

Trouble shooting



Operating Instructions

Dehumidifier

Model No. GCK27H

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 @ product.

- Please read these operating instructions carefully, in order to use the product correctly and in a safe manner.
- Also, be sure to read the "Safety precautions" section (pages2~4), 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. Keep the warranty documentation in a
 safe place along with the operating instructions for future reference.

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.



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





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

- shock, shock —
 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 pull out 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 local dealership.

Do not start or stop the unit by inserting or pulling out 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.



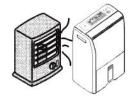
Do not insert fingers or other objects into the air inlet.



The rotating fan inside the unit could cause injury.

Do not place the unit near a heater.





Plastic parts may melt and cause fire.

0



Never try to repair the

unit by yourself.

Fire or electric shock may occur.

 Consult dealer or service station to repair the unit. Switch off and then pull out the power plug when error occurs (smoke etc.)



It may cause fire or electric shock by overheating.

 Consult dealer or service station.

Do not unplug roughly.

Periodically clean the dust and dirt on the power plug. Do not stretch the power cord . 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.



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





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

 Disconnect the power plug and wipe it with dry cloth.
 If not using the unit, disconnect the power plug.



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



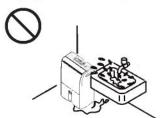
Please monitor indoor temperature during prolonged operation.





During operation, heat from unit can cause indoor temperature to rise, upsetting homeostasis, potentially making people feel unwell.

- Pay particular attention if infants or the elderly are present.
- Do not use in places where water may splash 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

This unit is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experiences and knowledge, unless they have been given supervision or instruction concerning use of the unit by a person responsible for the safety.

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



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 unit directly with water.





Water leakage may cause electric shock.

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 hold the unit by the louver when moving or lifting it.



The unit may fall down and injury may occur.

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



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, disconnect the power plug, for safety.





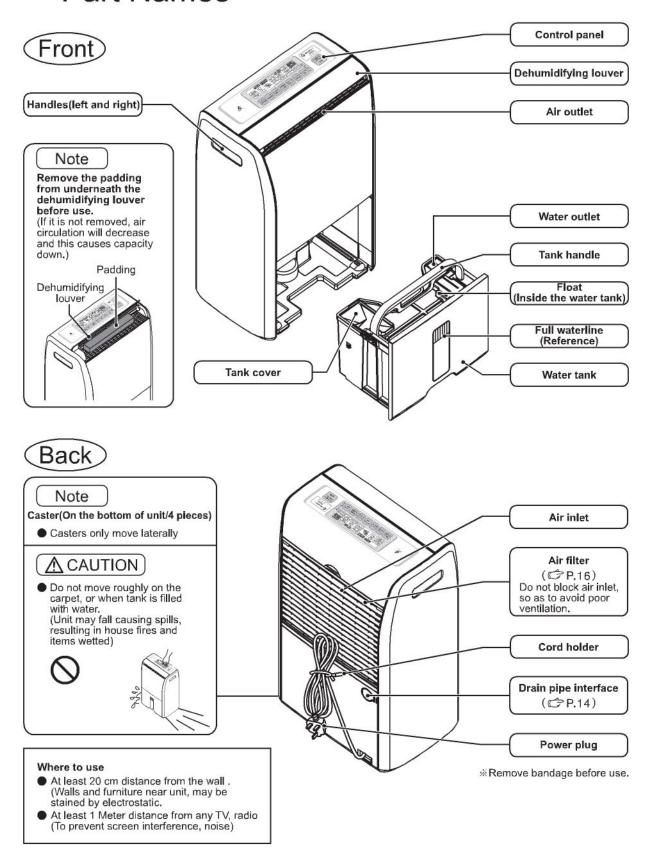
Accumulation of dust and foreign objects may lead to heat and fire may occur. After prolonged use, perform periodic inspection.



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

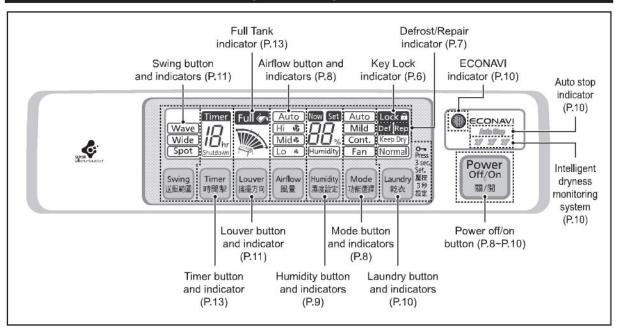
Fire, Electric shock,

Part Names

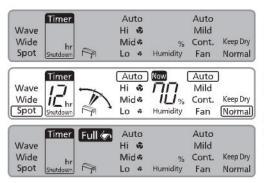


Part Names

Operation panel



LCD indicator



Unpowered

Press any button when the power is on, selected function will be displayed.

The LED backlight lights up, and the backlight will automatically go off after 10 seconds.

When water tank is full, LED backlight will be in orange and the backlight will go off after around 10 seconds.

The full tank indicator keeps flashing.

Key Lock setting

Key Lock on

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

When the LCD Lock 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 Laundry button for 3 seconds to unlock.

When the LCD Lock goes off. All functions are not 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.

Note

Display of humidity

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

Check

[Rep] When Repair indicator is flashing, please check the following:

- When unit is tipped over.
- Disconnect 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)
- Insert the power plug again and restart the unit.
- Does the unit tilt?
 - →Disconnect the power plug and then reconnect it.

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



There are six fault codes

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

Full

placed in the correct position, all operations will stop automatically if the tank is not emptied or placed back. When the tank is full of water, LED backlight will be in red for around 10 seconds and thens goes off.

Defrost

[Def] When Defrost indicator is flashing, the unit is defrosting.

→Only the Power off/ on button works. Other buttons will be disabled.

Protection

- To prevent you from forgetting to swtich 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.
- Please press one or multiple buttons simultaneously for 8 seconds to activate protection. In some cases, the Fan continues to run for about 3 minutes after the above operation when the unit turns off automatically. The unit can be turned on and the functions can be recovered when pressing the "Power on/off" buttom.

comfort

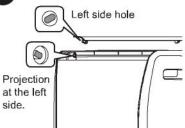
The dehumidifier is used for daily life, such as the removal of unplesant humidity and laundry drying. However, if ambient humidity is under 50 %, unit cannot help maintain a comfortable humidity environment.

Note

If louver has been removed

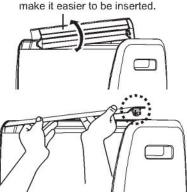
Installing the louver

Insert the left side hole into the projection at the left side in the main unit.



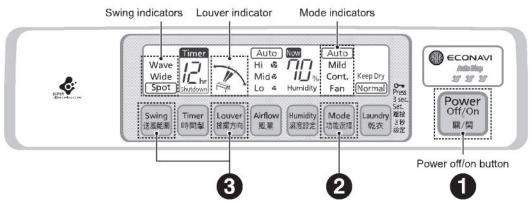
Set the louver so that it is horizontal, then bend it out slightly at the middle.

Insert the right side into the unit.



Turn louver up and down to

Operation mode / Airflow



Insert the power plug
Turn on the unit



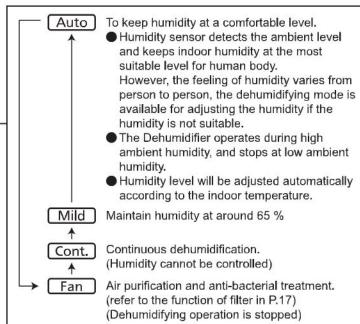
- Press to select

 加能選擇

■ To stop operation

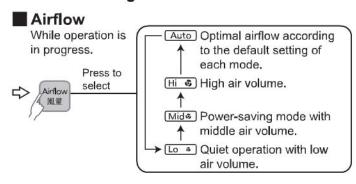


- To dry internal part of the unit,
 Fan continues to run for around 3 minutes after the operation.
- Please disconnect the power plug at least 3 minutes after stopping the operation.
- When Full Tank indicator is flashing (P.13)
 - Operation will stop automatically →Please empty the tank.
- If the room temperature is higher than 32 °C, the airflow cannot be changed for self-protection of unit.

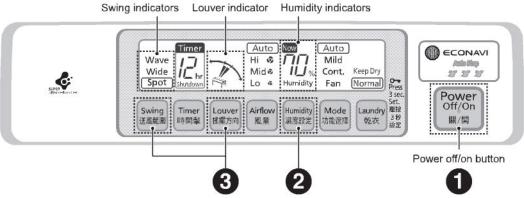


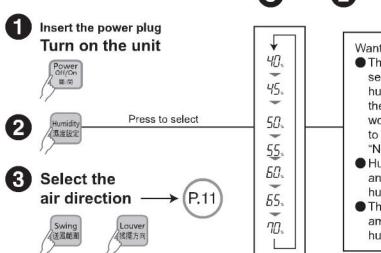
Airflow (Laundry/Mode/Humidity)

Please choose operation mode (P.8~P.10) before selecting the airflow.



To set humidity





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 Dehumidifier operates during high ambient humidity, and stop at low ambient humidity.

■ Airflow selection (P.8)



■ To stop operation



- To dry internal part of the unit, Fan continues to run for around 3 minutes after the operation.
- Please disconnect the power plug at least 3 minutes after stopping the operation.

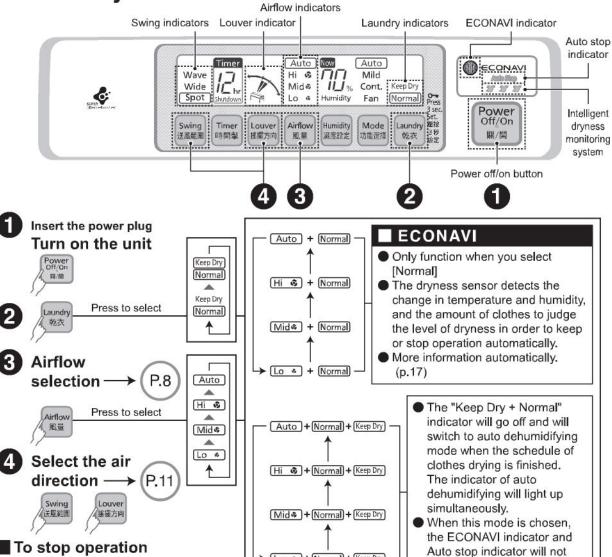
When using timer (P.13)



When Full Tank indicator is flashing (P.13)

Operation will stop
 →Please empty the tank

Laundry mode



- Power
- To dry internal part of the unit,
 Fan continues running about 3 minutes after the operation.
- Please disconnect the power plug at least 3 minutes after stopping the operation.

When using timer (P.13)



 When this mode is chosen, the ECONAVI indicator, Auto stop indicator and Humidity Indicator will not be displayed.

When Full Tank indicator is flashing (P.13)

● Operation will stop→Please empty the tank

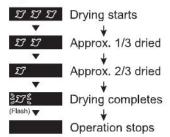
■ Intelligent dryness monitoring system (♡♡♡)

does.

display but Humidity Indicator

- This function only works in the operation of [Laundry (Normal/Keep Dry)]
- Dryness notification

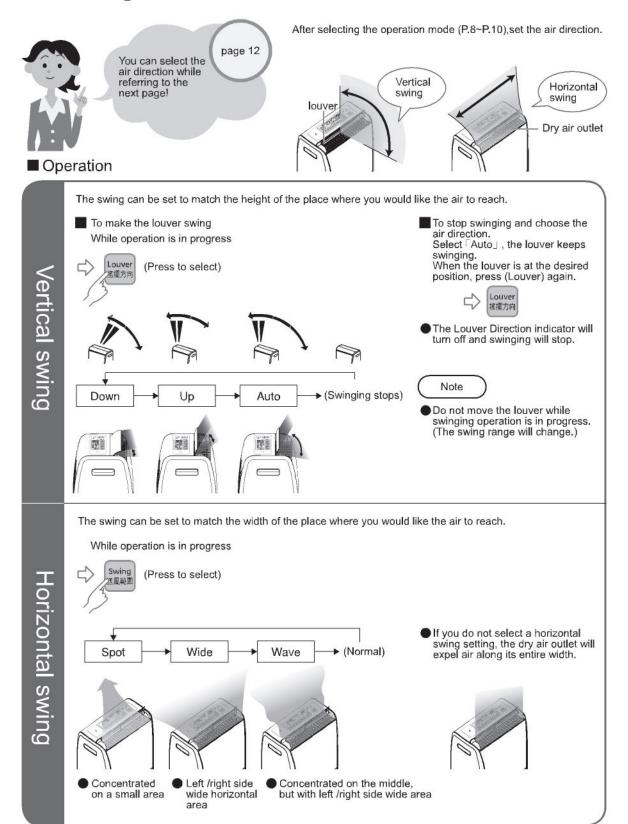
→ Lo → + Normal) + Keep Dry



 Degree of dryness may vary depending on factors such as the type and amount of clothing, hanging method, and environmental conditions.

10

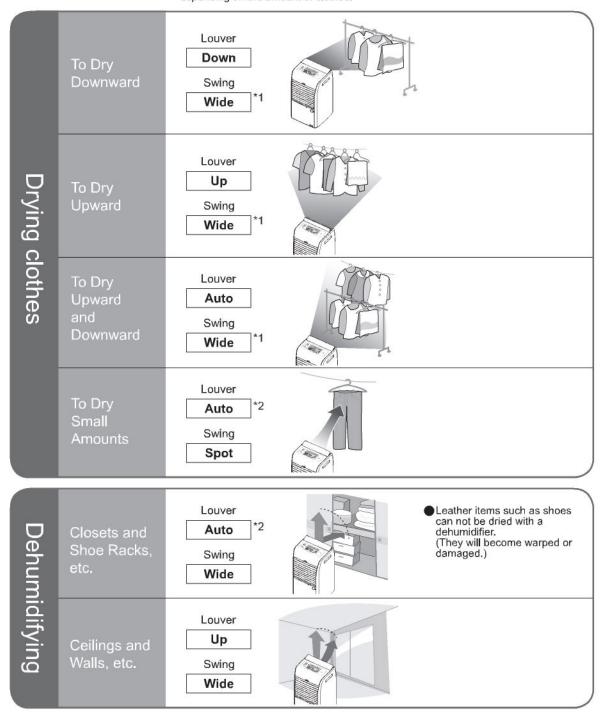
Swing / Louver Direction



Air Direction Setting Examples

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.



- * 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.

Using the Timer/ Removing a full tank

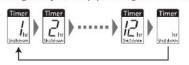
Using the Timer

Press



button to set the auto shutdown

function. The number (1-12 hour) can auto changed if you keep pressing the button.



- After setting the timer, it will show the remaining time. For example, you set the timer switch off the unit after 9 hours, the indicator will show 8 hours when there are 8 hours left, and so on.
- When the timer has been set, it will continue to count down even if the tank fills with water and dehumidifier stops operation.
- When using timer in laundry mode, the ECONAVI indicator, Auto Stop indicator and Intelligent dryness monitoring system will not turn on.

How to remove a full tank

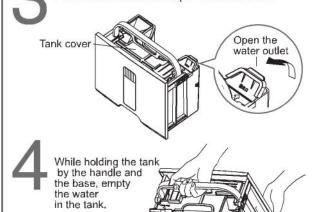
- When the tank water reaches the full tank line. (around 5 liters), operation will stop automatically. (The Full Tank indicator is flashing)
- Please follow the steps
- Remove the tank slowly with one hand
 - Do not touch the inner part of the unit.
 (May cause breakdown)



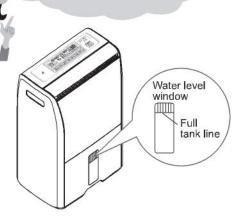
Carry tank carefully using the tank handle.



Push the tank cover and open the water outlet.



If the Full Tank indicator illuminates...



Installing the tank

Close the water outlet, and then fully re-insert the tank.

- Close the tank cover and water outlet securely.
 (Or water tank cannot be completely inserted into the unit and cause water leakage.)
- Insert the tank gently as far as it will go. Not installing the tank fully or bumping it may cause the Full Tank indicator to flash, and the dehumidifier will not operate. Please remove the tank and re-insert it gently.

Continuous Drainage

If there is adequate drainage nearby, the unit can be connected directly to the drain pipe and use the continuous drainage function.



Drainage pipes must be securely installed

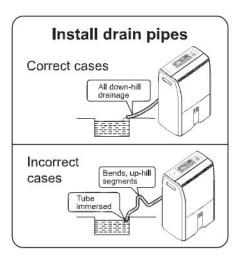


Please avoid bending and gapping drain pipe, make the drainage go as far as it will go. Poor drainage may result in leakage, wetting the house and property.

The ambient temperature of drain pipe must not fall below 0°C.



Water in drain pipe may freeze and block drainage, resulting in leakage, damaging the house and/or property.



Items to be purchased

Plastic pipe Length: 30 cm longer than the distance between dehumidifier and the drain. Internal diameter:15mm

Note

When the temperature of water in the drain pipe is much cooler than the ambient temperature, the surface of drainage pipe may cause condensation. Please take insulation measures if necessary.

Remove the sealing device

Follow the arrow@direction clamped.

then follow the arrow@direction remove

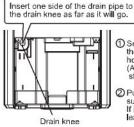


Pull off power plug and remove the water tank

4. Connect with drain pipe

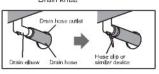


ain pipe

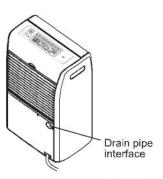


Secure the hose onto the drain elbow with a hose clip. (Available in hardware stores.)

Pull the hose to make sure it will not come off, If it is loose, water will leak.



Open the drain pipe interface
(Perform in 90 degree to the right, do not remove it)



Clean the drain pipe interface.

Insert the Water Tank



 Improper instlaation may cause unit not working.

- Note: When restoring to the normal drainage mode, improper installation may result in water overflow. Please contact the dealership or service station.
 - If no button is pressed for 24 hours, operation will stop automatically to prevent unintended continuous operation.

Maintenance



Be sure to empty the tank before performing maintenance!

Always be sure to disconnect the power plug and empty the tank. (See Emptying the tank. P.13)



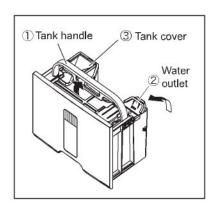
Tank cover

- 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.

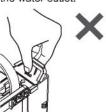
Water outlet

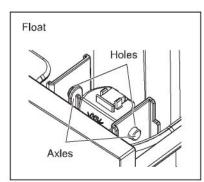
Water Tank (Suggest once a month)

- Rinse the tank and the tank cover about 2~3 times in water.
 Rinse off any slime with water without removing the float.

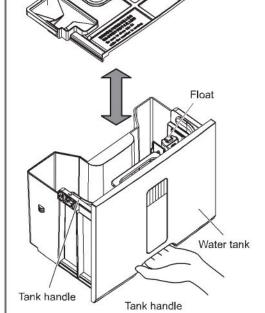


- Removing the tank cover
- 1 Lift up the tank handle.
- Open the water outlet.
- ③ Pull up the tank cover.
 - Do not strongly pull on the water outlet.





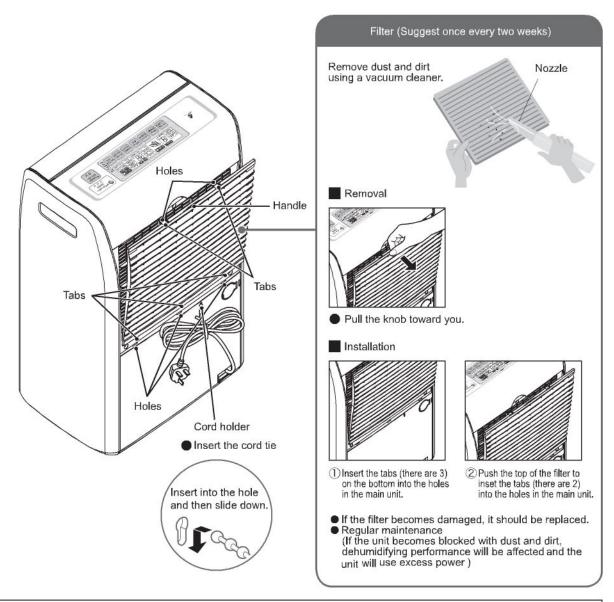
- - Rinse the area around the two axles with water to remove any dirt. (This can prevent the float from malfunctioning.)
 - Never remove the float. (If the float is not attached properly, the unit will not operate correctly and water may leak.)
 - →If the float comes off, insert the two axles into the holes as shown in the illustration at left.



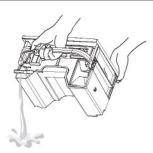
- For stubborn stains, clean with water mixed with diluted kitchen detergent.
- Depending on conditions in the room, the tank may become blackened.

(This is caused by impurities in the air dissolving into the water collected by the dehumidifier.)

- Dampen a cloth, wring out it firmly, and then use it to wipe the surface of the unit.
 - Do not lay down the unit.(Water leakage will occur.)
 - For stubborn stains, use water mixed with diluted kitchen detergent.



If not using the unit for long periods of time



- 1) Please select mode "Fan" and set timer to shut down for around four hours.
- Disconnect the power plug, let the unit stand for one day, and then emply the water tank. (P.13)
- 3 Clean the main unit, tank and filter.
- (4) Cover the unit with a plastic bag.
- (Laying it down may result in a breakdown, or cause any water remaining inside the unit to leak out.)

Drying clothes

About ECONAVI

Only work when you choose \[Normal \]

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

Operation running time for reference Unit: hour)

Model No.	GCK27H			
	Laundry operation running time			
Amount of clothes	Normal			
	Hi	Hi Mid (Auto)		
About 2 kg ~ 4 kg	3.5 ~ 5.3 hr	3.8 ~ 5.5 hr	4.3 ~ 6.4 hr	
About 4 kg ~ 6 kg	5.3 ~ 7.5 hr	5.5 ~ 7.7 hr	6.4 ~ 8.3 hr	

Test conditions: Temperature: 20 °C
Humidity: 80 %
Room space: 20 m²
(Manufacturer's results)

- Running time and consumption of electric power for the actual state of dryness may vary depending on factors such as the type and amount of clothing, the hanging method, and environmental conditions.
- The dehumidifier will stop after a maximum operation time of 10 hours.

Effectiveness of the filter

The Super alleru-buster and anti-bacterial agents contained in the filter help inhibit allergens, bacteria and mold.

Super alleru-buster

Inhibits allergens (such as pollen and house dust mites) accumulated by the filter.

Testing facility: Osaka Municipal Technical Research Institute

Testing method: Application of the enzyme immunoassay method to confirm the reduction of refined mite allergens.

Testing results: Inhibition of activity confirmed

Anti-bacteria

Inhibits bacteria*3 and mold*4 accumulated by the filter.

* 3 Testing facility: Japan Food Research Laboratories

Testing method: Confirmation by means of an agar cultivation method using a standard agar culture.

Testing results: Activity inhibited by 99 % or more

* 4 Testing facility: Japan Food Research Laboratories

Testing method: Based on anti-mold testing (halo method)

Testing results: Anti-mold effectiveness of halo method confirmed,

- The filter has a unique fragrance of catechin. This is normal and is not harmful to the human body.
- The original filter has a light brown color. Some light brown dots may appear on the filter after use. This is normal and does not affect the filter performance.

Fault!?

First, check the following.

If problems cannot be solved, be sure to disconnect the power plug, and then consult service station to repair the unit.

Problems	What to check?
① Buttons do not operate.	• Is the Full tank indicator is flashing (P.13), or is Repair indicator flashing? (P.7), Key lock Set? (P.6), Does the Defrost indicator is flashing? (P.7)
The Full Tank indicator is (2) flashing even though the tank is not full.	 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.	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)
The tank does not fill up with water. (The unit is not dehumidifying very well.)	 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.	■ Is the Fan mode set? → Fan mode will not retain water.
6 It takes a long time to dry clothes.	 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.	 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?
The humidity does not go down.	■ Is wet, cold air entering the room? →Avoid opening doors and windows while drying clothes.
Condensation forms all the time, even during dehumidifying.	 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.

Fault!?

First, check the following.

If problems cannot be solved, be sure to disconnect the power plug, and then consult service station to repair the unit.

Problems	What to check?
10 The Repair indicator is flashing	 Does the unit lay down? → 1. Disconnect the power plug and set the unit back upright. (Wipe away any spilled water.) 2. Let the unit stand for half a day or more without using it (to dry the unit completely in case any water has spilled inside) 3. Insert the power plug again and restart the unit. Does the unit tilt? → Disconnect the power plug and then reconnect it. Have any magnets or metallic objects been placed on top of the unit?
Operation stops at the time of continuous drainage.	 If no button is pressed for 24 hours, operation will stop automatically to prevent unintended continuous operation.
It generates "click" sound when changing the airflow.	Do not worry about that, it's a normal phenomenon for generating "click" sound when changing the airflow mode

If the following happens, please pull off the power plug, and contact the dealership or service station.

Problems	What to check?
[Rep] The unit encountered a problem but the Repair indicator is not flashing.	Wet machine malfunction, please note the error code and contact your dealer or service station.



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.

Specifications

Model No.		GCK27H		
Power supply		220 V ~ 50 Hz		
Power plug shape				
Operating	Temperature		26.7 °C	30 °C
condition	Relative humidity		60 %	80 %
Dehumidification capacity(L/Day) Hi		15.5	27	
Power consumption (w) Hi		245	310	
Water tank capacity (L)		The unit automatically stops at around 5 litres		
Weight (kg)		16.5		
Dimensions (WxHxD) (mm)		370X605X250		

^{*} The unit consumes approximately 0.5 W of power when operation is off. (While power plug is inserted)

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

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