

**OPERATING MANUAL
BEDIENUNGSANLEITUNG
MODE D'EMPLOI
MANUAL DE FUNCIONAMIENTO
MANUALE DI ISTRUZIONI
ΕΓΧΕΙΡΙΔΙΟ ΛΕΙΤΟΥΡΓΙΑΣ
РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
MANUAL DE INSTRUÇÕES**

English

Deutsch

Français

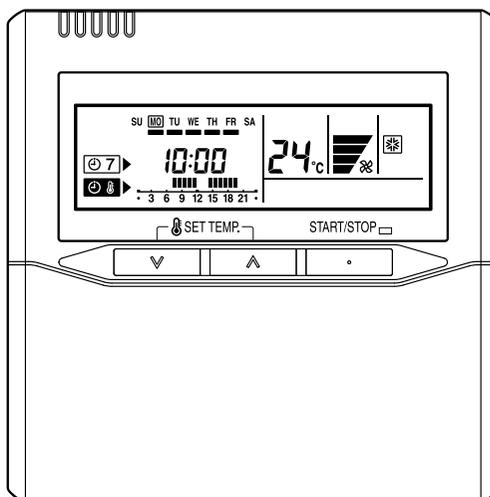
Español

Italiano

Ελληνικά

Русский

Português



KEEP THIS MANUAL FOR FUTURE REFERENCE

BEWAHREN SIE DIESES HANDBUCH ZUM SPÄTEREN NACHSCHLAGEN AUF

CONSERVEZ CE MANUEL POUR RÉFÉRENCE ULTÉRIEURE

CONSERVE ESTE MANUAL PARA SU FUTURA CONSULTA

CONSERVARE IL PRESENTE MANUALE PER FUTURE CONSULTAZIONI

ΦΥΛΑΞΤΕ ΤΟ ΕΓΧΕΙΡΙΔΙΟ ΓΙΑ ΜΕΛΛΟΝΤΙΚΗ ΑΝΑΦΟΡΑ

СОХРАНИТЕ ДАННОЕ РУКОВОДСТВО ДЛЯ СПРАВOK В БУДУЩЕМ

GUARDE ESTE MANUAL PARA REFERÊNCIA FUTURA

P/N9373329060

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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.
- "DANGER", "WARNING" and "CAUTION" have the following meanings in these instructions:

 WARNING!	This mark indicates procedures which, if improperly performed, could lead to the death or serious injury of the user.
 CAUTION!	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

WARNING!

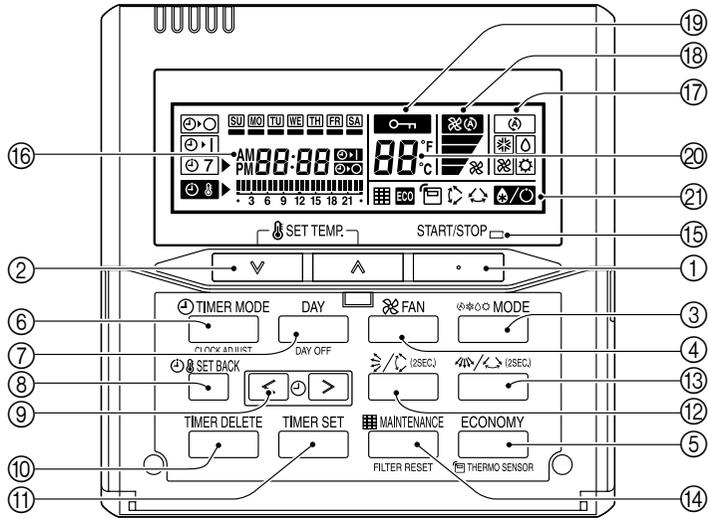
- Do not attempt to install this controller by yourself.
- This controller contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- When moving, consult authorized service personnel for disconnection and installation of the controller.
- If a problem (burning smell,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

CAUTION!

- 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 one metre 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.

NAME OF PARTS

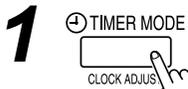
Remote controller



- | | |
|---|---|
| ① Start/Stop Button | ⑬ Horizontal Airflow Direction and Swing Button |
| ② Set Temperature Button | ⑭ Filter Button |
| ③ Master Control Button | ⑮ Operation Lamp |
| ④ Fan Control Button | ⑯ Temperature Display |
| ⑤ Economy Button | ⑰ Function Display |
| ⑥ Timer Mode (CLOCK ADJUST) Button | ❄️/🔌 Defrost Display |
| ⑦ DAY (DAY OFF) Button | 📄 Thermo Sensor Display |
| ⑧ SET BACK Button | ECO Economy Display |
| ⑨ Set Time Button | ↕️ Vertical Swing Display |
| ⑩ DELETE Button | ↔️ Horizontal Swing Display |
| ⑪ SET Button | 📊 Filter Display |
| ⑫ Vertical Airflow Direction and Swing Button | |

PREPARATORY OPERATION

Set the current day and time



Press the timer mode (CLOCK ADJUST) button for 2 seconds or more. The time display on the remote controller will flash.

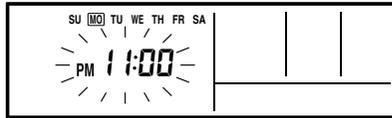
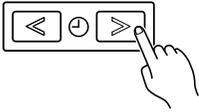


Press the DAY button and select the current day. A  appears around the selected day.



3

Press the set time buttons to set the current time. Press repeatedly to adjust the current time in 1-minute increments. Press and hold to adjust the current time in 10-minute increments.



ex. Monday PM11:00

4  SET BACK



Press the SET BACK button to switch between the 12- and 24-hour time displays.



5  TIMER MODE
CLOCK ADJUST

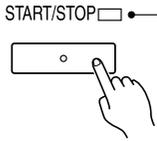


Press again to end.

OPERATION

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

To start/stop operation



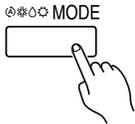
Press the start/stop button.

Operation lamp

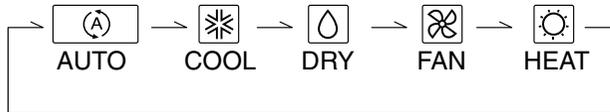
Air conditioner ON: Lit brightly
Air conditioner OFF: Not lit

To set the operation mode

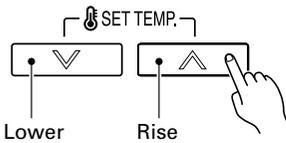
● Operation mode setting



Press the master control button to set the operation mode.
If DRY is selected, the fan speed will be set to AUTO.



● Room temperature setting



Press the set temperature buttons to set the room temperature.

Temperature setting range

AUTO	18 to 30 °C
COOL/DRY	18 to 30 °C
HEAT	16 to 30 °C

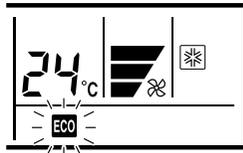
● Fan speed setting



Press the fan control button to set the fan speed.



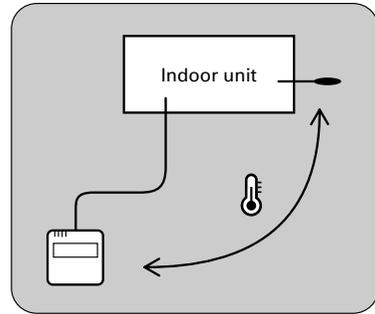
ECONOMY OPERATION



Press the ECONOMY button to start or stop ECONOMY OPERATION.
For details on the function, refer to page 10.

OPERATION

Room temperature sensor selection



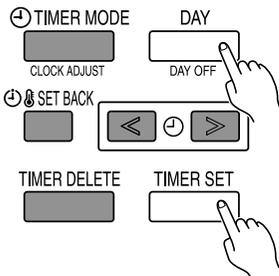
Press the ECONOMY button for more than 2 seconds to select whether the room temperature is detected at the indoor unit (remote sensor) or the remote controller.

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

i NOTES

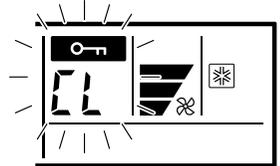
- This function is locked at the factory. In order to detect the room temperature correctly, consult authorized service personnel when using this function.
- If this function is locked, the location where the room temperature is detected cannot be changed and the  mark flashes when the ECONOMY button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

Child lock function



Press the DAY (DAY OFF) button and 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  mark appears. If any button is pressed during the child lock, the **CL** display and  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.

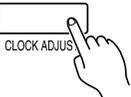
ON/OFF TIMER

To set the ON/OFF timer

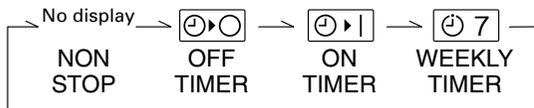
1

TIMER MODE

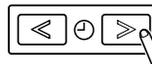
CLOCK ADJUST



Press the timer mode button to select the ON timer or OFF timer.



2



From 1 to 24 hours

ex. OFF timer set for 6 hours

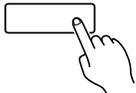
Press the set time buttons to set the time.

After the time is set, the timer will start automatically.

The amount of time until the OFF timer operates that is displayed on the timer display decreases as time passes.

● To cancel

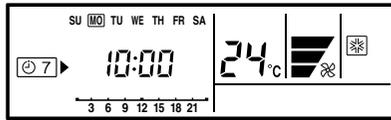
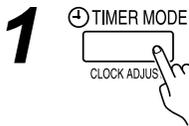
TIMER DELETE



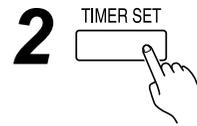
- Press the DELETE button to cancel the timer mode.
- The timer mode can also be canceled by changing the timer mode using the timer mode button.

WEEKLY TIMER

Weekly timer setting

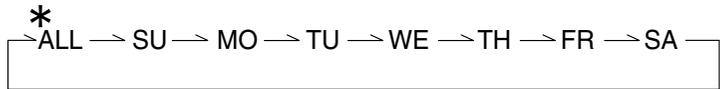
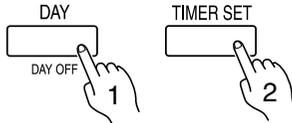


Press the timer mode button to select the weekly timer.



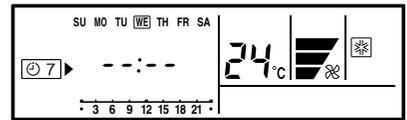
Press the SET button for 2 seconds or more.

3 ● Day of the week setting

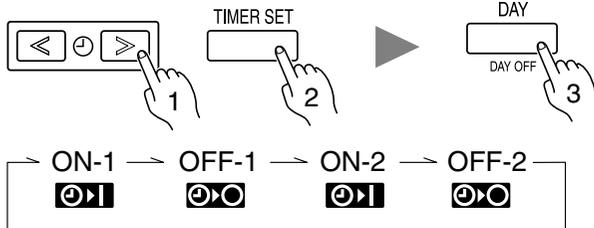


Press the DAY button to select the day of the week, and then press the SET button to confirm the setting.

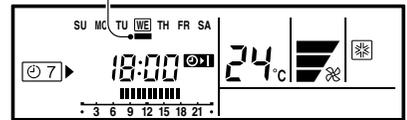
* For ALL, all of the days can be set together when a appears around each day.



4 ● Time setting

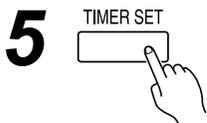


When the operating time is set, the  mark appears.



ex. The timer is set for 7:00-18:00.

Press the set time buttons to set the time, and then press the SET button to confirm the setting and proceed to the next ON or OFF time setting. Up to two ON and OFF times can be set per day. Press the DAY button to complete the time setting and return to the day of the week setting.



Repeat steps **3** and **4**. To complete the weekly timer settings, press the SET button for 2 seconds or more.

● To delete the operating time



If the DELETE button is pressed during steps **3** or **4**, the operating time for the selected day will be deleted. If all the days are selected, the operating times for all of the days will be deleted.

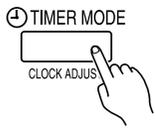
NOTES

- 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.

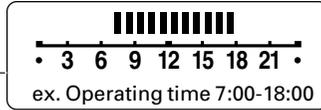
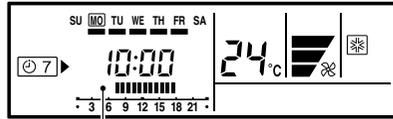
WEEKLY TIMER

WEEKLY timer operation

● To start



When the weekly timer is selected, the timer starts automatically.



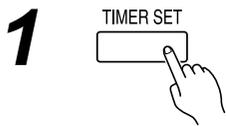
The operating time for the current day is displayed.

● To cancel

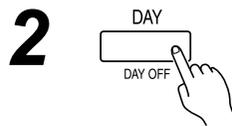


- Press the DELETE button to cancel the timer mode.
- The timer mode can also be canceled by changing the timer mode using the timer mode button.

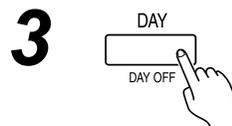
To set the DAY OFF (for a holiday)



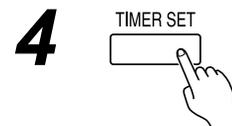
During the weekly timer, press the SET button for 2 seconds or more to set the day.



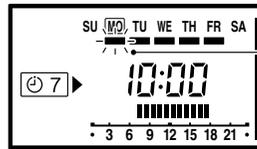
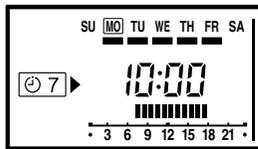
Select the day to set the DAY OFF.



Press the DAY (DAY OFF) button for 2 seconds or more to set the DAY OFF.



Press the SET button for 2 seconds or more to complete the DAY OFF setting.



The mark flashes under a day of the week.

ex. The DAY OFF is set for Monday.

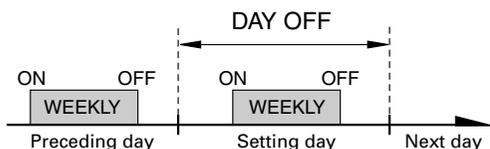
● To cancel

Follow the same procedures as those for setup.

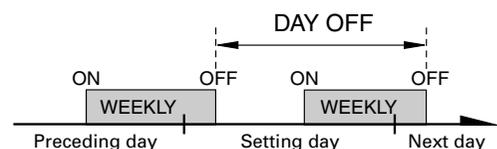
i NOTES

- 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.

● Normal



● Next day setting

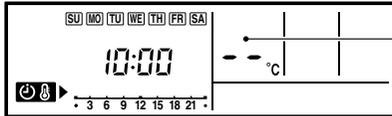


- The DAY OFF setting can only be set one time. The DAY OFF setting is cancelled automatically after the set day has passed.

TEMPERATURE SET BACK TIMER

Temperature SET BACK timer setting

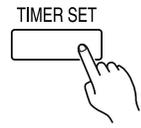
1



If there is no existing SET BACK temperature setting, "--" will be displayed for the temperature.

Press the SET BACK button to change to the SET BACK confirmation display. The SET BACK operating time and the set temperature will be displayed.

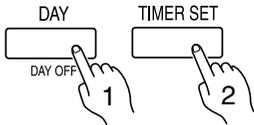
2



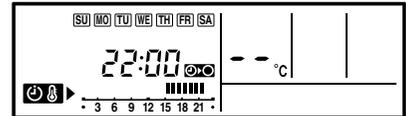
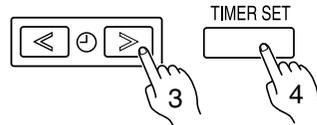
Press the SET button for 2 seconds or more.

3

● Day setting



● Operating time setting

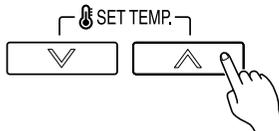


ex. When setting all days together

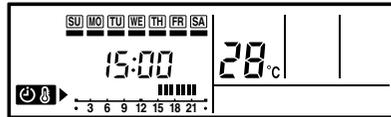
Follow the same procedures to set the operating time as those for the weekly timer. The DELETE button is also used as described in the procedures for the weekly timer.

4

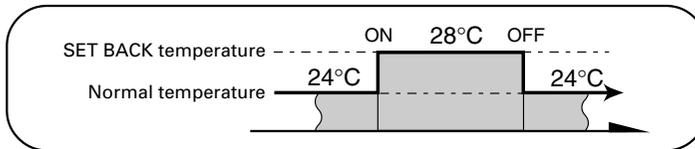
● Temperature setting



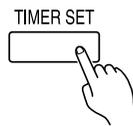
Press the set temperature buttons to set the temperature. (The temperature setting range is the same as the range for the operation mode.)



ex. Operating time 15:00-22:00



5

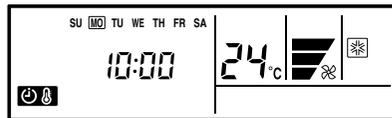


Repeat steps 3 and 4.

Press the SET button for 2 seconds or more to complete the temperature SET BACK timer settings.

Temperature SET BACK timer operation

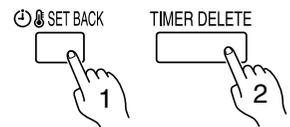
● To start



ex. Display during SET BACK timer operation
(The operating time will not be displayed.)

Press the SET BACK button. The SET BACK confirmation display appears for 5 seconds, and then the timer starts automatically.

● To cancel



Press the SET BACK button, and then press the DELETE button while the SET BACK confirmation display is displayed. Even if the SET BACK button is pressed again, the SET BACK timer will be cancelled.

NOTES

- 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 two 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.)

OPERATING TIPS

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

About ECONOMY OPERATION

At the maximum output, ECONOMY OPERATION is approximately 70% of normal air conditioner operation for cooling and heating.

When ECONOMY OPERATION is performed during the cooling mode, dehumidification is improved. This function is especially convenient when you want to remove the humidity in the room without significantly lowering the room temperature.

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 shut-down and  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.

Dual Remote Controllers (optional)

An additional remote controller can be added up to the maximum of two 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".

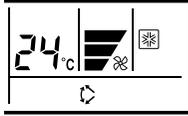
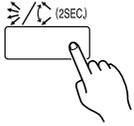
- ✦ ● Operation cannot be done in the following different operating modes.
If the indoor unit is instructed to do an operating mode that it cannot perform,  will be shown on the remote controller display and the unit will go into the standby mode.
Heating mode and cooling mode (or dry mode)
Heating mode 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.

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)

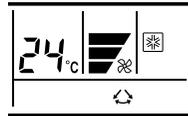


ex. Vertical swing operation

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

Press the VERTICAL AIRFLOW DIRECTION and SWING button to adjust the direction of the vertical airflow. To set the swing operation, press the VERTICAL AIRFLOW DIRECTION and SWING button for more than 2 seconds. (Stop the setting by pressing for more than 2 seconds again.)

● Horizontal air direction adjustment (Swing operation)



ex. Horizontal swing operation

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

Press the HORIZONTAL AIRFLOW DIRECTION and SWING button to adjust the direction of the horizontal airflow. To set the swing operation, press the HORIZONTAL AIRFLOW DIRECTION and SWING button for more than 2 seconds. (Stop the setting by pressing for more than 2 seconds again.)

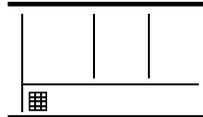
- Each time the button is pressed, the airflow direction setting changes as shown in MANUAL OPERATION which is included in INDOOR UNIT.

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 operating manual for the indoor unit.

FILTER LAMP RESET

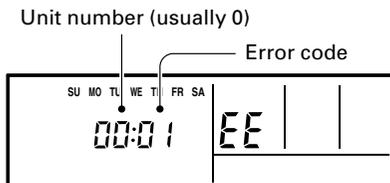
Some indoor unit models are equipped with a filter lamp in the indoor unit display to indicate when it is time to clean the air filters.



Press the Filter button for 2 seconds or more. The indoor unit filter lamp will go off and the filter display will disappear.

SELF-DIAGNOSIS

When "EE" in Temperature Display is displayed, inspection of the air conditioning system is necessary. Please consult authorized service personnel.



ex. Self-diagnosis check

TROUBLESHOOTING

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

WARNING!

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	Air flow is stopped:	<ul style="list-style-type: none"> ● During Heating operation, the unit will temporarily stop operation (between 4 and 15 minutes) as the Automatic Defrosting mode operates. During the Automatic Defrosting operation,  will be shown on the remote controller display. 	10
		<ul style="list-style-type: none"> ● 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  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 	10
	 thermo sensor display on the remote controller is flashing:	<ul style="list-style-type: none"> ● 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.

