DAIKIN DAIKIN ROOM AIR CONDITIONER 3P579594-1 M19P021

MODELS: GTL28TV16X2Z + RLG28TV16X2Z, GTQ35TV16X2Z + RQG35TV16X2Z

Safety Precautions Read the precautions Keep this manual where the user can easily find it.
 Read the precautions in this manual carefully before operating the unit The precautions described herein are classified as WARNING and CAUTION. They both contain important information rega safety. Be sure to observe all precautions without fail. **⚠** WARNING Failure to follow these instructions properly may result in personal injury or loss of life

Failure to observe these instructions properly may result in

⚠ CAUTION

property damage or personal injury, which may be serious depending on the circumstances. Never attempt. Be sure to follow the instructions. After reading, keep this manual in a convenient place so that you can refer to it whenever necessary. If the equipment is transferred. a new user, be sure also to hand over the manual.

⚠ WARNING ■ • In order to avoid fire, explosion or injury, do not operate the unit when harmful, among which flammable or corrosive gases, are detected near the unit.

Be aware that prolonged, direct exposure to cool air from the air condition or to air that is too cool can be harmful to your physical condition and health Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Product malfunctioning, product or injury damage may result due to contact with the air conditioner's high-speed fan blades Do not attempt to repair, dismantle, reinstall or modify the air conditioner yourself as this may result in water leakage, electric shocks or fire hazards

· Do not use flammable spray near the air conditioner, or otherwise fire may result.

• Do not use a refrigerant other than the one indicated on the outdoo unit (R32) when installing, moving or repairing. Using other refrigerants may cause trouble or damage to the unit, and personal injury.

To avoid electric shocks, do not operate with wet hands.

 Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burne heater or cooker may result in generation of noxious gas. Do not use the air conditioner until a qualified service person confirms that the leakage has been repaired.

 Do not attempt to install or repair the air conditioner yourself Improper workmanship may result in water leakage, electric shocks or fire hazards. Please contact your local dealer or qualified personnel for installation and maintenance work.

• When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn off power to the unit and contact your local dealer. Continued operation under inces may result in a failure, electric shocks or fire hazards. Be sure to install an earth leakage circuit breaker. Failure to insta the earth leakage circuit breaker may result in electric shocks or fire

■ To start operation

sequence.

2. Press ON/OFF

1. Press (MODE) and select a

DRY COOL FAN

Each pressing of the button

advances the mode setting in

• " ON " is displayed on the LCD.

• The OPERATION lamp lights green

operation mode.

DRY · COOL · FAN Operation

From the next time on, the air conditioner will operate with the same operation mode.

The air conditioner operates with the operation mode of your choice.

 Be sure to earth the unit. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks. **⚠** CAUTION

indoor or outdoor unit.

• Do not use the air conditioner for purposes other than those for which

• Do not use the air conditioner for cooling precision

• Do not use the air conditioner for cooling precision it is intended. Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adverse affect the performance, quality and/or longevity of the object concerned.

Do not expose plants or animals directly to airflow from the unit as this may cause adverse effects. Do not place appliances that produce paked flames in places exposed to the airflow from the unit as this may impair combustion of the burner

Do not block air inlets or outlets. Impaired airflow may result in insufficient performance or trouble. • Do not sit on the outdoor unit, put things on the unit, or pull the unit. Doing so may cause accidents, such as falling or toppling down, thus resulting in injury, product malfunctioning, or product damage

Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units. Under certain conditions, condensation or the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned. · After prolonged use, check the unit stand and its mounts for damage. I they are left in a damaged condition, the unit may fall and cause injury

To avoid injury, do not touch the air inlet or aluminium fins of the

 The appliance is not intended for use by unattended young children or infirm persons. Impairment of bodily functions and harm to health may result. Children should be supervised to ensure that they do not play with the unit or its remote controller. Accidental operation by a child may result in impairment of bodily functions and harm health. Avoid impacts to the indoor and outdoor units, or otherwise product damage may result. . Do not place flammable items, such as spray cans, within 1m of the air outlet. The spray cans may explode as a result of hot air from the indoor or outdoor units. . Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shocks or fire.

Do not wash the air conditioner with water, as this may result in electric shocks or fire. Do not place water containers (vases etc.) above the unit, as this may result in electric shocks or fire hazards.

To avoid oxygen depletion, ensure that the room is adequately ventil.

■ To stop operation

setting

4. Press TEMP

temperature.

temperature

you like from

Set to the

18-32°C

COOL operation

Press to raise the

press > to lower the

• " on " disappears from the LCD.

• Then OPERATION lamp goes off.

DRY or FAN

operation

The temperature

setting is not

variable.

■ To change the temperature

if equipment such as a burner is used together with the air conditioner.

· Before cleaning, be sure to stop unit operation, turn off the circuit breaker remove the power cord. Otherwise, an electric shock and injury may result.

Only connect the air conditioner to the specified power supply circuit. Power supplies other than the one specified may result in electric shocks, overheating and fires Arrange the drain hose to ensure smooth drainage. Imperfect drainage may cause wetting of the building, furniture etc. Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit. Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.

Do not place objects around the indoor unit.

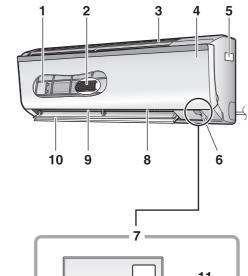
Doing so may have an adverse influence on the performance, product quality, and life of the air conditioner.

This appliance is not intended to be used by persons with reduced physical, sensory or mental capabilities, or with lack of operation knowledge, unless they have been given supervision or instruction concerning the appliance use by person responsible for their safety. Keep out of children's reach to ensure that they do not play with the appliance

Read before Operation Name of Parts

■ Indoor Unit

■ Outdoor Unit



4. Front panel 5. Model name plate 6. Indoor temperature sensor: • It senses the air temperature around the unit. 7. Display 8. Air outlet

1. Air filter

3. Air inlet

2. Accessory filter

9. Louvers (vertical blades): . The louvers are inside of the air outlet. 10. Dual Flap (horizontal blade)

11. Signal receiver: • It receives signals from the remote controller.

• When the unit receives a signal, you will hear a beep sound. Case Sound type

Operation start beep-beep Settings changed beep Operation stop long beep

12. OPERATION lamp (green) 13. TIMER lamp (yellow) 14. Indoor unit ON/OFF switch:

· Press this switch once to start operation. Press once again to stop it. • The operation mode refers to the following table. Temperature Airflow rate Mode setting

22°C

• This switch can be used when the remote controller is missing.

AUTO

15. Air inlet (back and side) 16. Refrigerant piping and inter-unit wiring 17. Drain hose 18. Earth terminal:

· It is inside of this cover 19. Model name plate

Appearance of the indoor / outdoor unit may differ from some models.

20. Air outlet

COOL

Adjusting the Airflow Rate / SMELL PROOF Operation

Adjusting the airflow rate

You can adjust the airflow rate to increase your comfort.

■ To change the airflow rate setting

Press FAN

Each pressing of FAN advances the airflow rate setting in sequence.

Middle

• In DRY operation, the airflow rate setting is not variable.

SMELL PROOF operation

The SMELL PROOF operation prevents unpleasant odour inside the indoor unit. This function is available in both DRY and COOL operation.

■ To use SMELL PROOF operation

1. Before starting the operation, press [FAN] to set to Auto.

2. Press MODE to select the DRY or COOL operation.

3. Press ON/OFF

• Air starts circulating about 1 minute after the operation is started. However, if the POWER CHILL operation is started, air starts circulating immediately.

NOTE

Units

■ Front panel

Open the front panel.

2. Remove the front panel.

shaft on one side.

3. Clean the front panel.

4. Attach the front panel.

and the center.

prevent it from falling

⚠ CAUTION

Troubleshooting

work properly

■ Note on airflow rate setting At smaller airflow rates, the cooling effect is also smaller.

■ Note on SMELL PROOF operation • SMELL PROOF operation can prevent some odours, but not all

■ Notes on the operating conditions • The air conditioner always consumes a small amount of electricity even while it is not operating.

Care and Cleaning

■ Indoor unit and remote controller

· Hold the front panel by the indentations

in the main unit and open the front panel.

• Slide the front panel to either the left

This will disconnect the front panel

· Disconnect the front panel shaft on

the other side in the same manner.

You can also remove the front panel

· Wipe it with a soft cloth soaked in water. Only neutral detergent may be used.

· Align the front panel shaft on the left

and right of the front panel with the

slots, then push them all the way in.

· Press the front panel at both sides

Close the front panel slowly.

Troubleshooting

Case

Remote controller does not

An abnormal functioning

nappens during operation

by pushing it open until the front

panel shaft is disconnected.

or right and pulling it toward you.

1. Wipe them with a dry soft cloth.

• If you are not going to use the air conditioner for a long period, turn off the circuit breaker. • Use the air conditioner in the following conditions. If operation is continued out of this range Operating conditions COOL Outdoor temperatu 19.4 - 50°C

Before cleaning, be sure to stop the operation and

• In case of washing the panel with water, wipe it with dry soft cloth, dry it up in the shade after washing.

• Do not touch the aluminium fins of the indoor unit. If you touch those parts, this may cause an injury.

• When removing or attaching the front panel, use a robust and stable stool and watch your steps carefully.

Explanation

• The batteries are dying and the remote controller is malfunctioning. Replace all the batteries with new, dry batteries (AAA). For

The air conditioner may malfunction with lightning or radio waves.

Turn off the circuit breaker, turn it on again and try operating the air

details, refer to "To set the batteries" of this manual.

■ No remote controller signals are displayed.

■ The remote controller sensitivity is low. ■ The display is low in contrast or blacked out.

■The display runs out of control.

• When removing or attaching the front panel, support the panel securely with hand to

• For cleaning, do not use hot water above 40°C, benzene, gasoline, thinner,

volatile oils, polishing compound, scrubbing brushes, hard stuff.

• After cleaning, make sure that the front panel is securely fixed.

densation may occur on the indoor unit and drip Indoor temperature

turn off the circuit breaker.

NOTE

■ Note on COOL operation

■ Note on DRY operation

■ Note on FAN operation

• For cooling: 26-28°C

outdoor temperature is high.

This mode is valid for fan only.

■ Recommended temperature setting

Timer / ECONO Operation

Timer functions are useful for automatically switching the air conditioner on or off at night or in the morning.

• This air conditioner cools the room by releasing the heat in the room outside.

Therefore, the cooling performance of the air conditioner may be degraded if the

• The computer chip works to rid the room of humidity while maintaining the temperature

as much as possible. It automatically controls temperature and airflow rate, so manual

TIMER Operation

■ To use GOOD SLEEP OFF TIMER operation

1. Press OFF " HR. " is displayed on the LCD

Each pressing of OFF advances the time setting by 1 hour. The time can be set between 1 to 9 hours. • The TIMER lamp lights yellow.

• Once GOOD SLEEP OFF TIMER operation starts, the set temperature

will increase gradually by 2°C in the next 2 hours to prevent excessive cooling for your pleasant sleep. ■ To use ON TIMER operation

1. Press ON

" HR. On " is displayed on the

Each pressing of ON advances the time setting by 1 hour. The time can be set between 1 to 12 hours. • The TIMER lamp lights yellow.

You can also use GOOD SLEEP OFF TIMER and ON TIMER in combination.

■ To cancel TIMER operation 2. Press CANCEL .

adjustment of these functions is unavailable.

• " HR. • " disappears from the LCD. • The TIMER lamp goes off. ■ To combine ON TIMER and

GOOD SLEEP OFF TIMER A sample setting for combining the 2 timers is shown below.

• "ON" and "OFF" are displayed on the LCD. MR.⊕ ® 🔠



ECONO Operation

ECONO operation is a function which enables efficient operation. This function is useful for reducing electric utility expense.

■ To start ECONO operation 1. Press during operation.

• " T " is displayed on the LCD.

■ To cancel ECONO operation 2. Press (CECONO) again.

• " T " disappears from the LCD.

NOTE

■ Note on TIMER operation • Once you set ON / GOOD SLEEP OFF TIMER. the time setting is kept in the memory. The memory is canceled when remote controller batteries are replaced.

■ Notes on ECONO operation ECONO operation can only be set when the unit is running.

Pressing OFF causes the settings to be canceled, and "

The set of t

■ In the following cases, set the timer again. • After a circuit breaker has turned off. After a power failure. • After replacing batteries in the remote controller.

" disappears from the LCD. • ECONO operation functions in COOL operation. POWER CHILL and ECONO operation cannot be used at the

same time. Priority is given to the function of whichever button • This operation is performed with increasing setting temperature and therefore may not provide a sufficient cooling effect.

Troubleshooting Troubleshooting

These cases are not troubles.

The following cases are not air conditioner troubles but have some reasons. You may just

Case	Explanation
Operation does not start soon. When "ON/OFF" button was pressed soon after operation was stopped. When the mode was reselected.	This is to protect the air conditioner. You should wait for about 3 minutes.
Air does not come out.	If the operation is started when the airflow setting is "Auto", the SMELL PROOF operation starts running to prevent unpleasant odour inside the indoor unit. Wait for about 1 minute. (Except when POWER CHILL operation is set.) Refer to Adjusting the Airflow Rate / SMELL PROOF Operation.
The flap does not start swinging immediately.	The air conditioner is adjusting the position of the flap. The flap will start moving soon.
A sound is heard.	 A sound like a flow of water This sound is generated because the refrigerant in the air conditioner is flowing. This is a pumping sound of the water in the air conditioner and heard when the water is pumped out from the air conditioner in cooling or drying operation. Blowing sound This sound is generated when the flow of the refrigerant in the a

conditioner is switched over. ■Ticking sound • This sound is generated when the size of the air conditioner slightly expands or shrinks as a result of temperature changes.

■ Clopping sound • This sound is heard from the inside of the air conditioner when the exhaust fan is activated while the room doors are closed. Open the window or turn off the exhaust fan. ■In COOL or DRY operation

The outdoor unit emits water • Moisture in the air condenses into water on the cool surface of or steam. outdoor unit piping and drips. Mist comes out of the indoor This happens when the air in the room is cooled into mist by the cold airflow during COOL operation The indoor unit gives out This happens when smells of the room, furniture, or cigarettes are absorbed into the unit and discharged with the airflow. (If this happens, we recommend you to have the indoor unit washed by a technician. Consult the service shop where you bought the air

conditioner.)

Check again.

Please check again before calling a repair person. **Explanation** Case Has a circuit breaker turned off or a fuse blown? The air conditioner does not Is it a power failure? operate. (OPERATION lamp is off.) Are batteries set in the remote controller? Is the timer setting correct? Are the air filters clean? Cooling effect is poor. • Is there anything blocking the air inlet or the outlet of the indoor and the outdoor units? · Is the temperature setting appropriate? · Are the windows and doors closed? • Are the airflow rate and the air direction set appropriately? Are the air filters clean? Operation stops suddenly. (OPERATION lamp flashes.) • Is there anything blocking the air inlet or the outlet of the indoor and the outdoor units? Turn off the circuit breaker and take all obstacles away. Then turn it on again and try operating the air conditioner with the remote controller. If the lamp still flashes, call the service shop where you bought the air conditioner. If the lamp stop flashing after the above steps, there is no malfunction.

conditioner with the remote controller.

• It displays the current setting. (In this illustration, each section is shown with its display on for the purpose of explanation.) 3. ON/OFF button: MODE A FAN • Press this button once to start operation. Press once again to stop it. 4. TEMPERATURE adjustment button: - (ANDA 13 It changes the temperature setting. 5. FAN setting button: OFF CANCEL ON **12**-· It selects the airflow rate setting. 6. SWING button: · Adjusting the airflow direction. 7. POWER CHILL button: <ARC484A10> POWER CHILL operation

8. MODE selector button: GTL28TV16X2Z, GTQ35TV16X2Z Model • It selects the operation mode. ARC484A10 mote No (DRY/COOL/FAN) 1 Coanda Feature 9. ECONO button Backlight Feature 10. TIMER CANCEL button: It cancels the timer setting. orizontal swing featur

11. ON TIMER button 12. GOOD SLEEP OFF TIMER button

13. COANDA button: COANDA operation

Read before Operation

Name of Parts

· It send signals to the indoor unit

■ Remote Controller

1. Signal transmitter:

2. Display (LCD):

NOTE

■ Notes on remote controller · Never expose the remote controller to direct sunlight.

• Dust on the signal transmitter or receiver will reduce the sensitivity. Wipe off dust with soft cloth. • Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamp) is in the room. Consult the shop if that is the case. • If the remote controller signals happen to operate another appliance, move that appli-

ance to somewhere else, or consult the shop.

Adjusting the Airflow Direction

You can adjust the airflow direction to increase your comfort.

Upper and lower airflow direction

■ To start auto swing

Press (\$SWING) • " 🔰 " is displayed on the LCD.

• The flap (horizontal blade) will begin to swing.

■ To set the flap at desired position • This function is effective while flap is in auto swing mode.

Press (SWING) when the flap has reached the desired position.

• The flap will stop moving.

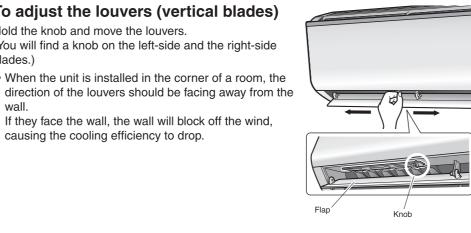
• "() disappears from the LCD.

Right and left airflow direction

■ To adjust the louvers (vertical blades) Hold the knob and move the louvers.

(You will find a knob on the left-side and the right-side • When the unit is installed in the corner of a room, the

If they face the wall, the wall will block off the wind, causing the cooling efficiency to drop.



2

⚠ CAUTION • Always use a remote controller to adjust the angles of the flap. If you attempt to move the

flap forcibly with hand when it is swinging, the mechanism may be broken. • Be careful when adjusting the louvers. Inside the air outlet, a fan is rotating at a high

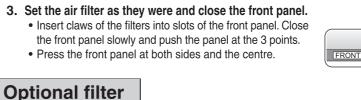
Care and Cleaning

Air filter

1. Pull out the air filters. • Open the front panel. • Push the filter tab at the center of each air filter a little upwards, then pull it down

2. Clean or replace each filter. Wash the air filters with water or clean them with vacuum cleaner. • If the dust does not come off easily, wash them with neutral detergent thinned with lukewarm water, then dry them up in the shade. • Be sure to remove the accessory filter (optional part). It is recommended to clean the air filters every 2 weeks.

3. Set the air filter as they were and close the front panel. Insert claws of the filters into slots of the front panel. Close the front panel slowly and push the panel at the 3 points. • Press the front panel at both sides and the centre.



Titanium apatite deodorizing air-puritying filter (with frame) 1 set	KAF9/0A45
Ag-ion filter (with frame) 1 set	KAF057A41
Anti Microbial filter (with frame) 1 set	KAF500A504
Micro-filter - PM2.5 (with frame) 1 set	KAF250A502
Mirco-filter - PM0.1 (with frame) 1 set	KAF010A503

[Installation] Hold the filter frame and hook it on the 4 claws of the air filter. ■ Titanium apatite deodorizing/Multi function/ Air-purifying filter/ Anti Microbial filter

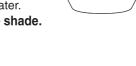




1. Take off the filter. 2. Vacuum dusts, and soak in lukewarm water for about

10 to 15 minutes if dirt is heavy. • Do not remove the filter from frame when washing with water. 3. After washing, shake off remaining water and dry in the shade.

• Do not wring out the filter when removing water from it.



Part No

Troubleshooting Call the service shop immediately.

■When an abnormality (such as a burning smell) occurs, stop operation and turn off the circuit Continued operation in an abnormal condition may result in troubles, electric shocks or fire. Consult the service shop where you bought the air conditioner ■ Do not attempt to repair or modify the air conditioner by yourself.

If one of the following symptoms takes place, call the service shop immediately. ■The power cord is abnormally hot or damaged. ■An abnormal sound is heard during operation.

■ After a power failure The air conditioner automatically resumes operation in about 3 minutes. You should

■ Water leaks from the indoor unit.

■There is a burning smell.

Incorrect work may result in electric shocks or fire.

Consult the service shop where you bought the air conditioner.

■The circuit breaker, a fuse, or the earth leakage

■ A switch or a button often fails to work properly.

circuit breaker cuts off the operation frequently.

Lightning If lightning may strike the neighbouring area, stop operation and turn off the circuit breaker for system protection.

Turn off the circuit

service shop.

breaker and call the

Disposal requirements

just wait for a while.

Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household Do not try to dismantle the system yourself: the dismantling of the air conditioning

system, treatment of the refrigerant, of oil and of other parts must be done by a

qualified installer in accordance with relevant local and national legislation. Air conditioners must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or

local authority for more information. Batteries must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

Read before Operation

• Do not damage or peel off labels on the batteries.

■ To set the batteries

position.

unit will not operate.

then slightly lifting it.

2. Set 2 dry batteries (AAA).

3. Return the back cover to the previous

■ To operate the remote controller

■ To install the Accessory filter

Preparation before Operation

⚠ CAUTION Incorrect handling of batteries can result in injury from battery leakage, rupturing or heating, or lead to equipment failure. Please observe the following precautions and use safely.

• If the solution from the batteries should get in the eyes, do not rub the eyes. Instead, immediately flush the eyes with tap water and seek the attention of a medical professional.

• Keep batteries out of reach of children. In the event that batteries are swallowed, seek the immediate attention of a medical professional. • Do not expose batteries to heat or fire. Do not disassemble or modify batteries. The insulation or gas release vent inside the battery may be damaged, resulting in battery leakage, rupturing, or heating.

1. Remove the back cover by sliding and

• To use the remote controller, aim the transmitter at the indoor unit. If there is anything to block signals between the unit and the remote controller, such as a curtain, the • Do not drop the remote controller. Do not get it wet. • The maximum distance for communication is about 7m. Filter frame

• Hold the filter frame and hook it on the 4 claws of the air filter.

Cleaning", and pull out the air filters. ■ Turn on the circuit breaker After the power is turned on, the flap of the indoor unit closes to set the reference position.

■Tips for saving energy Be careful not to cool the room too much. Keeping the temperature setting at a moderate level helps save energy.

Blocking sunlight and air from outdoors increases the cooling effect. • Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks. ■ Notes on batteries

 Do not use a leaking battery. • When replacing the batteries, use batteries of the same type, and replace both old batteries together. • When the system is not used for a long time, take the batteries out.

year, however, replace both batteries with new, dry batteries (AAA)

· The attached batteries are provided for the initial use of the system

COANDA / POWER CHILL Operation

come in direct contact with people ■ To start COANDA operation

• The flap position will change, preventing air from blowing directly on the occupants of the room. • " n is displayed on the LCD. The flap will go up.

• " @ " disappears from the LCD. POWER CHILL Operation

■ To start POWER CHILL operation 1. Press POWERCHILL

• " " is displayed on the LCD. ■ To cancel POWER CHILL operation 2. Press POWERCHILL again.

• The flap position will change, preventing air from blowing directly on the occupants of the room. • If the upper and lower airflow direction is selected, the COANDA operation will be canceled. • The airflow rate can be set to any level. However, a low airflow rate may cause cold air to go down and blow on people. ■ Notes on POWER CHILL operation

• POWER CHILL operation can only be set when the unit is running. • POWER CHILL operation will not increase the capacity of the air conditioner if the air conditioner is already in operation with its maximum capacity demonstrated. • In COOL operation

The temperature setting is lowered by 2.0°C and the airflow rate is maximized.

 In FAN operation The airflow rate is fixed to the maximum setting.

Care and Cleaning

1. Remove the filter from the filter frame and attach a new one.

• Do not throw away the filter frame. Reuse the filter frame when • When attaching the filter, check that the filter is set in the tabs.

[Maintenance]

once every 6.5 years.

1. Take off the filter. 2. Vacuum dust. Do not wash the filter as this will

reduce its efficiency.



• To order an optional filter, contact the service shop where you bought the air conditioner.

• Press Mode and select FAN operation. • Press on on other and start the operation.

3. Clean the air filters and set them again. 4. Take out batteries from the remote controller.

We recommend periodical maintenance. In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a specialist aside from regular cleaning by the user. For specialist maintenance, contact the service shop where you bought the air conditioner.

The remote controller can receive a corresponding error code from the indoor unit. 1. When $\overline{\mathtt{CANCEL}}$ is held down for 5 seconds, a " $\overline{\mathtt{U}}$ " indication blinks on the temperature display section.

	CODE	MEANING
SYSTEM	00	NORMAL
	UA	HARD WARE ERROR (TACT SWITCH PIN SHORT)
INDOOR UNIT	A5	FREEZE-UP PROTECTOR
	A6	FAN MOTOR FAULT
	C4	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR
	C9	FAULTY SUCTION AIR TEMPERATURE SENSOR

NOTE

 A short beep indicates non-corresponding codes. • To cancel the code display, hold down CANCEL for 5 seconds.

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· When installing the Accessory filter, refer to "Care and

Cover windows with a blind or a curtain

• If the remote controller display begins to fade and the degradation of reception performance occurs within a

The usable period of the batteries may be short depending on the manufactured date of the air conditioner.

COANDA Operation The flow of air will be in the upward direction which will provide a comfortable wind that will not

■ To cancel COANDA operation • The flap will return to the memory position same as before COANDA mode.

POWER CHILL operation quickly maximises the cooling effect in any operation mode. You can get the maximum capacity.

• " " disappears from the LCD. NOTE ■Notes on COANDA operation

• POWER CHILL operation ends in 20 minutes. Then the system automatically operates

again with the previous settings which were used before POWER CHILL operation.

• When using POWER CHILL operation, there are some functions which are not available.

To maximize the cooling efficiency, the operation temperature is set to 18°C, and the room airflow rate is maximized. The temperature and airflow settings are not variable.

[Replacement]

■ Ag-ion filter / Micro filter PM 2.5 & 0.1

The filter can be renewed by cleaning it with a vacuum cleaner. We recommend replacing it

NOTE • When applying for the filter for the first time, specify "with frame".

• Dispose of the old filter as non-flammable waste. Dispose of the old filter frame in accordance with your local waste sorting procedures. • Operation with dirty filters: (1) cannot deodorise the air. (2) cannot clean the air.

(3) results in poor cooling. (4) may cause odour. ■ Before a long idle period 1. Operate the FAN only for several hours on a fine day to dry out the inside.

2. After operation stops, turn off the circuit breaker for the room air conditioner.

The maintenance cost must be born by the user.

Troubleshooting

Fault diagnosis by remote controller

2. Press CANCEL repeatedly until a continuous beep is produced.

The code display also cancels itself if the button is not pressed for 1 minute.

JR Shinagawa East Bldg., 2-18-1, Konan, Minato-ku, Tokyo, 108-0075 Japan

Tokyo office:

MARNING Failure to follow these instructions properly may result in personal injury or loss of life. **⚠** CAUTION

Failure to follow these instructions properly may result in

property damage or personal injury, which may be serious depending on the circumstances. Never attempt. Be sure to follow the instructions. Be sure to establish an earth connection After reading, keep this manual in a convenient place so that you

⚠ WARNING To avoid fire, explosion or injury, do not operate the unit when harmful gases (e.g. flammable or corrosive) are · Be aware that prolonged, direct exposure to cool air from the air conditioner. or to air that is too cool, can be harmful to your physical condition and health
• Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Product damage may result due to contact with the

air conditioner's high-speed fan blades.

Do not attempt to repair, dismantle, reinstall or modify the air conditione yourself as this may result in water leakage, electric shock or fire hazards. Do not use flammable spray near the air conditioner, or otherwise Do not use a refrigerant other than the one indicated on the outdoor unit (R32) when installing, moving or repairing. Using other refrigera may cause trouble or damage to the unit, and personal injury.

To avoid electric shock, do not operate with wet hands.

 Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool air, refrigerant leakage could be the cause. Consult your service centre for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage. contact with a paked busine is cooker may result in generation of noxious gas. Do not use the air conditioner until a qualified service person confirms that the leakage has been repaired.

 Do not attempt to install or repair the air conditioner yourself. Improper workmanship may result in water leakage, electric shock or fire hazards. Please contact your local service centre or qualified personnel for installation and maintenance work.

If the air conditioner is malfunctioning (giving off a burning odour etc.), turn off power to the unit and contact your local service

centre. Continued operation under such circumstances may result in a failure, electric shock or fire hazards.

• Be sure to install an earth leakage circuit breaker. Failure to install the earth leakage circuit breaker may result in electric shock or fire. Be sure to earth the unit. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shock.

■ To start operation

operation mode.

sequence.

2. Press ON/OFF

1. Press (MODE) and select an

→ ! → * → !

DRY COOL FAN

Each pressing of the button

changes the mode setting in

• " ON " is displayed on the LCD.

• The OPERATION lamp lights green.

⚠ CAUTION

those for which it is intended. Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned Do not expose plants or animals directly to the airflow from the unit as this may cause adverse effects. Do not place appliances that produce naked flames in places exposed to the airflow from the unit as this may impair combustion of the burner. Do not block the air inlets or outlets. Impaired airflow may result

in insufficient performance or trouble. Do not sit on the outdoor unit, put things on the unit, or pull the unit.
 Doing so may cause accidents, such as falling or toppling down, thus resulting in injury, product malfunctioning, or product damage. Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units. Under certain conditions, condensation or the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned. After prolonged use, check the unit stand and its mounts for damage. they are left in a damaged condition, the unit may fall and cause injur . To avoid injury, do not touch the air inlet or aluminium fins of the The appliance is not intended for use by unattended young. children or infirm persons. Impairment of bodily functions and

the unit or its remote controller. Accidental operation by a child may result in impairment of bodily functions and harm health.

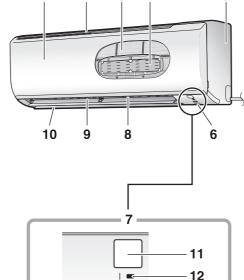
Avoid impacts to the indoor and outdoor units, or otherwise product damage may result. from the indoor or outdoor units

· Do not wash the air conditioner with water, as this may result in electric shock or fire.

• Do not place water containers (vases, etc.) above the unit, as this may result in electric shock or fire hazards if they should topple over Do not insert the batteries in the wrong polarity (+/-) orientation as this may result in short circuiting, fire, or battery leakage. To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.

Leaves are a hotbed for small animals which can enter the unit. Once inside the unit, such animals can cause malfunctions, smoke or fire if they come into contact with electrical parts. Do not place objects around the indoor unit.

Doing so may have an adverse influence on the performance. product quality, and life of the air conditioner This appliance is not intended to be used by persons with reduced physical, sensory or mental capabilities, or with lack of operation nowledge, unless they have been given supervision or instruction Read before Operation Name of Parts **■** Indoor Unit 1. Front panel



11. Signal receiver: · Receives signals from the remote controller • When the unit receives a signal, you will hear a beep sound Case Sound type Operation start beep-beep Settings changed beep Operation stop long beep 12. OPERATION lamp (green)

2. Air inlet

3. Air filter

7. Display

8. Air outlet

4. Accessory filter

5. Model name plate

6. Indoor temperature sensor:

9. Louvres (vertical blades):

10. Flaps (horizontal blades)

13. TIMER lamp (orange)

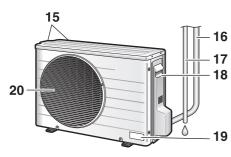
14. Indoor unit ON/OFF switch:

the following table.

Mode

COOL

Press once again to stop it.



differ between different models.

1. Signal transmitter: It send signals to the indoor unit. 2. Display (LCD): It displays the current setting. (In this illustration, each section is Detects the air temperature around the unit. shown with its display on for the purpose of explanation.) 3. ON/OFF button: MODE A FAN • Press this button once to start operation. Press once again to stop it. The louvres are inside of the air outlet. ₹ECONO C 4. TEMPERATURE adjustment button: 13-• It changes the temperature setting. 5. FAN setting button: OFF CANCEL ON 12-

> 6. SWING button: Adjusting the airflow direction. 7. POWER CHILL button: POWER CHILL operation

• It selects the airflow rate setting.

Name of Parts

■ Remote Controller

8. MODE selector button: • It selects the operation mode. (DRY/COOL/FAN) 9. ECONO button

12. GOOD SLEEP OFF TIMER button

10. TIMER CANCEL button: It cancels the timer setting. 11. ON TIMER button

Temperature | Airflow rate setting 13. COANDA button: AUTO 22°C COANDA operation This switch can be used when the remote

controller is missing. 15. Air inlet (back and side) 16. Refrigerant pipes and inter-unit wire 17. Drain hose

• Press this switch once to start operation.

• For the operation mode setting, refer to

18. Earth terminal (inside) 19. Model name plate

Up and down airflow direction

" (¾ " is displayed on the LCD.

• The flaps will stop moving.

Right and left airflow direction

• " (*) " disappears from the LCD.

■ To set the flaps at desired position

• The flaps (horizontal blades) will begin to swing.

■ To adjust the louvres at desired position

• This function is effective while the flaps are in auto swing mode.

Press when the flaps reach the desired position.

Hold the knobs and move the louvres (vertical blades).

■ To start auto swing

Press (\$SWING)

NOTE

■ Notes on remote controller • Never expose the remote controller to direct sunlight.

You can adjust the airflow direction to increase your comfort.

(such as inverter-type lamp) is in the room. Consult the shop if that is the case.

lemote No

Coanda Feature

Backlight Feature

• Dust on the signal transmitter or receiver will reduce the sensitivity. Wipe off dust with soft cloth. • Signal communication may be disabled if an electronic-starter-type fluorescent lamp • If the remote controller signals happen to operate another appliance, move that appliance to somewhere else, or consult the shop.

• Always use a remote controller to adjust the angles of the flaps. Moving the flaps forcibly by

• Be careful when adjusting the louvres. Inside the air outlet, a fan is rotating at a high speed.

Adjusting the Airflow Direction

COANDA / POWER CHILL Operation

• After the power is turned on, the flaps of the indoor unit open and close once to set the

• Cover windows with a blind or a curtain. Blocking sunlight and air from outdoors increases the cooling effect.

· Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks.

• To avoid possible injury or damage from battery leakage or rupturing, remove the batteries when

However, if the remote controller display begins to fade and the possible transmission range

• The standard replacement time is about 1 year. Both batteries should be replaced at the same time.

• The batteries supplied with the remote controller are for initial operation. The batteries may run out in less than 1 year.

COANDA Operation

Directs airflow upward. This function prevents air from blowing directly at users.

Keeping the temperature setting at a moderate level helps save energy.

becomes shorter within a year, replace both batteries as specified above.

Preparation before Operation

equipment failure. Please observe the following precautions and use safely.

• If the solution from the batteries should get in the eyes, do not rub the eyes. Instead,

immediately flush the eyes with tap water and seek the attention of a medical professional

Incorrect handling of batteries can result in injury from battery leakage, rupturing or heating, or lead to

· Keep batteries out of reach of children. In the event that batteries are swallowed, seek the immediate

· Do not expose batteries to heat or fire. Do not disassemble or modify batteries. The insulation or gas

release vent inside the battery may be damaged, resulting in battery leakage, rupturing, or heating

2

10

<ARC484A10>

GTE50TV16U2Z,GTQ60TV16U2Z

ARC484A10

X

⚠ CAUTION

attention of a medical professional

■ To insert the batteries

then slightly lifting it.

3. Replace the back cover.

frame on the indoor unit.

reference position.

■ Tips for saving energy

■ Notes on batteries

Do not use a leaking battery

NOTE

2. Insert 2 dry batteries (AAA).

■ To operate the remote controller

■ To attach the accessory filters

■ Turn on the circuit breaker

• Be careful not to cool the room too much.

not using the product for long periods of time.

Be sure to replace them with new size AAA dry batteries.

• To use the remote controller, aim the transmitter at the indoor

• Do not drop the remote controller. Do not get it wet.

• The maximum transmission distance is about 7m.

• Set the accessory filters under the tabs of the filter

When attaching the accessory filters, refer to "Care

and Cleaning", and pull out the air filters.

unit. If there is anything blocking the signals between the unit and

the remote controller, such as a curtain, the unit will not operate.

• Do not damage or peel off labels on the batteries.

1. Remove the back cover by sliding and

1. Press

■ To start COANDA operation

• The flaps position will change, preventing air from blowing directly on the occupants of the room. • " @ " is displayed on the LCD. The flaps will go up.

■ To cancel COANDA operation 2. Press again.

> • The flaps will return to the memory position same as before COANDA mode. • " a " disappears from the LCD.

POWER CHILL operation quickly maximises the cooling effect in any operation mode. In this mode, the air conditioner operates at maximum capacity

■ To start POWER CHILL operation

POWER CHILL Operation

again with the previous settings which were used before POWER CHILL operation. • " \ " is displayed on the LCD.

■ To cancel POWER CHILL operation 2. Press POWERCHILL again.

 \bullet " $\begin{cases} \bullet$ " disappears from the LCD.

■ Notes on COANDA operation

• If the up and down airflow direction is selected, the COANDA operation will be cancelled. • The airflow rate can be set to any level. However, a low airflow rate may result in the downward flow of cold air, and in air blowing at people.

• POWER CHILL operation can only be set when the unit is running. conditioner is already in operation with its maximum capacity demonstrated.

• In COOL operation To maximise the cooling effect, the capacity of outdoor unit is increased and the airflow rate becomes fixed at the maximum setting. The temperature and airflow settings cannot be changed.

 In DRY operation The temperature setting is lowered by 2.5°C and the airflow rate is slightly increased. • In FAN operation

The airflow rate is fixed at the maximum setting.

Anti microbial filter.

3. After washing, shake off remaining water and dry in

about 10 to 15 minutes if very dirty.

Titanium apatite photocatalytic air-purifying filter (1 set)

Air filter

1. Pull out the air filters.

· Open the front panel. little upwards, then pull it down.

2. Wash the air filters with water or clean them with a vacuum cleaner. • If the dust does not come off easily, wash them with

neutral detergent thinned with lukewarm water, then let them dry in the shade.





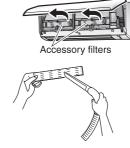


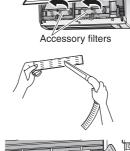
The filter can be renewed by cleaning it with a vacuum cleaner. We recommend replacing it

2) Take off the accessory filters.

2. Vacuum dust. • Do not wash the accessory filters as this will reduce their efficiency.

[Replacement]





Ag-ion filter (1 set)

Anti Microbial filter (1 set)

Micro-filter - PM2.5(1 set)

Mirco-filter - PM0.1(1 set)

the shade.

[Replacement]

1. Operate the FAN mode for several hours on a fine day to dry out the inside. 1) Press Mode and select FAN operation. 2) Press on on start the operation. 2. After operation stops, turn off the circuit breaker for the room air conditioner.

3. Clean the air filters and set them again.

4. To prevent battery leakage, take out the batteries from the remote controller.

We recommend periodical maintenance.

In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical

maintenance by a specialist in addition to regular cleaning by the user. For specialist maintenance, please contact the service centre where you bought the air conditioner. The maintenance cost must be borne by the user.

/!\ WARNING

Continued operation in an abnormal condition may result in problems, electric shock or fire. Consult the service centre where you bought the air conditioner. ■ Do not attempt to repair or modify the air conditioner by yourself. Incorrect work may result in electric shock or fire.

Consult the service centre where you bought the air conditioner.

If one of the following symptoms takes place, call your service centre immediately.

■ The power cord is abnormally hot or damaged. ■ An abnormal sound is heard during operation. Turn off the circuit ■ The circuit breaker, a fuse, or the earth leakage ■ A sv ■ The

■ After a power failure Lightning If there is a risk lightning could strike in the The air conditioner automatically resumes operation in about 3 minutes. You should neighbourhood, stop operation and turn off just wait for a while. the circuit breaker to protect the system.

Disposal requirements

Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household

Do not try to dismantle the system yourself: the dismantling of the air conditioning system, treatment of the refrigerant, of oil and of other parts must be done by a qualified installer in accordance with relevant local and national legislation.

negative consequences for the environment and human health. Please contact the installer or local authority for more information. Batteries must be removed from the remote controller and disposed of separately in

Troubleshooting

The remote controller can receive relevant error codes from the indoor unit.

1. When CANCEL is held down for about 5 seconds, " ₩ " blinks in the temperature display section.

	CODE	MEANING
	00	NORMAL
	UA	INDOOR-OUTDOOR UNIT COMBINATION FAULT
SYSTEM	U0	REFRIGERANT SHORTAGE
	U2	DROP VOLTAGE OR MAIN CIRCUIT OVERVOLTAGE
	U4	FAILURE OF TRANSMISSION (BETWEEN INDOOR UNIT AND OUTDOOR UNIT)
	A1	INDOOR PCB DEFECTIVENESS
INDOOR UNIT	A5	FREEZE-UP PROTECTOR
	A6	FAN MOTOR FAULT
	C4	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR

A short beep indicates non-corresponding codes.

 To cancel the code display, hold down CANCEL for about 5 seconds. The code display also cancels itself if the button is not pressed for 1 minute.

Minato-ku, Tokyo, 108-0075 Japan

MODELS: GTE50TV16U2Z+ REG50TV16U2Z, GTQ60TV16U2Z+ RQG60TV16U2Z

can refer to it whenever necessary. If the equipment is transferred harm to health may result.

Children should be supervised to ensure that they do not play with to a new user, be sure also to hand over the manual.

Do not place flammable items, such as spray cans, within 1m of the air outlet. The spray cans may explode as a result of hot air Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shock or fire.

 Before cleaning, be sure to stop unit operation and turn off the circuit breaker. Otherwise, an electric shock and injury may result. Only connect the air conditioner to the specified power supply circuit. Power supplies other than the one specified may result in electric shock, overheating and fires. Arrange the drain hose to ensure smooth drainage. Imperfect drainage may cause wetting of the building, furniture, etc.

Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.

concerning the appliance use by person responsible for their safety. Keep out of children's reach to ensure that they do not play with the appliance.

DRY · COOL · FAN Operation The air conditioner operates with the operation mode of your choice. From the next time on, the air conditioner will operate with the same operation mode.

> • " ON " disappears from the LCD. • Then OPERATION lamp goes off. **■** To change the temperature

3. Press ON/OFF again

■ To stop operation

setting 4. Press TEMP

• Press to raise the temperature and press ✓ to lower the temperature.

DRY or FAN COOL operation operation The temperature 18-32°C setting cannot be changed.

■ To cancel TIMER operation

• The TIMER lamp goes off.

■ To combine ON TIMER and

GOOD SLEEP OFF TIMER

2 timers is shown below.

ECONO operation enables efficient operation

by limiting the maximum power consumption.

This function is useful to prevent the circuit

breaker from tripping when the unit operates

■ To start ECONO operation

alongside other appliances on the same circuit.

1. Press (\square ECONO) during operation.

■ To cancel ECONO operation

This operation is performed with lower power and

therefore may not provide a sufficient cooling effect.

2. Press (▼ECONO) again.

button is pressed last.

Explanation

• " \square " is displayed on the LCD.

 \bullet " ${\color{red} \overleftarrow{\hspace{-1em} }}$ " disappears from the LCD.

• " HR. " disappears from the LCD.

• A sample setting for combining the

• "ON" and "OFF" are displayed on

2. Press CANCEL

the LCD.

HR.@ OFFON

ECONO Operation

NOTE

■ Note on COOL operation • This air conditioner cools the room by releasing heat in the room outdoors.

Therefore, cooling performance may fall in higher outdoor temperatures. ■ Note on DRY operation • Eliminates humidity while maintaining the indoor temperature as much as possible.

ECONO / TIMER Operation

It automatically controls temperature and airflow rate, so manual adjustment of these ■ Note on FAN operation • This mode is valid for fan only.

■ Recommended temperature setting

• For cooling: 26-28°C

TIMER Operation

Timer functions are useful for automatically switching the air conditioner on or off in the morning or at night. You can also use the ON TIMER and GOOD SLEEP OFF TIMER together. ■ To use ON TIMER operation

1. Press ON . " HR.⊕ " is displayed on the LCD. Each pressing of ON changes the time setting by 1 hour.

The time can be set between 1 and 12 hours.

Each pressing of OFF changes the

 The TIMER lamp lights orange. ■ To use GOOD SLEEP OFF

TIMER operation 1. Press OFF " HR. " is displayed on the LCD.

time setting by 1 hour. The time can be set between 1 and 9 hours. • The TIMER lamp lights orange

• Once GOOD SLEEP OFF TIMER operation starts, the set temperature will increase gradually by 2°C in the next 2 hours to prevent excessive cooling during sleeping hours.

NOTE

■ Note on TIMER operation TIMER, the time setting is kept in the

Once you set ON / GOOD SLEEP OFF

remote controller batteries are replaced.

memory. The memory is cleared when the

■ Notes on ECONO operation disappears from the LCD. ■ In the following cases, set the timer again. POWER CHILL and ECONO operation cannot be used at the same time. Priority is given to the function of whichever

• ECONO operation can only be set when the unit is running. Pressing causes the settings to be cancelled, and "\star" ECONO operation functions in COOL and

• After the circuit breaker has turned off. · After a power failure. After replacing the batteries in the remote controller.

Case

Operation does not start soon.

When "ON/OFF" button was

The outdoor unit emits water

Troubleshooting Troubleshooting

These cases are not problems. The following cases are not air conditioner troubles but have some reasons. You may just continue using it.

• This is to protect the air conditioner.

You should wait for about 3 minutes.

pressed soon after operation was stopped. • When the mode was reselected.	
Air does not come out.	If the operation is started when the airflow setting is "Auto", the SMELL PROOF operation starts running to prevent unpleasant odour inside the indoor unit. Wait for about 1 minute. (Except whe POWER CHILL operation is set.) Refer to "Adjusting the Airflow Rate / SMELL PROOF Operation"
The flaps do not start swinging immediately.	The air conditioner is adjusting the position of the flaps. The flaps will start moving soon.
Operation stopped suddenly. (OPERATION lamp is on.)	To protect the system, the air conditioner may stop operating afte sudden large voltage fluctuations. It automatically resumes operation in about 3 minutes.
A sound is heard.	 A sound like flowing water This sound is generated because the refrigerant in the air conditioner is flowing. This is a pumping sound of the water in the air conditioner and can be heard when the water is pumped out from the air conditioner during COOL or DRY operation. Blowing sound This sound is generated when the flow of the refrigerant in the conditioner is switched over.

■ Ticking sound • This sound is generated when the cabinet and frame of the air conditioner slightly expand or shrink as a result of temperature

> ■ Clopping sound • This sound is heard from the inside of the air conditioner when the exhaust fan is activated while the room doors are closed. Open the window or turn off the exhaust fan. ■In COOL or DRY operation Moisture in the air condenses into water on the cool surface of

the outdoor unit piping and drips. Mist comes out of the indoor • This happens when the air in the room is cooled into mist by the cold airflow during COOL operation

■ Outdoor Unit

Appearance of the indoor/outdoor unit may

20. Air outlet

Adjusting the Airflow Rate / SMELL PROOF Operation Adjusting the airflow rate

You can adjust the airflow rate to increase your comfort. ■ To change the airflow rate setting

Press FAN • Each pressing of FAN advances the airflow rate setting in sequence. Middle High Low . In DRY operation, the airflow rate setting is not variable

SMELL PROOF operation The SMELL PROOF operation prevents unpleasant odour inside the indoor unit. This function is available in both DRY and COOL operation.

■ To use SMELL PROOF operation 1. Before starting the operation, press PAN to set to Auto. 2. Press (MODE) to select the DRY or COOL operation.

However, if the POWER CHILL operation is started, air starts circulating immediately. NOTE ■ Note on airflow rate setting • At smaller airflow rates, the cooling effect is also smaller.

• SMELL PROOF operation can prevent some odours, but not all.

80% max.

• Air starts circulating about 1 minute after the operation is started.

• The air conditioner always consumes a small amount of electricity even while it is not operating. • If you are not going to use the air conditioner for a long period, turn off the circuit breaker. • Use the air conditioner in the following conditions. Operating conditions If operation is continued out of this range COOL Outdoor temperatur 19.4 - 50°C A safety device may work to stop the operation. Indoor temperature 18 - 32°C

Care and Cleaning

Indoor humidity

■ Note on SMELL PROOF operation

■ Notes on the operating conditions

3. Press ON/OFF

⚠ CAUTION • Before cleaning, be sure to stop the operation and turn off the circuit breaker. • Do not touch the aluminium fins of the indoor unit. If you touch those parts, this may cause an injury. • When removing or attaching the front panel, stand on a solid, stable base and take care not to fall. • When removing or attaching the front panel, support the panel securely with your hand to prevent it from falling.

Units ■ Indoor unit and remote controller 1. Wipe them with a dry soft cloth.

■ Front panel 1. Open the front panel. • Hold the front panel by the indentations in the unit and open the front panel. 2. Remove the front panel.

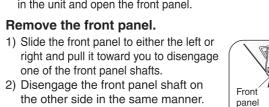
yourself and remove it.

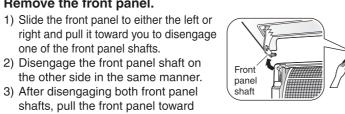
• Wipe it with a soft damp cloth.

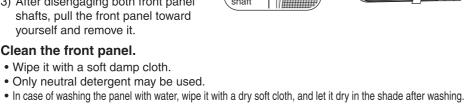
3. Clean the front panel.

NOTE

Water hotter than 40°C







4. Attach the front panel. 1) Align the front panel shaft on the left and right of the front panel with the grooves, then push them all the way in. 2) Close the front panel slowly.

3) Press the front panel at both sides and the centre. • After cleaning, make sure that the front panel is securely fixed.

For cleaning, do not use any of the following: • Polishing compounds • Volatile liquid such as benzene, petrol and thinner • Rough materials such as a scrubbing brush

Troubleshooting Troubleshootina **Explanation** The indoor unit gives out • The room odour absorbed in the unit is discharged with the airflow. We recommend you to have the indoor unit cleaned. Please consult your service centre. Remote controller does not ■No remote controller signals are displayed. ■The remote controller sensitivity is low. work properly

Check again.

Case

• Is the set temperature appropriate? Are the air filters dirty? or outdoor unit? • Is a window or door open?

or outdoor unit? Then restart operation with the remote controller. If the OPERATION lamp is still blinking, check the error code and consult your service centre. If the lamp stop blinking after the above steps, there is no malfunction. An abnormal functioning happens during operation.

The air conditioner may malfunction with lightning or radio waves. Turn off the circuit breaker, turn it on again and try operating the air conditioner with the remote controller

■ Wat

Stop operation and after turning off the circuit breaker, remove the obstruction.

■The display is low in contrast or blacked out. ■The display runs out of control.

• The batteries are dying and the remote controller is malfunction-

ing. Replace both batteries with new, dry batteries (AAA). For

details, refer to "To insert the batteries" of this manual.

Please check again before requesting repairs. **Explanation** Is there a power failure? Are batteries set in the remote controller? • Is the timer setting correct? • Is the airflow rate setting appropriate?

TIMER operation? • Are the air filters dirty? Operation stops suddenly. (OPERATION lamp is blinking.) Clean the air filters

Knobs • When the unit is installed in the corner of a room, the direction of the louvres should be facing away from the wall. If they face the wall, the wall will block off the wind, causing the cooling efficiency to drop.

Care and Cleaning • Push the filter tab at the centre of each air filter a

• It is recommended to clean the air filters every 2 weeks. Reattach the filters and close the front panel. • Insert the filters into slots of the front grille. Close the front panel slowly and push the panel at the 3 points.

once every 6.5 years. Take off the accessory filters.



The air conditioner does not Has the circuit breaker been tripped or the fuse blown? (OPERATION lamp is off.) The room does not cool down If the airflow rate setting is too low, increase it. • Is the adjustment of the airflow direction appropriate? • Is there anything blocking the air inlet or air outlet of the indoor unit • Is the air conditioner in ECONO operation or GOOD SLEEP OFF

• Is there anything blocking the air inlet or air outlet of the indoor unit

Accessory filter [Cleaning] Filter type: Ag - ion filter / Micro - filter (PM2.5 & 0.1) 1) Open the front panel and pull out the air filters. · Remove the accessory filters from the tabs.

1. Replace the old accessory filters with new accessory filters.

Troubleshooting Call your service centre immediately. ■ When an abnormality (such as a burning smell) occurs, stop operation and turn off the circuit

ere is a burning smell. ter leaks from the indoor unit.	service centre.
-11111	

Air conditioners must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential

accordance with relevant local and national legislation.

(4) may cause odour.

Part No.

KAF970A45

KAF057A41

KAF500A504

KAF250A502

KAF010A503

Fault diagnosis by remote controller

C9 FAULTY SUCTION AIR TEMPERATURE SENSOR

Umeda Center Bldg., 2-4-12, Nakazaki-Nish JR Shinagawa East Bldg., 2-18-1, Konan,

Accessory filte

• POWER CHILL operation ends in 20 minutes. Then the system automatically operates

NOTE • The flaps position will change, preventing air from blowing directly on the occupants of the room.

■ Notes on POWER CHILL operation • When using POWER CHILL operation, there are some functions which are not available. • POWER CHILL operation will not increase the capacity of the air conditioner if the air

Care and Cleaning

The accessory filters can be renewed by washing them with water once every 6 months. We recommend replacing them once every 3 years. 1. Take off the accessory filters. • For removal procedures, refer to "Accessory filter" on the previous page. 2. Vacuum dust and soak in lukewarm water for

Accessory filter | Filter type: Titanium apatite photocatalytic air-purifying filter / Air-purifying filter /

• Do not wring out the accessory filters to remove water from them. 1. Replace the old accessory filters with new accessory filters. • Dispose of the old filter as non-flammable waste. • To order an accessory filter, contact the service centre where you bought the air conditioner.

• Operation with dirty filters: (1) cannot deodorise the air. (2) cannot clean the air. (3) results in poor cooling. ■ Prior to a long period of non-use

2. Press CANCEL repeatedly until a long beep is produced.

NOTE

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