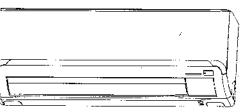
USER'S MANUAL





DXK09ZMA-S DXK12ZMA-S DXK18ZMA-S

(€

This air conditioner complies with EMC Directive 2004/108/EC, LV Directive 2003/95/EC.

RLA012A021A

図番 DWG No

RLA012A021

SUFFIX PAGE

Thank you for purchasing a MITSUBISHI HEAVY INDUSTRIES, LTD. Air-Conditioner. To get the best long-lasting performance, please read and follow this User's Manual carefully before using your air-conditioner. After reading, please store the Manual in a safe place and refer to it for operational questions or in the event of any irregularities.

This air-conditioner is intended for domestic use.

Do not vent R410A into the atmosphere: R410A is a fluorinated greenhouse gas, covered by the Kyoto Protocol with a Global Warming Potential (GWP) = 1975.



Your Air Conditioning product may be marked with this symbol. It means that waste electrical and electronic equipment (WEEE as in directive 2002/96/EC) should not be mixed with general household waste. Air conditioners should be treated at an authorized treatment facility for re-use, recycling and recovery and not be disposed of in the municipal waste stream. Please contact the installer or local authority for more information.



This symbol printed in the batteries attached to your Air Conditioning product is information for end-users according to the EU directive 2006/66/ EC article 20 annex II.

Batteries, at their end-of-life, should be disposed of separately from general household waste. If a chemical symbol is printed beneath the symbol shown above, this chemical symbol means that the batteries contain a heavy metal at a certain concentration. This will be indicated as follows: Hg:mercury(0.0005%), Cd:cadmium(0.002%), Pb:lead(0.004%) Please, dispose of batteries correctly at your local community waste collection or the recycling center.

The emission sound pressure level from each indoor and Outdoor unit is under 70 dB(A).

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Safety precautions

- . Before starting to use the system, please read these "Safety precautions" carefully to ensure proper operation of the
- When you have read this instruction manual, please keep it without missing. If someone else takes over as operator, make certain that the manual is also passed on to the new operator.

Improper handling could lead to drastic result like death, serious injury, etc. ACAUTION Might pose a serious problem, depending on the circumstances.

Please observe these precautions with great care, since they are essential to your safety.

Symbols which appear frequently in the text have the following meaning:



Strictly prohibited



Observe instructions with great care



Provide proper earthing

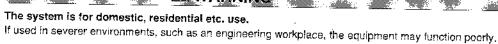
■ INSTALLATION PRECAUTIONS













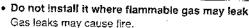
The system must be installed by your dealer or a qualified professional.

It is not advisable to install the system by yourself, as faulty handling may cause leakage of water, electric





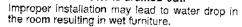
△ CAUTION





. Depending on the place of installation, an earth leakage breaker may be necessary. If you do not install an earth leakage breaker, you may get an electric shock.

· Make sure to install the drain hose properly so that all the water is drained out.





Make sure that the system has been properly earthed.

Earth cables should never be connected to a gas pipe, water pipe, lightning conductor or telephone earth cable. Incorrect installation of the earth cable may produce an electric shock.

■ OPERATION PRECAUTIONS

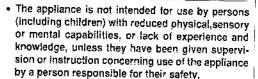


△ WARNING

 Do not expose yourself to the cooling air for a long period. This could affect your physical condition and

cause health problems. Do not insert anything into the air inlet,

This may cause injury, as the internal fan rotates at high speed.



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



· Store the remote control out of reach of infants.

Failure to observe this may result in the batteries being swallowed or other accidents



 Only use approved fuses. Use of steel or copper wire instead of an approved fuse is strictly prohibited, as it may cause a breakdown or fire.

- Do not handle the switches with wet hands. This may cause an electric shock.
- Do not swing from the indoor unit.

If the indoor unit falls down, you may get injured.

- Do not place a flammable insecticide or paint spray near the blower, nor spray it directly on the system.
- This may result in a fire.
- You should not expose any combustion appliance directly to the air stream of the airconditioner.

The appliance may then work inadequately.

Safety precautions

△ CAUTION

exchanger

outdoor units.

personal injury.

It may result in injury.

 Do not wash the air-conditioner with water. This could cause an electric shock.

The system should only be used for its original purpose and not for anything else like, for instance, preservation of food, plants or animals. precision devices or works of art.

The system is only intended for use in ordinary domestic rooms. Any other use of the system may damage the quality of food, etc.

Do not place anything containing water, like vases, on top of the unit.

Water entering the unit could damage the insulation and therefore cause an electric shock.

Do not install the system where the airflow direction is aimed directly at plants or animals. This will damage their health.

 Do not sit on the outdoor unit nor put anything If the unit falls down or things drop off it, people

could get hurt. After a long period of use, check the unit's support structure from time to time.

If you do not repair any damage right away, the unit may fall down and cause personal injury.

If you operate the system together with a

ventilate the indoor air.

to oxygen deficiency.

combustion appliance, you must regularly

 Do not place objects near the outdoor unit or allow leaves to gather around the unit. If there are objects or leaves around the outdoor unit, small animals may enter unit and contact

Do not touch the aluminum fins on the air heat

· Do not place household electrical appliances

Condensation falling from the unit may stain

Do not operate the system without the air

It can cause malfunction of the system due to

Do not shut off the power supply immediately

Wait at least 5 minutes, otherwise there is a risk of

· Do not control the system with main power

It can cause fire or water leakage. In addition,

the fan can start unexpectedly, which can cause

clogging of the heat exchanger,

after stopping the operation.

water leakage or breakdown.

objects and cause accidents or electrical shock.

or household items under neath the indoor or

Stand firmly on a stepladder or other stable object when removing the inlet panel and

Insufficient ventilation may cause accidents due

Failure to observe this may result in injury through insecure objects toppling over.

. When you clean the system, stop the unit and turn off the power supply. Never open the panel while the internal fan is

electrical parts and may cause a break-down smoke or fire

Contact your dealer to clean inside the indoor unit, do not attempt to do by yourself.

The use of a non-approved detergent or improper washing method may damage the unit's plastic components and cause leaks. Damage, smoke, or fire may also happen if the detergent comes in contact with electrical parts or the

 Stop the unit and turn off the power if you hear thunder or there is a danger of lightning. It may damage the unit.

■ PRECAUTIONS FOR RELOCATION OR REPAIRS



△ WARNING



Do not perform any repairs or modifications by yourself. Consult the dealer if the unit requires

If you repair or modify the unit, it can cause water leaks, electric shocks or fire.



· Consult your dealer for repairs.

Wrong repairs could cause an electric shock, fire, etc.

In case the air-conditioner is relocated elsewhere, contact your dealer or a professiona! fitter.

Faulty installation may cause water leakage, electric shock, fire, etc.

If you notice anything abnormal (smell of burning, etc.), stop the system, turn off the power supply and consult your dealer.

Continued use of the system in abnormal circumstances may result in malfunctioning, electric shock, fire, etc.

. If the air-conditioner fails to cool or warm the room, it may have a refrigerant leakage. Contact your dealer.

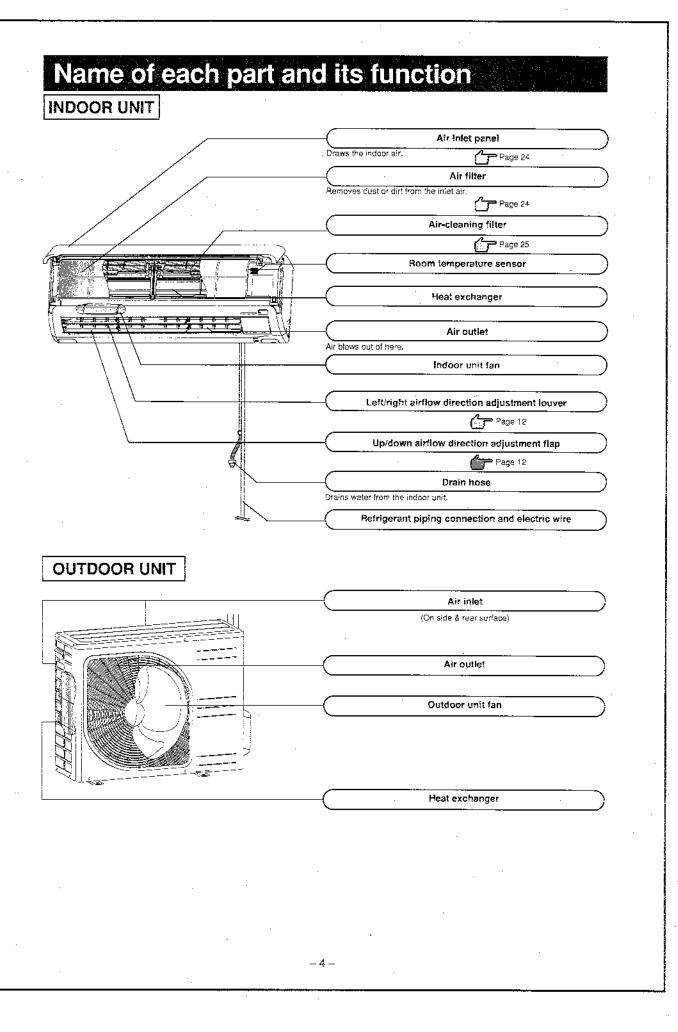
If refrigerant needs to be added, check with your dealer for proper instructions.

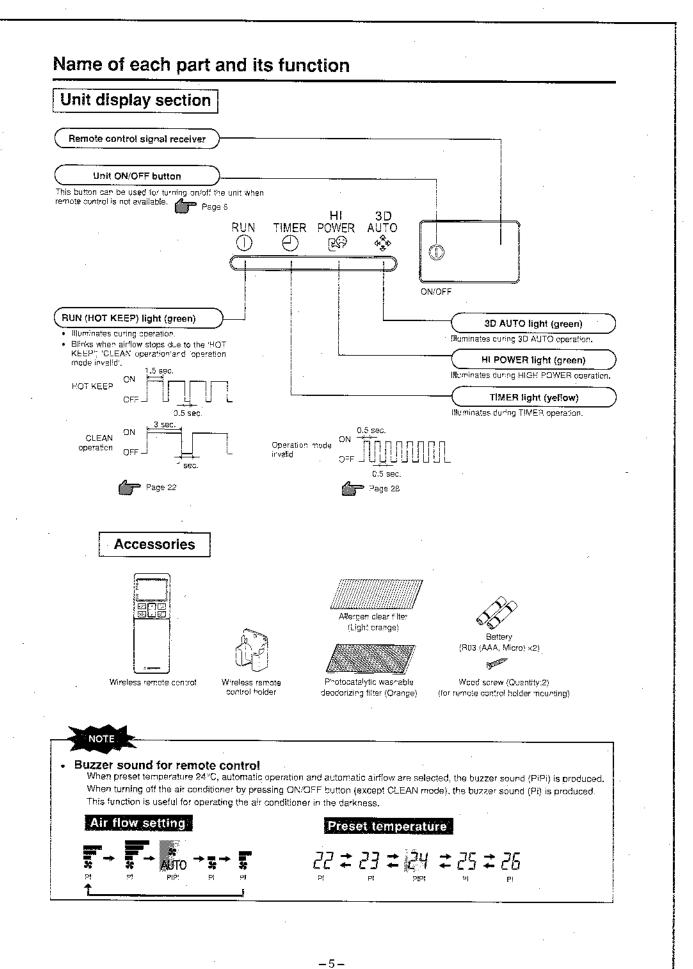
If the refrigerant comes in contact with the bare skin, it may cause cold injury.

If the refrigerant gas is inhaled excessively, it may cause deterioration of nerve function like dizziness and headache, or deterioration of heart function like irregular heartbeat and heart palpitation temporarily. If refrigerant unexpectedly leaks from the unit onto a fan heater, stove, hotplate or other heat source, harmful gases could be generated.

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DWG NO.

RLA012A021

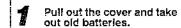
SULTIX PAGE

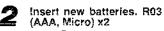
Remote control handling

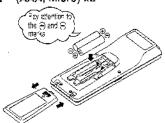
Replacing the batteries

The following cases signify exhausted batteries. Replace old batteries with new ones.

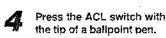
- · Receiving been is not emitted when a signal is transmitted.
- · Display fades away.







Close the cover.







. Do not use old and new batteries together.

- Remove the batteries when the remote control is not used for a long.
- The recommended effective period of a battery conforming to JIS or IEC should be 6 to 12 months with normal use. If used longer, or when an unspecified battery is used, figuid may leak from the battery, causing the remote control to malfunction.
- The recommendable effective period is printed on the battery. This may be shorter due to manufacturering time to the unit. However, the battery may still be in working order after expiry of its nominal life.
- When the display shows any abnormal condition, Press the ACL switch with the tip of a ballpoint pen.

Using the remote control holder

The remote control can be attached to a wall or pillar by using a remote control holder. Before installing the remote control, check that the air-conditioner receives

For installing or removing the remote control, move it



Warning note for remote control handling

Do not go near high temperature places, such as an electric carpet or stove.

Do not put any obstructing obsta-

cles between the remote control

Do not leave the remote control exposed to direct sunlight or other

Strictly prohibited

- strong lighting.
- Do not drop the remate control.
- Do not spill any liquid on the
- . Do not place heavy objects on the

Operation failure with the remote control

Are the batteries running down?

"Replacing the batteries" above. Replace the batteries with new ones and retry with temporary operation function. Contact your dealer to have the remote con-



Temporary run operation

The unit ON/CFF button on the unit operates ON/OFF temporarily when the remote control is not used.

Operation program OPERATION MODE: AUTO : AUTO FAN SPEED A!B FLOW : AUTO

· Operation starts by pressing the unit ON/OFF button; it stops if you press



Unit ON/OFF button

NOTE

Do not hold the Unit ON/OFF button down for more than 5 seconds. (Holding it down longer than 5 seconds sets the automatic cooling used during servicing or when relocating the air-conditioner.)

- S -

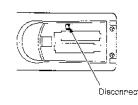
Installing two air conditioners in the same room

■ When two air conditioners are installed in the same room, use this setting when the two air conditioners are not operated with one remote control. Set the remote control and indoor unit,

Setting the remote control

Pull out the cover and take out batter-

Disconnect the switching line next to the battery with wire cutters.



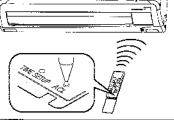
Insert batteries. Close the cover.

Setting an indoor unit

Turn off the power supply, and turn it on after 1 minute.

Point the remote control that was set according to the procedure described on the left side at the indoor unit and send a signal by pressing the ACL switch on the

Since the signal is sent in about 6 seconds after the ACL switch is pressed, point the remote control at the indoor unit for some time.



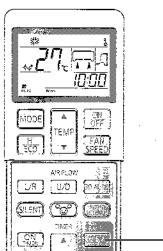
oio 🛫

Check that the reception buzzer sound "pip" is emitted from the indoor unit.

At completion of the setting, the indoor unit emits a buzzer sound "pip". (If no reception tone is emitted, start the setting from the beginning again.)

Child Lock

This function locks the remote control operation to prevent an operation error.



Point the remote control toward the air-conditioner, and

Press the SET button for 3 seconds or longer.

🟅 is displayed. While Child Lock is set, only the ON/OFF button can be

Releasing procedure

Turn off the light 3 by pressing the SET button for 3 seconds or longer.



· While Child Lock is set, the settings of temperature, fan speed and airflow direction cannot be changed. To change the settings, reset Child Lock.

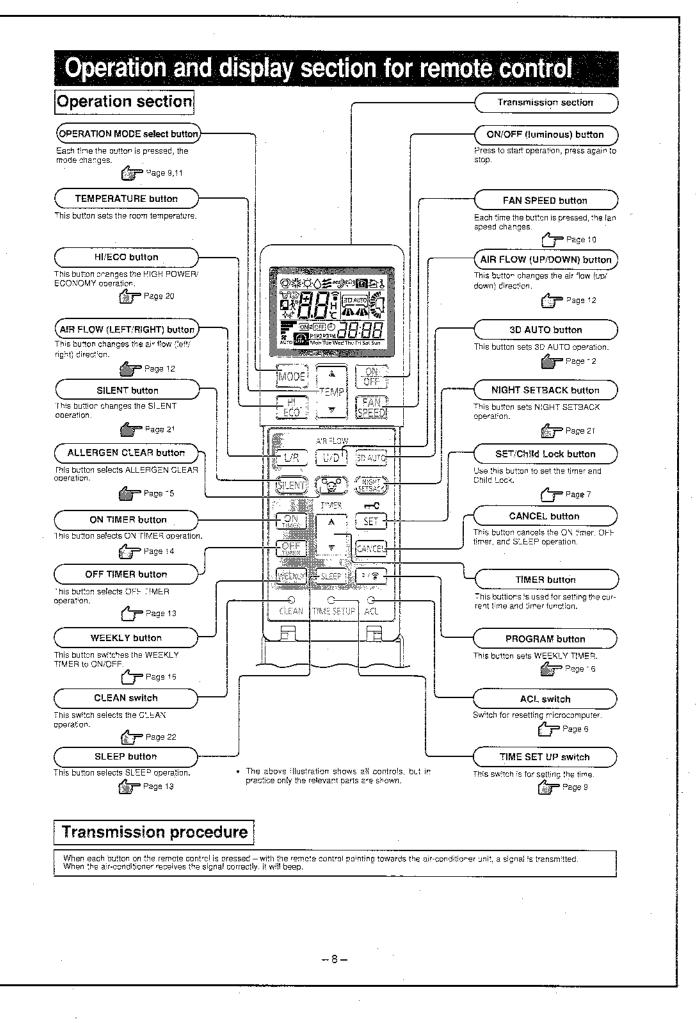
Child lock will not function during ALLERGEN CLEAR operation.

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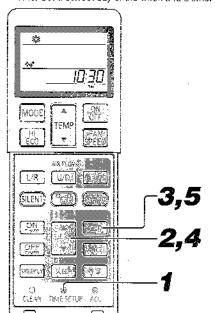
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SUPPIX 1 PAGE



Current time setting

When inserting the batteries, the current time is automatically set to time setting mode. Mon and 13:00 are displayed as the current time. Set a correct day of the week and a time.



Example: Set to Sat 10:30.

Press the TIME SET UP switch.

Press with the tip of a ballboint pen, etc. . The day of the week display blinks, enabling the setting of a day of the week.

Press the "▲ or ▼ (TIMER)" button.

(Set to Sat)

Press the SET button.

The day of the week display changes from blinking to steady lighting, correleting the setting of a day of the week, and the time display blinks. Make sure to press the button witbin 60 seconds from the test operation in step 2, otherwise the day of the week is not set.

Press the "▲ or ▼ (TIMER)" button.

(Set to 10:30)

Press the SET button.

The time display changes from blinking to steady lighting and the setting is complete.

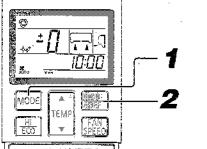
Make sure to press the button within 60 seconds from the last operation in step 4, otherwise the time is not set.

NOTE

- The timer operation works based on the time clock, so please set it correctly.
- The remote control data is reset when the present time is set.
- When the battery of the remote control is replaced or the ACL switch is pressed, the remote control is set to the initial state.
 Since the WEEKLY TIMER program is not set in the initial state, set the program according to the setting procedure.

AUTO mode operation

Automatically selects the operation mode (COOL, HEAT, DRY) depending on the room temperature when switched on.



(U/O }∰GO AUTO

SETS

STENT (CO) (REE)

Display in OFF status

<u> 10:30</u>

When the unit is not in AUTO mode

Press MODE button.

The mode changes whenever the button is pressed. Set to ලා.

Point the remote control toward the air-conditioner, and

Press the ON/OFF button,

NOTE

In case air is not blowing out during the operation.

Page 27

When the included clean filter is installed the air conditioner will clean the air during automatic operation.

The current time, day of the week, and present OPERATING MODE are displayed while the air conditioner is turned off.

To stop: P

AUTO mode can be

operated by simply pressing the ON/

Press the ON/OFF button.



 If you do not want the AUTO mode program, change to COOL, HEAT, DRY or FAN instead of AUTO.

Airflow direction adjustment procedure.

Page 12

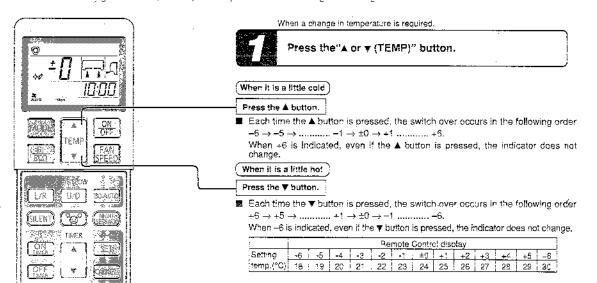
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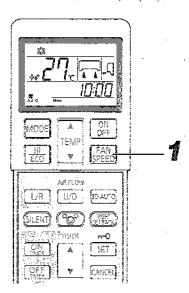
Temperature adjustment during AUTO

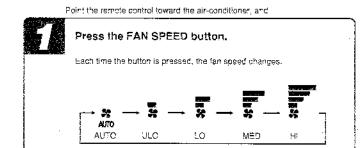
🗷 Air temperature adjustment is possible even during automatic operation. There are 6 levels of adjustment possible with the 🛦 button or the ▼ button.During automatic operation, 24°C is preset both for heating and cooling.



FAN SPEED

You can choose the capacity of your zir-conditioner when heating mode, cooling mode or fan mode.



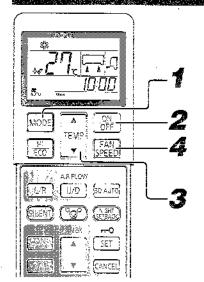


Operation capacity by your choice	FAN SPEED	
Set automatically by microcomputer	AUTO	
Silent operation	U£O.	
Energy-saving operation	LO	
Standard operation	MED	
Powerful operation with high capacity	Ht	



When FANSPEED is changed from HI to LO or ULO, the sound of refrigerant flowing may be heard.

COOL/HEAT/DRY/FAN mode operation



Press the MODE select button.

Set to a required mode.

缘(Cocl), & (Heat), & (Dry), 每(Fan)

Press the ON/OFF button.

Press the TEMP button. Press ▲ or ▼ button for the preferred temperature.

Recommendation.

[26°C~28°C 출 22°C~24°C 중 24°C~26°C 준

Airflow direction adjustment procedure. Page 12

Press the FAN SPEED button

Set the fan speed as preferred, A fan speed cannot be set under Dry operation

NOTE

- . In case air is not blown out, when starting the heating op-Page 27
- The operation mode can also be set or changed when the

To stop:

Press the ON/OFF button.

Air-conditioner operable temperature setting

Use within the following operational range. Operating outside of this range may result in the protection devices being activated. preventing the unit from working.

	Cooling operation	Heating operation
Outside temperature	Approximately -15 to 46 °C	Approximately -15 to 24 °C
Inside temperature	Approximately 18 to 32 °C	Approximately 15 to 30 °C
inside humidity	Below approximately 80% The long-term use of the unit with a humidity level exceeding 80% may result in condensation forming on the surface of the indoor unit, leading to water drips.	

Characteristics of HEAT mode operation

Mechanism and capacity of HEAT mode operation

- The unit draws heat from the cold outside air, transfers it to indoors and heats the room. As a characteristic of heat pump system, the heating capacity reduces when the outside air temperature gets colder.
- It may take some time to supply hot air after turning on the air-conditioner.
- If the outside temperature becomes extremely low, it would be better to use an additional source of heating,

Defrosting

If the outside temperature becomes low and humidity is high, the heat exchanger in the outdoor unit may frost over, which prevents efficient heating.

If this happens, the automatic defrost function is activated and during defrosting the heating operation stops for 5 to 15 minutes

- Soft Indoor and outdoor fans stop and the RUN light blinks slowly (1.5 sec. ON, 0.5 sec. OFF) during defresting.
- . The outdoor unit may give off some steam during defrosting. This is to help the defrosting process and is not a defect,
- The HEAT operation resumes as soon as defrosting has been completed.

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SUFFIX PAGE 8/

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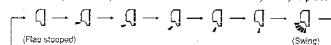
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Airflow direction adjustment

Adjusting airflow direction

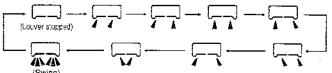
Up/down direction can be adjusted with the AIRFLOW U/D (UP/DOWN) button on the remote control. Every time you press this button the mode changes as follows:

Change on AIRFLOW (UP/DOWN) mode.



■ Left/right direction can be adjusted with the AIRFLOW L/R (LEFT/RIGHT) button on the remote control. Every time you press this button the mode changes as follows:

Change on AIRFLOW (LEFT/RIGHT) mode.



The actual position of the flap and louver may differ from the display shown.

NOTE FOR HEATING OPERATION

- · When operation starts, the flap and louver direction is fixed at the horizontal / center position in order to avoid cold draft, and return to the set the position that was set after the warm air supply is starting.
- The flap and louver direction will be controlled to the horizontal/center position when the room temperature reaches the set temperature and compressor stops or when defrosting is in operation.
- The airflow direction cannot be set during the period mentioned above. Change the airflow direction settings after the warm air is supplied and the flap/louver goes to the set position.

MEMORY FLAP (FLAP OR LOUVER STOPPED)

When you press the AIRFLOW (U/D or U/R) button once white the flap or touver is operating, it stops swinging at the position. Since this angle is memorized in the microcomputer, the flap or louver will automatically be set at this angle when the next operation is started.

→ MARNING

. Do not expose directory to airflow from the air-conditioner for a long time.

- · When in COOL or DRY operation, do not operate for a long period with the airflow blowing straight down. Otherwise, condensation may appear on the outlet grill and drip down
- Do not try to adjust the flaps and louvers by hand, as the control angle may change or the flap or louver may not be closed completely.

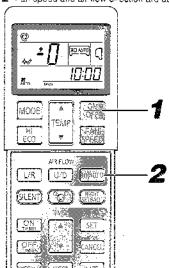
Recommended angle of the flap when

o.opp.ng	
HEAT	(Stant forward blewing)

COOL, DRY (Horizontal

3D AUTO operation

■ Fan speed and air flow direction are automatically controlled, allowing the entire room to be efficiently conditioned.



Press the ON/OFF button.

Press the 3D AUTO button.

Each time the 3D AUTO button is pressed, the display is switched in the

→ 3D AUTO

No display (Normal operation)

Releasing procedure

Press the 3D AUTO button to turn off the 3D AUTO display.

- 3D AUTO operation is cancelled when you switch the operation mode.
- If 3D AUTO operation is cancelled then the air flow direction changes to that used before 3D AUTO was set.
- 3D AUTO operation can be set in AUTO, COOL, or HEAT operation mode only.

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SLEEP TIMER operation

The unit stops automatically after the set time lapses.

The set temperature is automatically adjusted according to the elapsed time in order to avoid too much cooling or heating. Page 15

Press the SLEEP button.

If it is pressed while the unit is off

SLEEP TIMER operation starts with the previous operation settings, and the air conditioning is turned off after the set time elapses

If it is pressed while the unit is running

The air conditioner is turned off after the set time elapses. Every time the button is pressed, the display changes as follows:

3H ... (Brits of one hour)

Example: You prefer it to stop after 7 hours

The timer light (yellow) is on.

. The unit stops after the set time lapses.

SLEEP operation will not function during ALLERGEN CLEAR operation.
 Cannot be set at the same time with OFF-TIMER.

OFF-TIMER operation

The unit stops automatically when the set time comes.

· Changing of set time

U/D

...

WXX 8 2

Changing of set time.

- How to cancel

SET -

F / '8'

Set a new time by using the OFF-TIMER button.

Press the CANCEL button to turn off the timer

CANCEL

- How to cancel

Set a new time by pressing SLEEP button.

Press the CANCEL button to turn off the SLEEP

With the air conditioner turned off, start the operation from Step 1. With the air conditioner running, start from Step 2.

Example: You prefer it to stop 22:30.

Press the ON/OFF button,

Press the OFF-TIMER button.

OFF TIMES display (iff) is blinking.

Press the "A or ▼ (TIMER)" button.

Every time the ▲ button is pressed, the display is switched in the order of: \rightarrow 0:90 \rightarrow 0:10 \rightarrow 9:20 \rightarrow ... \rightarrow 1:00 \rightarrow 1:19 \rightarrow (Costs of ten minutes)

Every time the ▼ button is pressed, the display is switched in the order of: \rightarrow 0:00 \rightarrow 23:50 \rightarrow 23:40 \rightarrow ... \rightarrow 23:00 \rightarrow 22:50 \rightarrow (Units of ten minutes)

Set at 22:30.

Press the SET button.

The display changes from blinking to steady lighting and the setting is

The timer light (yellow) is on.

The unit stops at the end of the set period of time.

. Make sure to press the button within 60 seconds from the last operation in step 3, otherwise the setting is not completed.

The current time is not displayed during OFF-TIMER operation

- OFF-TIMER operation will not function during ALLERGEN CLEAR op-
- Different from SLEEP TIMER operation, automatic set temperature adjustment is not done during OFF-TIMER operation.

SUPPLX:

PAGE

ON-TIMER operation

ON OZF

SUD AUTO

SET ,

CANCE

Set a new time by using the ON-TIMER button.

Press the CANCEL button to turn off the timer

Changing of set time

How to cance!

Operation starts 5 to 60 minutes before the set time so that the room temperature reaches the optimize temperature at the set time. ON-TIMER operation can be set regardless of whether the air-conditioner is running or not,



Example: In the case the preferred room temperature is required at 8:00.

Press the ON-TIMER button.

ON-TIMER display tox is blinking.

Press the "▲ or ▼ (TIMER)" button.

Every time the A button is pressed, the display is switched in the order of \longrightarrow 0:90 \longrightarrow 0:10 \longrightarrow 0:20 \longrightarrow 1:00 \longrightarrow 1:10 \longrightarrow (Units of ten minutes)

Every time the ▼ button is pressed, the display is switched in the order of:

Press the SET button.

Set at 8:00.

The display changes from blinking to steady lighting and the setting is

The timer light (vallow) is on.

The operation stops if it is set during operation.

NOTE

· Operation starts 5 to 60 minutes before the set time.

- . The timer light (yellow) goes out at the set time.
- . Make sure to press the button within 60 seconds from the last operation in step 2, otherwise the setting is not completed.
- The current time is not displayed during ON-TIMER operation.
- ON-TIMER operation will not function during ALLERGEN CLEAR

SLEEP TIMER + ON-TIMER operation

■ Combined timer operation of SLEEP TIMER and ON-TIMER.



Example: When it is required to stop after 3 hours and then start operation at 8:00, near the

■ SLEEP TIMER setting

Set by the procedures on page 13.

■ ON-TIMER operation setting

Set by the above procedure mentioned in ON-TIMER. Set to 🖂 🔑 📙

The setting of the lighting of the timer light (yellow) of this unit is complete.

- After the SLEEP TIMER set time has elapsed, the operation stops, and it starts from 5 to 60 minutes before the ON-TIMER's set time.
- · The timer light is turned off when ON-TIMER set time comes.

Changing of set time -

Set a new time by using the SLEEP or ON-TIMER button.

How to cancel

Press the CANCEL button to turn off the timer display.

- 14 -

ON-TIMER + OFF-TIMER operation

The timer operations of the combination of ON and ΩFF-TIMER.

Example: When it is prefered to stop at 22:30, and then start operation at 8:00, near the set

■ OFF-TIMER operation setting

Set by the procedures or page 13. Set to しゃり,フラフ!!

■ ON-TIMER operation setting

Set by the procedures on page 14.

Timer light (yellow) on the unit will light when the setting is completed.

The set time will be displayed on the remote control. The display will change depending on the operational status.

With ON-TIMER, the air conditioner starts running. Then, with OFF-TIMER, the air conditioner stops running. (Example Present time: 5:00 The air conditioner stopping.)

With OFF-TIMER, the air conditioner stops running. Then, with ON-TIMER, the air conditioner starts running. (Example Present time: 20:00 The air conditioner running.)

- Changing of set time

Set a new time by using the OFF-TIMER or ON-TIMER button.

- How to cancel

Press the CANCEL button to turn off the timer display.

Comfort Start-up

In ON-TIMER operation, the unit starts the operation a little earlier, so that the room can approach optimum temperature at ON time. This is so called "Comfort start-up".

Mechanism

The room temperature is checked 60 minutes before the ON time. Depending on the temperature at that time, the operation starts 5 to 60 minutes before the timer is at

C/D 30 AUTO

(M)

SET

lacksquare

SLESP

The function is available for both COOL and HEAT operation mode (including AUTO). It does not work for DRY

TEMP

0/0

(F) (F)

FAN SPEEC

30 AUTO

► In COOL operation -(Stop) Operation starts

(Operatio Set lemoerature Check the room Set time

SLEEP TIMER

When SLEEP TIMER is selected, the set temperature is automatically adjusted after a while, ensuring that the room is not too cold during cooling or too warm during heating.

- ng cooling : the preset temperature is lowered by 1°C at the start of SLEEP operation (when the timer is set). After that, the temoera-ture goes up by 1°C every an hour to become 1°C higher than the present temperature.
- During heating: Preset temperature is lowered by 1°C at the start of SLEE operation (when the timer is set). After that the temperature to becomes 3°C lower in an hour and 8°C lower in two hours than the

ALLERGEN CLEAR operation

■ The power of enzymes is used to eliminate allergy-causing allergens that accumulate on the allergen clear filter.

Aim the remote centrol at the air-conditioner.

Press the ALLERGEN CLEAR button.

To stop:

Press the ON/OFF or ALLERGEN CLEAR button.

NOTE

- Since the room temperature may change quite a bit, it is recommended that this be used when no one is in the room. (It completes automatically in approximately 90 min.)

 • During Al I ERGEN CLEAR operation temperature, fan speed, airflow
- direction and timer operations settings cannot be made.
- In case of SCM multi system, ALLERGEN CLEAR contro! function is
- In case of SCM multi system, if ALLERGEN button is pressed by mistake, the indoor unit which received such command stops.

-15-

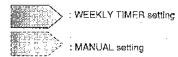
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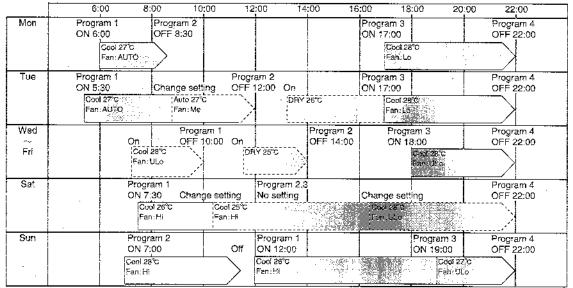
DWG NO. RLA012A021 SUFFIX PACE

WEEKLY TIMER operation

■ Up to 4 programs with timer operation (ON-TIMER / OFF-TIMER) are available for each day of the week. Max 28 programs per week are available. Once this has been set, the timer operation will be repeated at the same programs every week unless the WEEKLY TIMER is canceled.

Sample (At cooling season)





WEEKLY TIMER ON/OFF setting

■ Switch the WEEKLY TIMER to ON/OFF by using the WEEKLY button.



-16-

Press the WEEKLY button.

The WEEKLY TIMER becomes effective.

Every time the WEEKLY button is pressed, the display is switched in the order of:

WEEKLY TIMER on) (WEEKLY TIMER off)

When the WEEKLY TIMER is set to CN, the timer fight (yellow) of the air conditioner is on.

When the hotery of the remote control is replaced as the ASI, cutted in

When the battery of the remote control is replaced or the ACL switch is pressed, the remote control is set to the initial state. Since the WEEKLY TIMER program is not set in the initial state, set the program according to the setting procedure.

NOTE

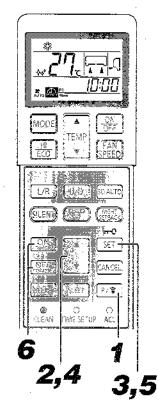
- The WEEKLY TIMER is switched to ON/OFF regardless of whether the air conditioner is running or not.
 The ON-TIMER operation of the WEEKLY TIMER is effective.
- The ON-TIMER operation of the WEEKLY TIMER is effective regardless of whiether the air conditioner is running or not. When the ON-TIMER setting time is reached, the remote control operates according to the contents that are set. The remote control display is also switched to the operation contents that are set. The setting can be changed from the remote control after ON-TIMER operation of the WEEKLY TIMER.

The following contents can be set by the ON-TIMER. Operation mode, fan speed, temperature, airflow direction, ECONOMY, 3D AUTO. NIGHT SETBACK, SILENT. Comfort start-up is not performed for WEEKLY TIMER ON-TIMER operation.

- OFF-TIMER operation of the WEEKLY TIMER is effective only when the air conditioner is running. When the time set by the OFF-TIMER is reached, the air conditioner stops.
- When multiple program numbers are set for the current day (day of the week), the operation is performed from the earliest time that is set.
- When various timers (ON-TIMER, OFF-TIMER, and SLEEP TIMER) are operating, the WEEKLY TIMER does not operate even if the time set in the ON-TIMER or OFF-TIMER is reached. The WEEKLY TIMER becomes effective after various timers are terminated.
- ous timers are terminated.

 The ON-TIMER or OFF-TIMER of the same time in the same day of the week cannot be set.

Setting mode <Individual setting>



Set after setting the current day of the week and the time

Press the PROGRAM button.

and current day of the week blink.

Press the "▲ or ▼ (TIMER)" button.

Select a day of the week to be reserved.

Every time the ▲ button is pressed, the display is switched in the order of:

— Mon+Tue+Wed+...+Sun+Display of all of the days of the week

Every time the ▼ button is pressed, the display is switched in the order of:

— Mon+Cisplay of all of the days of + Sun+Sat+...+Tue

Press the SET button.

The day of the week is determined and the program number blinks.

Press the "▲ or ▼ (TIMER)" button.

Select a program number.

Every time the ▲ button is pressed, the display is switched in the order of:

P1 P2 P3 P4

Every time the ▼ button is pressed, the display is switched in the order of:

P* P4 P5 P2 P2

Press the SET button.

When no set contents (ON-TIMER or OFF-TIMER) are available, both the 函 and 领网 timers blink.

When set contents (ON-TIMER or OFF-TIMER) are available, either one of 领 or 健 is it.

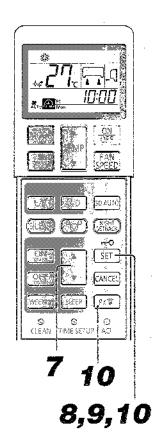
Press the ON-TIMER or OFF-TIMER button.

ON-TIMER or OFF-TIMER is determined and time display blinks.

ON-TIMER is selected

OFF-TIMER is selected

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Press the "▲ or ▼ (TIMER)" button.

Set a time.
Every time the ▲ button is pressed, the display is switched in the order of:

→0:00→0::0→0::0→0::0→0::0→1::0→1::0→(..nits of ten *inutes))

Every time the ▼ button is pressed, the display is switched in the order of:

→(b(0)→2::50→23:40→...→23:00→22:50→(Jnits of ten minutes))

When ON-TIMER is selected, go to Step 8.
When OFF-TIMER is selected, go to Step 9.

Set required operation contents.

When ON-TIMER is selected, operation mode, fan speed, and air flow direction can be changed and the ECONO. SILENT or NIGHT SETBACK operation can be set.

Press the SET button.

The time is determined and and blink.

Press the PROGRAM button or SET button.

When the PROGRAM button is pressed, the setting is sent to the air conditioner. Since it takes 3 seconds for transmission, point the remote control at the remote control signal receiver of the indoor unit during the period.

When the setting is received, a buzzer sound (pip. pip, pip) is emitted.

When the SET button is pressed, the setting continues from Step 2.

Setting mode <Collective setting>

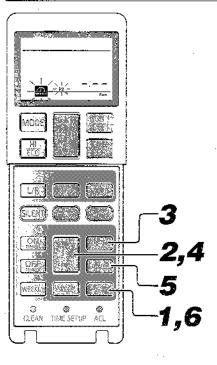
Set the same operation contents to the same program number of all the days of the week. In Step 2 above, select "all of the days of the week". When the contents that were individually set exist in the same program number, the contents are overwritten.

NOTE

- If no operation is performed for 60 seconds in setting mode, the setting changes that have been made until then become invalid and the setting mode terminates. Subsequently, and all the program numbers (P1, P2, P3 and P4) blink for 10 seconds.
- At the end of the setting mode, point the remote control at the air conditioner and press the PROGRAM button. In this case, check
 that the air conditioner emits a reception buzzer sound three times (pip, pip, pip). If the buzzer sound is not emitted, set the mode
 to the setting mode again by pressing the PROGRAM button and check that the buzzer sound is emitted.

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How to cancel the setting <Individual setting>



Press the PROGRAM button.

and current day of the week blink.

Press the "A or ▼ (TIMER)" button.

Select a day of the week to be cancelled.

Press the SET button.

The day of the week is determined and the program number blinks.

Press the "A or ▼ (TIMER)" button.

Select a program number to be cancelled.

At cancellation operation, do not press the SET button. If the SET button is pressed, the mode is shifted to the Set mode.

Press the CANCEL button.

The setting contents of the ON or OFF-TIMER are cancelled and -: - - is displayed on the time display section.

Press the PROGRAM button.

When the PROGRAM button is pressed, the setting is sent to the air conditioner.

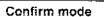
When the setting is received, a buzzer sound (ptp., pip., pip.) is emitted. The setting contents of each program are cancelled. Perform the

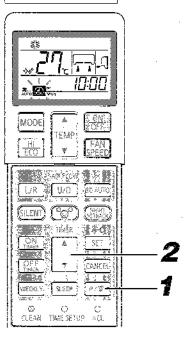
operation indicated above for each program to be cancelled.

How to cancel the setting <Collective setting>

■ When the same operation contents exist in the same program number of all the days of the week, collective erase is allowed. In Step 2 above, select "all of the days of the week". The procedure from Step 3 is the same as that indicated above.

If the operation contents have been changed or erased by individual setting after the collective setting described in page 18, causing setting content discrepancies among the days of the week, collective erase is not allowed.





The WEEKLY TIMER setting contents can be confirmed.

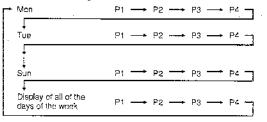
Press the PROGRAM button for 3 seconds or more.

Blacks and the setting content lights.

Press the "A or V (TIMER)" button.

Select a day of the week and a program number to be confirmed.

Display starts from the current day of the week. For the program without setting, -:- - is displayed. When the PROGRAM button is pressed in Confirm mode, a setting mode is set.



Releasing procedure

The Confirm mode can be terminated by pressing the ON/OFF, CANCEL of SET button.



 If no operation is performed for 60 seconds in Confirm mode, the Confirm mode is terminated.

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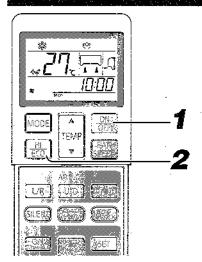
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wc no. RLA012A021 SUMMIX PAGE

12

HIGH POWER/ECONOMY operation



If the air-conditioner is not operating, point the remote control toward the air conditioner, and

Press the ON/OFF button.

Press the HI/ECO button.

When the operating mode is AUTO, COOL or HEAT Every time the PI/ECC button is pressed, the display is switched in the

→ No display (HIGH POWER) (ECONOMY) (Normal operation)

 When the operating mode is DRY or ON-TIMER = OFF-TIMER Every time the HI/ECO button is pressed, the display is switched in the

No display -(ECONOMY (Normal operation)

Concerning HIGH POWER operation

Pressing the HI/ECO button intensifies the operating power and initiates powerful cooling or heating operation for 15 minutes continuously. The remote control 문의 displays and the FAN SPEED display disappears.



- . During the HIGH POWER operation, the room temperature is not controlled. When it causes an excessive cooling or heating, press the HI/EGO button again to cancel the HIGH
- HIGH POWER operation is not available during the DRY and ON-TIMER + OFF-TIMER operations.
- When HIGH POWER operation is set after setting ON-TIMER operation, HIGH POWER operation will start from the set time.
- · Not operable while the air conditioner is OFF. · After HIGH POWER operation, the sound of refrigerant
- When the following operations are set, HIGH POWER operation will be canceled
 - 1) When the HI/ECO button is pressed again.
 - When the operation mode is changed
- When it has been 15 min, since HIGH POWER oneration has started
- 2) When the 3D AUTO button is pressed.
- When the SILENT button is pressed.
- When the NIGHT SETBACK button is pressed.

Concerning ECONOMY operation.

flowing may be heard.

Pressing the HI/ECO button initiates a soft operation with the power suppressed in order to avoid an excessive cooling or heating. The unit operates 1.5°C higher than the setting temperature during cooling or 2.5°C lower than that during heating. The remote control displays and the FAN SPEED display disappears.

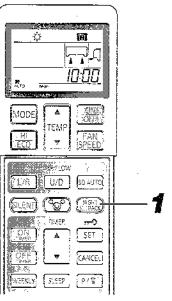
-20 -

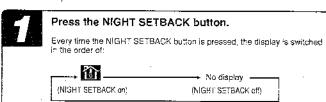


- . It will go into ECONOMY operation at the next time the airconditioner runs in the following case.
- (i) When the air-conditioner is stopped by ON/OFF button during ECONOMY operation.
- ② When the air-conditioner is stopped in St EEP or OFF TIMER operation during ECONOMY operation.
- When the operation is retrieved from CLEAN or AL-LERGEN CLEAR operation.
- . When the following operations are set, ECONOMY operation
- When the HI/ECO button is pressed again.
- (2) When the operation mode is changed DRY to FAN.
- ③ When the NIGHT SETBACK button is pressed.
- · Not operable while the air conditioner is OFF.

NIGHT SETBACK operation

■ During the cold season, the room temperature can be maintained at a comfortable level during the absence, at night, and while the room is unattended. The air conditioner maintains the constant temperature at about 10°C.





- Releasing procedure

Press the NIGHT SETBACK button or MODE button to turn off the NIGHT SETBACK display.

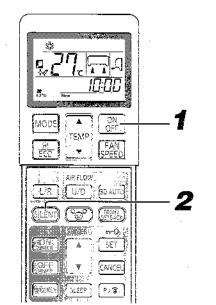


- During NIGHT SETBACK operation, the air conditioner maintains the set temperature at about 10°C.
- During NIGHT SETBACK operation, temperature settings cannot be
- Since the room temperature may change quite a bit, it is recommended that this be used when no one is in the room.

 During NIGHT SETBACK operation, none of HIGH POWER and
- ECONOMY operations can be set.
- When NIGHT SETBACK operation is cancelled by pressing the NIGHT SETBACK button, the operation mode is reset to the mode immediately prior to the NIGHT SETBACK operation.

SILENT operation

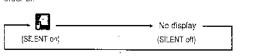
■ When the SILENT operation is set, the unit operates more silently reducing noise from the outdoor unit.



If the air-conditioner is not operating, coint the remote control toward the air conditioner, and Press the ON/OFF button.

Press the SILENT button.

When the operating mode is AUTO, COOL, HEAR or NIGHT SETBACK Every time the SILENT button is pressed, the display is switched in the



Releasing procedure

Press the SILENT button to turn off the SILENT display.



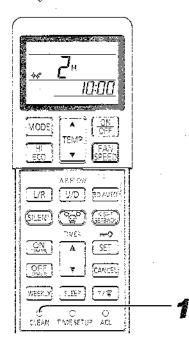
- During SILENT operation, the maximum cooling and heating capacities
- · SILENT operation will not function during DRY and FAN operation.
- . It will go into SILENT operation at the next time the air-conditioner runs in
- ① When the air-conditioner is stopped by ON/OFF button during SILENT operation.
- ② When the air-conditioner is stopped in SLEEP or OFF-TIMER operation during SILENT operation.
- 3 When the operation is retrieved from CLEAN or ALLERGEN CLEAR operation.
- Not operable while the air conditioner is OFF.
- · The noise level of the outdoor unit may not decrease depending on the
- In case of SCM multi system, SILENT control function is invalid.

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SUPPIX

SELF CLEAN operation

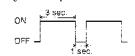
■ CLEAN operation should be run after AUTO, COOL and DRY operation to remove the moisture from inside the indoor unit and control the growth of mold and bacteria.



In order to active CLEAN operation, press the CLEAN switch with the tip of a ballpoint pen. Every time the GLEAN switch is pressed, the display is switched in the order of: ► **♦**♦ (CLEAN on) No display (CLEAN off)

- Two hours later, the air conditioner stops running automatically. To stop the air conditioner immediately, press the ON/OFF button.

 CLEAN operation is not operated after HEAT and FAN, OFF-TIMER.
- SLEEP and ALLERGEN CLEAR operations have finished.
- The indoor unit fan runs for about two hours in CLEAN operation.
- · The RUN light illuminates during CLEAN operation.



- Pressing the SLEEP button, ALLERGEN CLEAR button or NIGHT SETBACK button during CLEAN operation cancels the CLEAN operation and then the unit is set to SLEEP, ALLERGEN CLEAR or NIGHT SETBACK operation. This is not a function for removing mold, germs or grime that have
- already adhered to the unit.

Auto restart function

38 What is auto restart function?

- . Auto restart function records the operational status of the air-conditioner immediately prior to be switched off by a power cut, and then automatically resumes operations after the power has been restored.
- . The following settings will be cancelled:
- ① Timer settings ② HIGH POWER operations



- · Auto restart function is set at on when the air-conditioner is shipped from the factory. Consult with your dealer if this function needs
- . When power failure occurs, the timer setting is cancelled. Once power is resumed, set the timer again

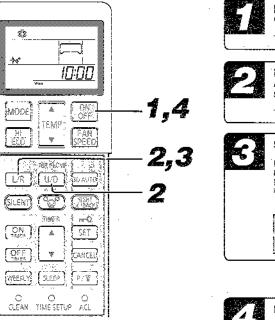
Tips for effective operation

R Please observe the following for the most economic and comfortable use of your unit.

-	Set a suitable room temperature.	Clean the filters frequently.	Avoid direct sunlight and draught.	
1	Excessively high or low temperatures are not good for your health and waste of electricity.	Clogged filters may block the airflow and cause less efficient operation.	Out out direct sunlight by drawing the curtains or blinds when cooling. Keep windows and doors shut, except when ventilating.	
į	Adjust the airflow direction properly.	Operate the unit only when needed.	Keep heat source away when cooling.	
į	Adjust the up/down and left/right airflow to ensure a steady room temperature.	Use the timer properly to operate the unit only when needed.	Keep heat sources out of the room as much as possible.	

Installation location setting

Take the air conditioning unit's location into account and adjust the left/right airflow range to maximize air-conditioning



If the air conditioning unit is running, press the ON/ OFF button to stop.

The installation location setting cannot be made while the unit is running.

Press the AIR FLOW U/D (UP/DOWN) button and the AIRFLOW L/R (LEFT/RIGHT) button together for 5 seconds or more.

The installation location display illuminates.

Setting the air-conditioning installation location. Press the AIR FLOW L/R (LEFT/RIGHT) button and adjust to the desired Each time the AIR FLOW L/R (LEFT/RIGHT) button is pressed, the display (Right End Installation) (Left End Installation)

Press the ON/OFF button.

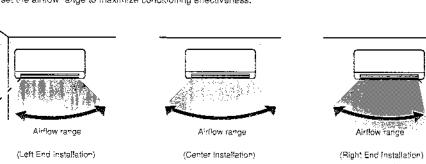
The atr-conditioner's installation location is set. Press within 60 seconds of setting the installation location (while the install lation location setting display illuminates).

Press within

60 sec.!

Air conditioner installation location and airflow range

The diagram below indicates the airflow ranges corresponding to the air-conditioner's installation location. Consider your room's layout and set the airflow range to maximize conditioning effectiveness.



- Once the installation location setting is configured, the installation location setting is stored in the air conditioner even if the power supply is turned off. To change the installation location setting, set a location again with the remote control.
- During the operation, an installation location cannot be set. When the air conditioner is installed at the location within 50 cm from the wall, it is recommended to change the location to "Right End Installation" or "Left End Installation".

Maintenance

Before maintenance

Turn off the power supply.



· Do not spill any liquid,



Wipe the unit with a soft, dry cloth.



- Do not touch the aluminum fins on the heat exchanger.
- Stand firmly on a stepladder or other stable object when removing the inlet panel and filter.

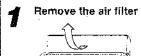
Do not use the following articles:

- Hot water (40°C or more)
- It may deform or discolour the unit.
- Petrol, paint thinner, benzine or cleanser, etc. They may deform or scratch the unit.

During the operational season

Cleaning the air filter

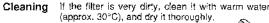
Standard interval is once every two week



- Pull up the air inlet panel forward.
- Lightly hold the knobs both sides and lift a little to remove the panel forward.



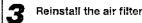


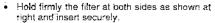


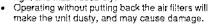
(approx. 30°C), and dry it thoroughly.

- Do not clean the filters with boiling water. Do not dry them over an open flame.
- · Pull them out gently.









Cleaning the unit

. Wipe the unit with a soft, dry cloth, or use a vacuum cleaner. If the unit is very dirty, wipe it with a cloth soaked in warm water.

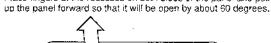
Cleaning the air inlet panel

- · Removal, installation of air inlet panel.
- . The panel can be washed with water. After washing with water, wipe any moisture off the panel and dry out of direct sunlight.



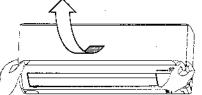
How to open, close the air inlet panel

Place fingers at the recesses on both sides of the panel and pull



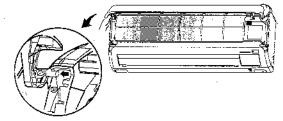
Close

Push both ends evenly and press further lightly at the center,



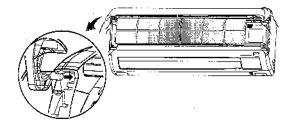
Removal, installation of air inlet panel

When removing the air inlet panel for internal cleaning or others. open the panel by 80 degrees and then pull it forward.



Installation

Secure the upper edge of the air inlet panel by lightly pushing it in, and then close the panel.





Cooling/heating is affected by an air filter clogged up with dust etc., and the operation noise becomes louder. It may also use extra electricity. Please clean the air filter at appropriate intervals.

At the end of the season

Perform the fan operation for 2 to 3 hours.

Dry the inside of the unit.

Stop the unit and turn off the power supply.

The unit consumes approx, 4W even when the unit is not operating. Turning off the power supply will help saving energy consumption and cost.

Clean and reinstall the air filters.

Clean both the indoor and outdoor units.

Remove batteries from the remote control.

At the beginning of the season

- Ensure that the earth wiring is not snapped nor disconnected.
- Check if there is no corrosion or rust on the base frame of the outdoor unit,
- Make sure that there are no obstacles blocking the airflow around the air intake and outlet openings of the indoor and outdoor units.
- Ensure that the air filters are clean.
- Turn on the power supply.
- Insert batteries in the remote control.

Installing, inspecting, and replacing the air-cleaning filter

- 1. Open the air inlet panel and remove the air filters. Page 24
- 2. Remove the filter holders, with the air-cleaning filter installed in the folders, from the air-conditioner
- 3. Remove the allergen clear filter (Light orange) from filter holder and inspect the filter. Use a vacuum cleaner to remove any dust or dirt from the allergen clear filter. Replace the allergen clear filter if it cannot be cleaned or if it has been for about 1

(The allergen clear filter should be replaced after about 1 year of use. However, the actual replacement period may vary depending on the conditions in which the filter

Remove the photocatalytic washable deodorizing filter (orange) from the filter holder and inspect the filter. Periodically, remove any dust or dirt from the photocatalytic washable deodorizing filter. If the photocatalytic washable deodorizing filter. ter is particularly dirt, it may be washed with water. However, the filter is fragile so be sure to wash it installed in the filter holder to avoid damaging it. After washing the filter, place it in sunlight to dry. Placing the filter in sunlight revitalizes the dec

(Do not dispose of the filter holders. They are reusable.)

4. Install the air-cleaning filter in the filter holders, and then install the filter



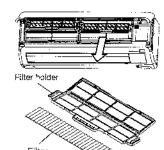
- · The allergen clear filter and the photocatalytic washable deodorizing filter may be installed on either the right or left side of the air-conditioner.

 Install the allergen clear filter with the light orange side front.
- 5. Install the air filters and closed the air inlet panel. Page 24

-△ CAUTION-

The heat exchanger may injure your fingers.

Item	Feature	Color
Allergen clear filter	The power of enzyme is used to eliminate allergy-causing allergens that accumulate on the filter.	Light orange
Photocatalytic washable deodorizing filter	Sources of odors on the filter are broken up, resulting in a deodorizing effect.	Orange



Proper installation

Suitable installation position

- Do not put any obstruction in front of the indoor unit, preventing proper ventilation and functioning.
- . Do not install the unit in any of the following places
- Where there is a danger of leaking flammable gases.
- · Where there is substantial splashing of oil.
- Malfunctioning due to corrosion may occur if the unit is installed in a spa where sulfide gases are generated, or in a seaside resort
 exposed to sea breezes. Contact your dealer.
- The air-conditioner and remote control must be at least 1 metre away from a TV set or radio.
- Drain the dehumidified liquid from the indoor unit into a spot that drains well.

Pay attention to operating noises!

- When you install the unit, take care to choose a place that can comfortably stand the weight of the unit and does not increase the
 operating noise or vibration. If vibration is transmitted through the house, fix the unit with the aid of vibration-proof pads between
 the unit and the fittings.
- Select a place where cold or hot air, operation noises from the indoor and outdoor units do not cause any inconvenience to your neighbours.
- Do not leave any obstacles near the outlet and inlet of the outdoor unit. This may cause malfunctioning and increased operating noise.
- If you hear an irregular noise during operation, contact your dealer.

Inspection and maintenance

Depending on operating environment, the inside of the air-conditioner may become dirty after a few year operations. This will reduce performance. In addition to normal cleaning, we would recommend inspection and maintenance. (This may lead the air-conditioner to having a longer life without any trouble.)

- · Contact your dealer, or any distributor, for inspection and maintenance. (There will be a charge for this service).
- We would recommend inspection and maintenance to be carried out during the off-season.
- If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required.

Troubleshooting

Please carry out the following checks before making a service call.

The air-conditioner does not work at all.

Has the power switch been turned off?



Has the timer been set in the "ON" position?



Is there a power failure or a blown fuse?



If the air-conditioner does not operate properly after you have checked the left points, or if any doubt still exists after you have consulted page 27, or if things happen as shown on page 28, switch off the power and contact your dealer.

Poor cooling or heating

Have you set the thermostat at a suitable temperature?

erae Is the air filter clean? (Not clouded?)



Did you leave any doors or



Poor cooling

Is there any direct sunlight entering the room?



Is there a heat source in the room?



Are there too many people in the room?



An alternative refrigerant (R410A) is used in this air-conditioner. When asking your dealer for service or inspection and maintenance, explain the dealer about it.

Notice

The unit does not restart immediately after you have stopped it.

(RUN light is on)



Restart is blocked for 3 minutes after you have stopped the operation to protect the unit.

Please wait for three minutes.



The three-minute protection timer in the microcomputer automatically starts it up again.

Airflow is not blown out when starting the HEATING operation.

BUN light blinks slowly (1.5 sec ON, 0.5 sec OFF)

Airflow has stopped to prevent blowing out of cold air until the indoor heat exchanger has warmed up. (2 to 5 min.) (HOT KEEP program)

Airflow is not blown out for 5 to 15 min. or blown out not warm wind for a moment at HEATING operation.

RUN light blinks slowly (1.5 sec ON, 0.5 sec OFF)

When outdoor temperature is low and humidity is high, the unit sometimes performs defrosting automatically. Please wait, During defrosting, water or steam may escape from the outdoor unit.

Airflow is not blown out when starting the DRY operation.

(RUN light is on)

The indoor fan may stop to prevent re-evaporation of dehumfied moisture and to save energy.

Some steam escapes during COOL operation.

This may occur if the room's temperature and humidity are very high. It disappears as soon as the temperature and humidity decrease.

You hear a slight gurgling sound.

There is a slight smell.



This is caused by refrigerating liquid moving within the unit.

tobacco or cosmetics adhering to the unit

Air blown out during operation may smell. This is caused by

You hear a slight cracking sound.

This is caused by heat expansion or contraction.

You hear a hissing or clicking sound.

After a power cut, the unit does not restart even if power has been restored.

In s is caused or electric comparison.

If the auto restart automatically, to automatically, to automatically.

This is caused by the operation of the refrigerant control valves or electric components.

If the auto restart function is not set, the unit will not restart automatically. Use the remote control to start the operation

Remote control signals are not received.

Remote control signals may not receiver on the air-conditioner is other bright light.

Remote control signals may not be received if the signal receiver on the air-conditioner is exposed to direct sunlight or other bright light.

If so, cut out the sunlight or reduce the other light.

Whistling noise is heard from the outdoor unit.

Moisture may form on the air outlet grills.

If the unit is operated for a long time in high humidity, moisture may form on the air outlet grills and start dripping.

The noise means that the revolution speed of the compressor is increasing or decreasing.

Fan will not stop immediately after unit operation was stopped.

Indoor fan : Fan will not stop after 2 hours if set to CLEAN operation.

Outdoor fan : Fan will not stop about a 1 minute period in order to protect the unit.

RUN light stays on even though operation was stopped.

The RUN light illuminates during CLEAN operation. Bun light turns off when CI EAN operation ends.

Sometimes a "Shooooo" sound might come for a short time from the unit that is turned off.

This is the sound when operation of another indoor unit is stopped.

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SUFFIX PAGE

Contact your dealer

■ Turn off the power switch immediately and inform your dealer in any of the following situations:

The fuse or switch blows continuously.



The cable becomes extremely hot. The covering of the cable is cracked.

_ △ CAUTION _ If the power cord becomes damaged, ask your dealer or a qualified engineer to install the replacement to avoid accidents.

The TV, radio or other equipment starts to malfunction.



A switch does not activate properly.

You hear a strange noise during



immediately and turn if on after 3 minutes. Restart the operation with ON/OFF button of the remote control and the abnormalities still continue.

When abnormalities occur, turn off the power supply The RUN and T!MER lights on the unit display section blink quickly (0.5 sec. ON; 0.5 sec. OFF) and do not work.

About the Multiple Air-conditioner

Simultaneous Operation

- . The air-conditioners cannot be in different operating modes at the same time, such as one unit being in the "Cool" mode and one unit being in the "Heat" mode.
- When conducting different operations, the air-conditioner that was operated first will be given priority, so the air-conditioner that is operated after that will conduct air blowing operation
- When you want to give priority to the air-conditioner that was started later, either stop the air-conditioner that has priority or cause the operation type of the unit operated first to match that of the unit operated second.
- When other indoor units are operating in different modes, the RUN light illuminates.

Automatic Operation

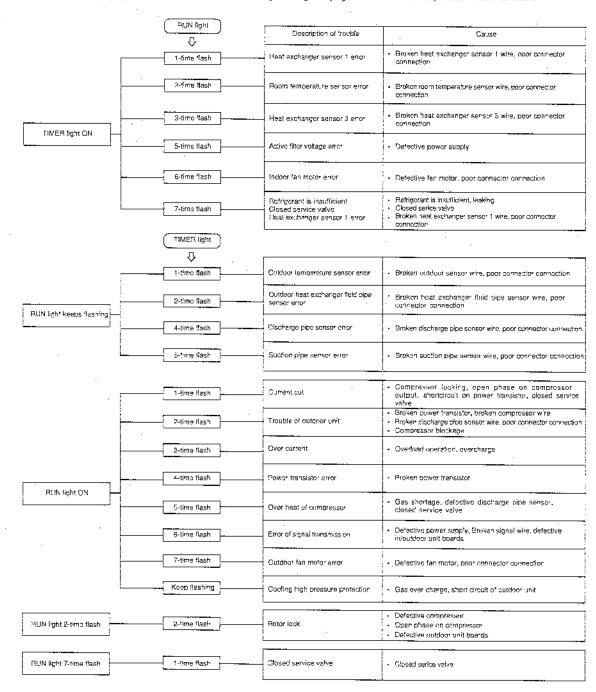
- When the remote control operation switch is in the "Auto" mode the air-conditioner automatically selects either "Cool," "Dry," or "Heat" when operation is started depending on the room temperature.
- During simultaneous operation of air-conditioner units, operation modes may be automatically changed in response to the temperatures of the individual rooms; this will result in the operation of the outdoor unit being stopped. In such a case, COOL or HEAT mode should be used instead of AUTO. (This is only relevant when more than one air-conditioner unit is being used.)

Refrigerant (oil) recovery operation

. If the all of the indoor units are not operated at the same time for an extended period, the cooling or heating performance may temporarily decrease. This is in order to control the recovery of the refrigerant (oil) in the stopped indoor unit(s). At this time, the sound of refrigerant flowing may be heard from the stopped indoor unit(s).

Self diagnosis function

■ We are constantly trying to do better service to our customers by installing such judges that show abnormality of each function as follows:

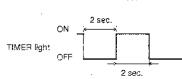


DRED

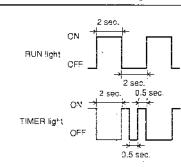
■ This air conditioner compiles with the DRED (Demand Response Enabling Devices) standard AS/NZS4755.3.1 and supports demand response modes 1, 2, and 3 (DRM1, 2, and 3). Since the air conditioner limits the electric power or energy by receiving the DRED input signal, the sense of cooling operation or heating operation may deteriorate over time. The outdoor unit of this air conditioner is equipped with a terminal block for DRED input and supports ELV (Extra-Low Voltage) complying with AS/NZS60335.1.

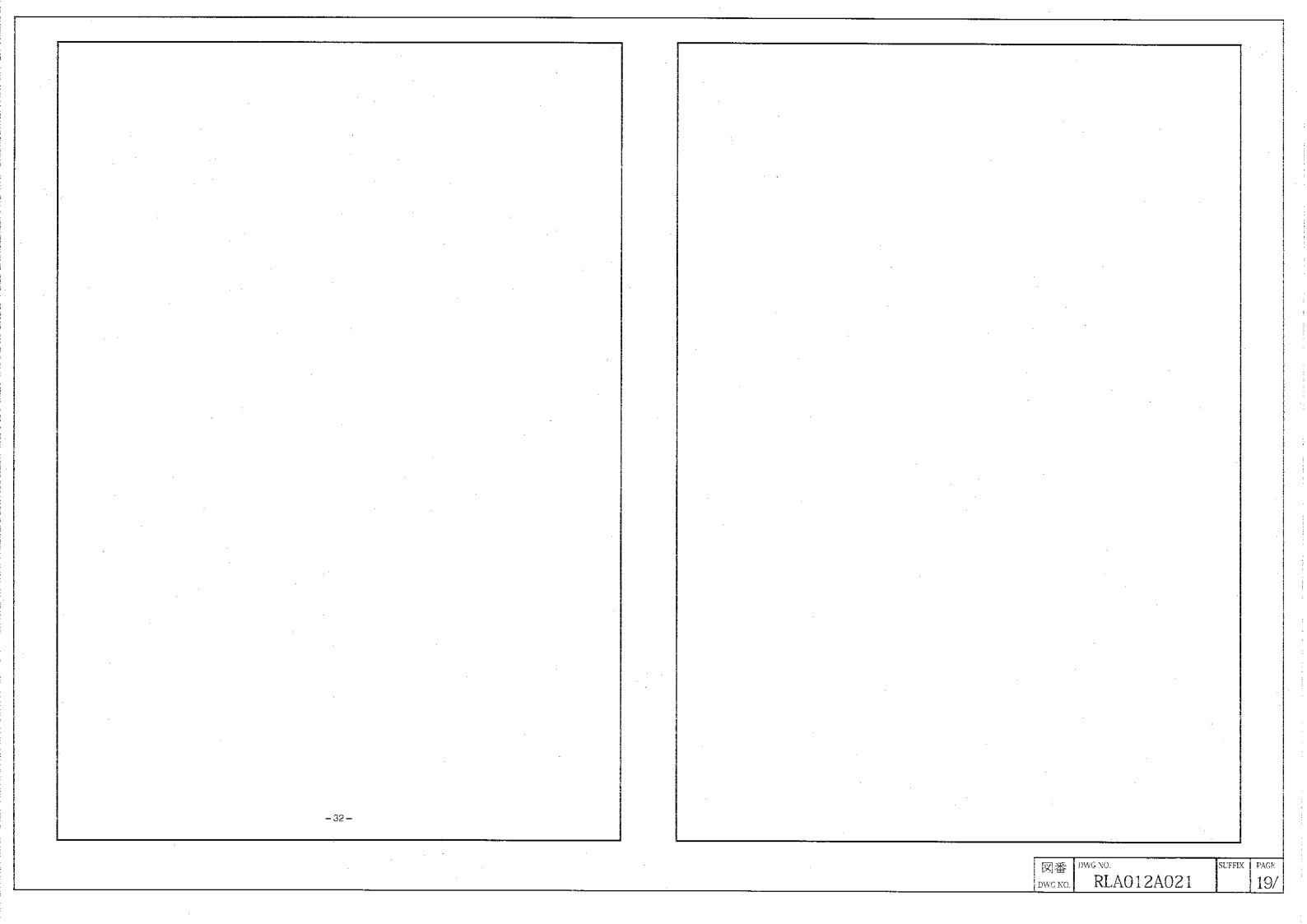
Under DRED mode, RUN light and TIMER light falink alternately as shown. When the Defrost function becomes effective during DRED operation, the TIMER light blinks quickly.

Display in DRED mode



Display in DRED mode during Defrost operation







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