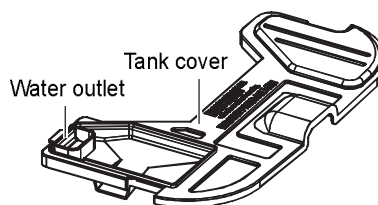
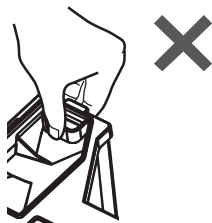
- Cleaning agents such as those shown at left should not be used.
- If using a chemically-treated cloth, be sure to read the instructions of the cloth.

Water tank: once per month

- Wash the 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
Pull water tank cover upward
- Do not strongly pull on the water outlet.



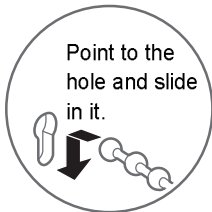
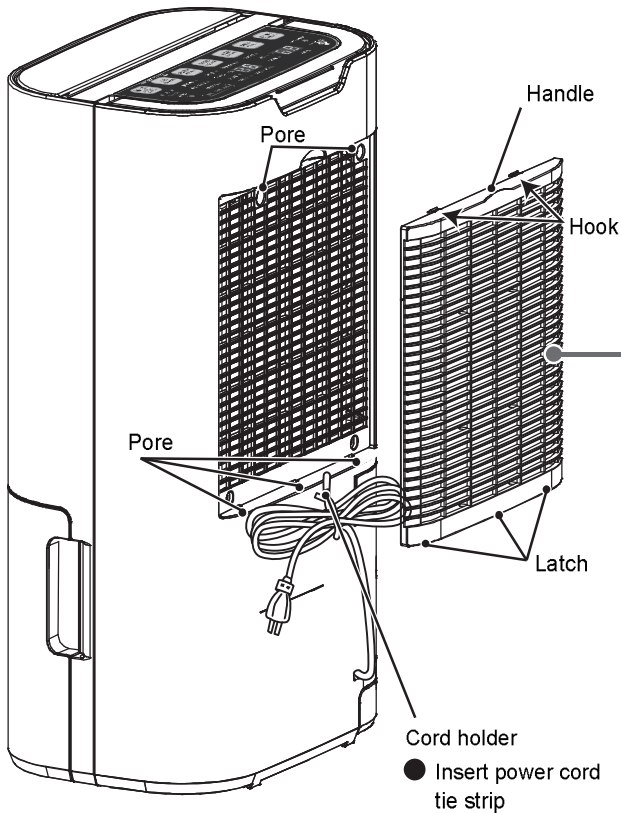
- Float
- Clean dirt around shaft with water (to prevent float from malfunctions)
- Do not remove float (invalid installation of it may lead to operation failure and water leak)
→ Insert both axis in hole as illustrated in figure to the left when float falls off.

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

Maintenance

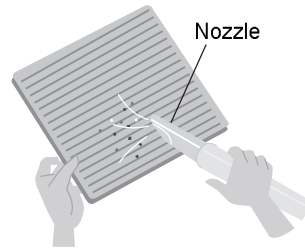
■ Wipe machine body with a wrung cloth and wipe with a dry cloth again.

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

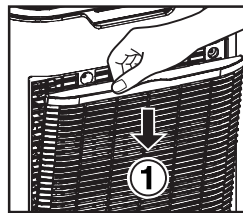


Filter (clean it biweekly)

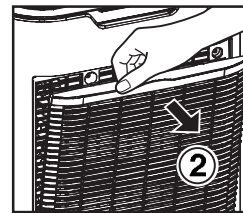
Remove dirt with vacuum cleaner.



How to remove it

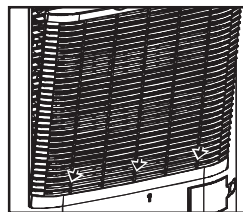


- Push the handle downward

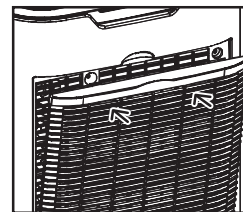


- Pull the handle forward

How to install



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

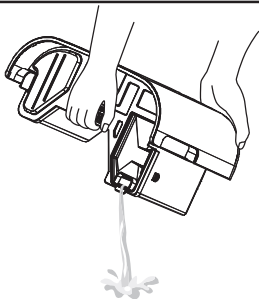


- ② Press two hooks at upper part into body

- Replace in case of any damage.

- Regular maintenance (Dehumidifying 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.13).
- 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 / Effectiveness of Filter

About Laundry mode

About ECO

Select Normal to start the drying operation. The ECO indicator, auto stop indicator, and Intelligent dryness monitoring system 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 (Unit: Hour).

Model No.	GCR14H
Volume of cloths	Laundry operation hours
1 kg - 3 kg roughly	4.5~6.5
3 kg - 5 kg roughly	6.5~9.0

Test conditions: temperature at 20 °C;
humidity at 80 %, room size at 10
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.

- Operation stops after about 10 hours.

Effectiveness of Filter

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

Super alleru-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.

Troubleshooting

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.13), or is The [Rep] indicator flashing? (P.7), Key lock Set? (P.8)
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.13, P.15) ● Was the tank banged against the unit during insertion? (P.13) → 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.15)
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.16), 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? (P.8) → 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 laundry. ● Is there other steam release equipment exists indoor?
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 [Rep] 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.
⑪ 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
⑫ The [Rep] indicator lights (without flashing) and prompts error code (P.7 Repair)	<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.		GCR14H	
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)		8.3	14
Power consumption (W)		160	182
Water tank capacity (L)		The unit automatically stops at around 3.5 litres	
Weight (kg)		13.5	
Dimensions (W X H X D) (mm)		315 X 580 X 225	

● Power consumption by dehumidifier at standby mode: 0.8 W. (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