OPERATING MANUAL



UTY-RNNYM

OPERATING MANUAL

CONTENTS

SAFETY PRECAUTIONS	. 1
NAME OF PARTS	. 2
PREPARATORY OPERATION	. 3
OPERATION	. 4
TIMER FUNCTIONS	. 6
ON/OFF TIMER	. 6
WEEKLY TIMER	. 7

TEMPERATURE SET BACK TIMER	9
ADJUSTING THE DIRECTION OF AIR CIRCULATION	l10
FILTER LAMP RESET	10
ERROR CODE DISPLAY	10
OPERATING TIPS	11
TROUBLESHOOTING	12

SAFETY PRECAUTIONS

- Before using the appliance, read these "SAFETY PRECAUTIONS" thoroughly and operate in the correct way.
- The instructions in this section all relate to safety; be sure to maintain safe operating conditions.
- "WARNING" and "CAUTION" have the following meanings in these instructions:

WARNING This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.

- Do not attempt to install this controller by yourself.
- This controller contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- When moving, consult authorized service personnel for disconnection and installation of the controller.
- If a problem (burning smell, etc.) occurs, turn off the electrical breaker immediately to stop operation, and then consult authorized service personnel.

CAUTIONThis mark indicates procedures which, if improperly performed, might possibly result in
personal harm to the user or damage to property.

- Do not expose the controller directly to water.
- Do not operate the controller with wet hands.
- Do not touch the switches with sharp objects.
- Always turn off the electrical breaker whenever cleaning the air conditioner or changing the air filter.
- Check the condition of the installation stand for damage.
- Ensure that any electronic equipment is at least 1 m away from the controller.
- Avoid installing the controller near a fireplace or other heating apparatus.
- When installing the controller, take precautions to prevent access by infants.
- Do not use inflammable gases near the controller.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

NAME OF PARTS

• With cover open



Depending on the indoor unit model, some buttons on this remote controller cannot be used and some functions are restricted. Refer to the operation manual on the indoor unit.

PREPARATORY OPERATION



OPERATION

Instructions relating to heating are applicable only to "HEAT & COOL MODEL" (Reverse Cycle).

Preset values are displayed when the "⊗≋0○ MODE" button, the "SET TEMP. ⁽V" button or "SET TEMP. ⁽N" button, the "SET TEMP. ⁽N" button, the "SET TEMP.



OPERATION

Room temperature sensor selection



Press the "ECONOMY / THERMO SENSOR" button for more than 2 seconds to select whether the room temperature is detected at the indoor unit (remote sensor) or the remote controller.

When the 🔁 thermo sensor display appears, the room temperature is detected at the remote controller.



I NOTES

- This function is locked at the factory.
- If this function is locked, the location where the room temperature is detected cannot be changed and the one mark flashes when the ECONOMY button is pushed for 2 seconds or more. In order to detect the room temperature correctly, consult authorized service personnel when using this function.

Child lock function		
TIMER MODE DAY CLOCK ADJUST DAY OFF SET BACK DAY OFF DAY OFF DAY OFF TIMER DELETE TIMER SET CLOCK ADJUST	Press the DAY (DAY OFF) button and TIMER SET button simultaneously for 2 seconds or more to activate the child lock function and lock all buttons on the remote controller. Press the buttons again for 2 seconds or more to deactivate the child lock function. When the child lock function is activated, the Orn mark appears. If any button is pressed during the child lock, the CL display and Orn flash.	

TIMER FUNCTIONS



OFF timer (See page 6.)

Use this timer function to stop air conditioner operation. The timer operates and air conditioner operation stops after the set time has passed. The timer can be set up to 24 hours in advance.



ON timer (See page 6.)

Use this timer function to start air conditioner operation. The timer operates and air condition operation starts after the set time has passed. The timer can be set up to 24 hours in advance.



WEEKLY timer (See page 7.)

Use this timer function to set operating times for each day of the week. Use the DAY OFF setting to switch off timed operation for a selected day in the coming week. Because all days can be set together, the weekly timer can be used to repeat the timer settings for all of the days.



Temperature SET BACK timer (See page 9.)

Use this timer function to change the set temperature in the operation times set for each day of the week. This can be used together with other timer settings.

ON/OFF TIMER



WEEKLY TIMER



I NOTES

- The operating time can be set in 30-minute increments only.
- The OFF time can be carried over to the next day.
- The ON timer and the OFF timer functions cannot be set using the weekly timer. Both an ON and OFF time must be set.

WEEKLY TIMER



I NOTES

- The DAY OFF setting is only available for days for which weekly settings already exist.
- If the operating time carries over to the next day (during a next day setting), the effective DAY OFF range will be set as shown below.



The DAY OFF setting can only be set one time. The DAY OFF setting is cancelled automatically after the set day has passed.

TEMPERATURE SET BACK TIMER



- The SET BACK timer only changes the set temperature, it cannot be used to start or stop air conditioner operation.
- The SET BACK timer can be set to operate up to 2 times per day but only one temperature setting can be used.
- The SET BACK timer can be used together with the ON, OFF, and weekly timer functions.
- The SET BACK operating time is displayed only in the SET BACK confirmation display. (Refer to step 1 for the SET BACK confirmation display.)

ADJUSTING THE DIRECTION OF AIR CIRCULATION

Instructions relating to heating are applicable only to "HEAT & COOL MODEL" (Reverse Cycle). Start air conditioner operation before performing this procedure.

To set the operation mode

• Vertical air direction adjustment (Swing operation)



* Press the START/STOP button to start the air conditioner, and then proceed as follows.

Press the " \Rightarrow / ζ " button to adjust the direction of the vertical airflow. To set the swing operation, press the " \Rightarrow / ζ " button for more than 2 seconds. (Stop the setting by pressing for more than 2 seconds again.)

* Press the START/STOP button to start the air conditioner, and then proceed as follows.

Press the " $4^{\text{M}}/\bigcirc$ " button to adjust the direction of the horizontal airflow. To set the swing operation, press the " $4^{\text{M}}/\bigcirc$ " button for more than 2 seconds. (Stop the setting by pressing for more than 2 seconds again.)

ex. Horizontal swing operation

23

 Each time the button is pressed, the airflow direction setting changes as shown in MANUAL OPERATION which is included in IN-DOOR UNIT.

I NOTES

- When using the air conditioner in a room with infants, small children, or elderly or sick persons, the airflow direction and room temperature should be considered carefully when making the settings.
- The swing operation is not available depending on the model. Please refer to the MANUAL OPERATION for the INDOOR UNIT.

FILTER LAMP RESET

Some indoor unit models are equipped with a filter lamp in the indoor unit display to indicate when it is time to clean the air filters.



As the factory setting, Filter Sign is not displayed.

ERROR CODE DISPLAY

This appears automatically on the display if an error occurs.



OPERATING TIPS

Instructions relating to heating are applicable only to "HEAT & COOL MODEL" (Reverse Cycle).

To set the operation mode

- At the maximum output, ECONOMY OPERATION is approximately 70% of normal air conditioner operation for cooling and heating. (Single-type)
- At the maximum output, ECONOMY OPERATION (All indoor unit) is approximately 70% of normal air conditioner operation for cooling and heating. (Multi-type)
- During ECONOMY OPERATION, the thermostat setting automatically changes according to the temperature to avoid Unnecessary cooling and heating for the most economical operation.
- If the room is not cooled (or heated) well during economy operation, select normal operation.
- During the monitor period in the AUTO mode, the air conditioner operation will not change to ECONOMY OPERATION even if ECONOMY OPERATION is selected by pressing the ECONOMY button.

Defrosting (for heating)

When the outdoor temperature is low and the humidity high, frost will collect on the outdoor unit, reducing heater efficiency. When this happens, the computer will automatically start the defrost cycle. During the defrost cycle, the indoor fan will shutdown and view will be displayed on the remote controller. It will take anywhere from 4 to 15 minutes before the air conditioner starts up again.

Group Control

One remote controller can control up to 16 air conditioners. All of the air conditioners will be operated with the same settings. Group control cannot be used when using it by the multi type.

Dual Remote Controllers (optional)

An additional remove controller can be added up to the maximum of 2 remote controllers. Either remote controller can control the air conditioner. However, the timer functions cannot be used at the slave unit.

Simultaneous Use of Multiple Units

Instructions relating to inverter (*) are applicable only to "INVERTER MODEL".

 Operation cannot be done in the following different operating modes.

If the indoor unit is instructed to do an operating mode that it cannot perform, will be shown on the remote controller display and the unit will go into the standby mode. Heating mode and cooling mode (or dry mode) Heating mode and fan mode

The operating mode (heating mode or cooling (dry) mode) of the outdoor unit will be determined by the operating mode of the indoor unit that was operated first. If the indoor unit was started in fan mode, the operating mode of the outdoor unit will not be determined.

For example, if indoor unit (A) was started in fan mode and then indoor unit (B) was then operated in heating mode, indoor unit (A) would temporarily start operation in fan mode but when indoor unit (B) started operating in heating mode, will be shown on the remote controller display and it would go into standby mode. Indoor unit (B) would continue to operate in heating mode.

Oil Recovery (for heating)

During the Oil recovery cycle, the indoor fan will shutdown and will be displayed on the remote controller. It will take Max. 5 minutes before the air conditioner starts up again. (Multi-type)

TROUBLESHOOTING

Instructions relating to heating are applicable only to "HEAT & COOL MODEL" (Reverse Cycle).

- In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker and consult authorized service personnel.
- Merely turning off the unit's power switch will not completely disconnect the unit from the power source.
- Always be sure to turn off the electrical breaker to ensure that power is completely off.

Before requesting service, perform the following checks:

	Symptom	Problem	See Page
NORMAL FUNCTION	Airflow is stopped:	 During Heating operation, the unit will temporarily stop operation (be- tween 4 and 15 minutes) as the Automatic Defrosting mode operates. During the Automatic Defrosting operation, will be shown on the remote controller display. 	11
		● In case of Multi-type unit, during Heating operation, the unit will temporary stop operation (Max. 5 minutes) as the Automatic Oil Recovery mode operations. During the Automatic Oil Recovery operation,	11
		 In case of Multi-type unit, if multiple units are operated in different operation modes as shown below, the units operated afterward will stop and vite will be shown on the remote controller display of the stopped indoor units. Heating mode and cooling mode (or dry mode) Heating mode and fan mode 	11
	thermo sensor display on the remote controller is flashing:	 The room temperature sensor may be malfunctioning. Please consult authorized service personnel. 	_

If the problem persists after performing these checks, or if you notice burning smells, stop operation immediately, turn off the electrical breaker, and consult with authorized service personnel.