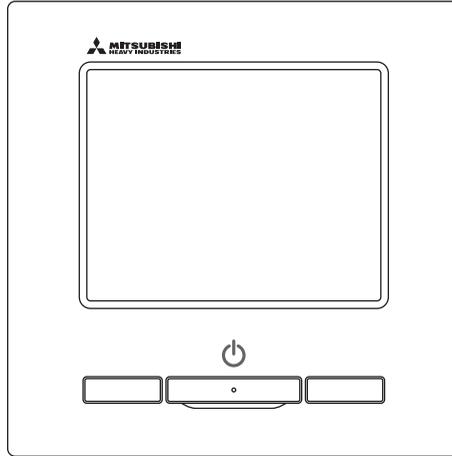


# REMOTE CONTROL RC-EX3D

## QUICK REFERENCE

Quick reference **ENGLISH**Kurzanleitung **DEUTSCH**Aide-mémoire **FRANÇAIS**Consulta rápida **ESPAÑOL**Guida rapida di riferimento **ITALIANO**Beknopte handleiding **NEDERLANDS**Hızlı referans **TÜRKÇE**Guia de referência rápida **PORTUGUÊS**Skrócona instrukcja obsługi **POLSKI**

This product complies with following directives/regulations

EU	GB
MD 2006 / 42 / EC	SMR S.I. 2008 / 1597
LVD 2014 / 35 / EU	EER S.I. 2016 / 1101
EMC 2014 / 30 / EU	EMC S.I. 2016 / 1091
RoHS 2011 / 65 / EU	RoHS S.I. 2012 / 3032
Ecodesign 2009 / 125 / EC	Ecodesign S.I. 2020 / 1528

CE and UKCA marking is applicable to the area of 50 Hz power supply

Ce climatiseur est conforme aux directives suivantes :

Machinerie	2006 / 42 / EC
Basse tension	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU
Conception écologique	2009 / 125 / EC

Le marquage CE est applicable dans les zones d'alimentation électrique de 50 Hz.

Este aire acondicionado cumple con las siguientes directrices.

Maquinaria	2006 / 42 / EC
Bajo voltaje	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU
Ecodiseño	2009 / 125 / EC

La marca CE corresponde al área de suministro de energía de 50 Hz.

Questo condizionatore è conforme alle seguenti norme:

Macchine	2006 / 42 / EC
Bassa tensione	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU

Ecoprogettazione 2009 / 125 / EC  
La marcatura CE è applicabile all'area di alimentazione elettrica di 50Hz.

Deze airconditioner voldoet aan de volgende richtlijn.

Machinerie	2006 / 42 / EC
Lage spanning	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU
Ecodesign	2009 / 125 / EC

CE-markering is van toepassing op het gebied met een netstroom van 50 Hz.

Bu klima aşağıdaki yönerge ile uyumludur.

Makine	2006 / 42 / EC
Alçak gerilim	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU
Çevreci tasarım	2009 / 125 / EC

CE 50Hz güç kaynağının alanı için de geçerlidir.

Diese Klimaanlage entspricht den folgenden Richtlinien.

Maschinen	2006 / 42 / EC
Niederspannung	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU
Ecodesign	2009 / 125 / EC

CE Herstellung ist in Bereich mit 50 Hz Stromversorgung anwendbar.

Este ar condicionado respeita as seguintes directivas.

Maquinário	2006 / 42 / EC
Baixa Voltagem	2014 / 35 / EU
EMC	2014 / 30 / EU
RoHS	2011 / 65 / EU
Ecodesign	2009 / 125 / EC

Tomada CE é aplicável a área da fonte de alimentação 50Hz.

Данный кондиционер удовлетворяет нормам следующих директив: по машинному оборудованию 2006 / 42 / EC

по низковольтному оборудованию 2014 / 35 / EU

EMC 2014 / 30 / EU

RoHS 2011 / 65 / EU

Ecodesign 2009 / 125 / EC

Маркировка CE применима к регионам с энергоснабжением с частотой 50 Гц.

Ten klimatyzator spełnia wymogi niżej wymienionej dyrektywy. Maszynowa 2006 / 42 / EC Niskonapięciowa

2014 / 35 / EU

EMC 2014 / 30 / EU

RoHS 2011 / 65 / EU

Dot. ekoprojektu 2009 / 125 / EC

Znakowanie CE ma zastosowanie do obszaru prądu zasilającego 50 Hz

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# OPERATION

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Refer to the “User's manual” on the following web site for details.

[http://www.mhi-mth.co.jp/en/products/detail/air-conditioner\\_users\\_manual.html](http://www.mhi-mth.co.jp/en/products/detail/air-conditioner_users_manual.html)

## Contents

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# 1. Safety precautions

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- Please read the precautions written here carefully to operate the unit properly.  
You are required to observe these fully because every item of these instructions is important for safety.

 <b>WARNING</b>	Failure to follow these instructions may result in serious consequences such as death, severe injury, etc.
 <b>CAUTION</b>	Failure to follow these instructions may cause injury, property damage or, serious consequences depending on.

- The following pictograms are used in the text.

	Never do.		Always follow the instructions given.
	Absolutely keep water away.		Absolutely keep wet hands away.

- Keep this manual at a safe place where you can consult with whenever necessary. Show this manual to installers when moving or repairing the unit. When the ownership of the unit is transferred, this manual should be given to a new owner.

- **Electrical wiring work must be implemented only by qualified specialists.**

## WARNING



### **Consult your dealer or a professional contractor to install the unit.**

Improper installation made on your own may cause electric shocks, fire or dropping of the unit.



### **Consult your dealer when moving, disassembling or repairing the unit. Never modify the unit.**

Improper handling may result in injury, electric shocks, fire, etc.



### **Avoid using combustible substances (hair spray, insecticide, etc) near the unit.**

### **Do not use benzene or paint thinner to clean the unit.**

It could cause cracks, electric shocks or fire.



### **Stop operation under abnormal situation.**

If continued, it could result in break-down, electric shocks, fire, etc.

If any abnormal condition (burnt odor etc.) occurs, stop operation, turn off the power switch and consult your dealer.

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 CAUTION



**Do not use or let use the unit or remote control as play equipment.**

Improper operations could cause ill health or health disorder.



**Never disassemble the remote control.**

If you touch internal parts accidentally, you could get electric shocks or cause trouble. Consult your dealer when it is necessary to inspect its interior.



**Do not wash the remote control with water or liquid.**

It could cause electric shocks, fire or break-down.



**Do not touch electric parts or operate buttons or screens with wet hands.**

It could cause electric shocks, fire or break-down.



**Do not dispose the remote control by yourself.**

It could destruct the environment. Ask your dealer when it is necessary to dispose the remote control.

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Note



**The remote control should not be installed where it is exposed to direct sunlight or the ambient temperatures become higher than 40°C or lower than 0°C.**

It could cause deformation, discoloration or break-down.



**Do not use benzene, paint thinner, wipes etc. to clean the remote control.**

It could discolor or break-down the remote control. Wipe it with a piece of cloth which is squeezed tightly after wetting with diluted neutral detergent. Finish up the cleaning by wiping with a piece of dry cloth.



**Do not pull or twist the cable of the remote control.**

It could cause break-down.



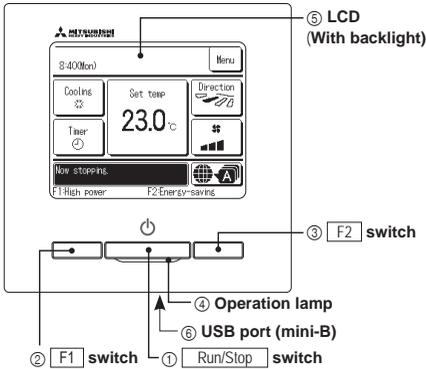
**Do not tap the remote control buttons or screen with pointed objects.**

It could damage or cause break-down.

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## 2. Functions and menu items of the remote control

### Names and functions of sections on the R/C (Operating section)



#### ① Run/Stop switch

One push on the button starts operation and another push stops operation.

#### ② F1 switch ③ F2 switch

This switch starts operation that is set in F1/F2 function setting.

#### ④ Operation lamp

This lamp lights in green (yellow-green) during operation. It changes to red (orange) if any error occurs. Operation lamp luminance can be changed.

#### ⑤ LCD (With backlight)

A tap on the LCD lights the backlight. The backlight turns off automatically

if there is no operation for certain period of time.  
Lighting period of the backlight lighting can be changed.  
If the backlight is ON setting, when the screen is tapped while the backlight is turned off, the backlight only is turned on. (Operations with switches ①, ② and ③ are excluded.)

#### ⑥ USB port

USB connector (mini-B) allows connecting to a personal computer. For operating methods, refer to the instruction manual attached to the software for personal computer (remote control utility software).

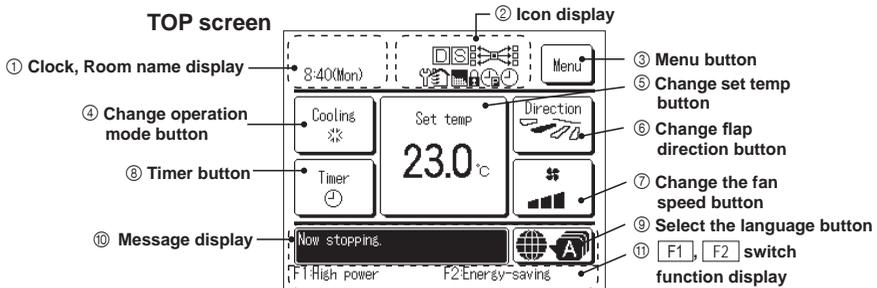
#### Note

- When connecting to a personal computer, do not connect simultaneously with other USB devices. Please be sure to connect to the computer directly, without going through a hub, etc.

Touch panel system, which is operated by tapping the LCD screen with a finger, is employed for any operations other than the ① Run/Stop, ② F1 ③ F2 switches.

### Names and functions of sections on the R/C (Display)

\*All icons are shown for the sake of explanation.



#### ① Clock, Room name display

Displays the current time and the room name.

#### ② Icon display

Each icon is displayed when one of following settings is going on.

When the demand control is effective.

When setting is made from the sub R/C.

When the central control (Optional) is running.

When the periodical inspection is necessary.

During the ventilation operation.

When "filter sign" is up.

When the Permission/Prohibition setting is made.

When the peak-cut timer is set.

When the weekly timer is set.

#### ③ Menu button

When setting or changing other than the following ④-⑧, tap the menu button. Then menu items are displayed, select one and set.

#### ④ Change operation mode button

Displays the operation mode which is selected currently. Tap this button to change the operation mode.

#### ⑤ Change set temp button

Displays the temperature which is set currently. Tap this button to change the set temperature.

#### ⑥ Change flap direction button

Displays the flap direction which is selected currently. When the 3D auto flow operation is enabled, 3D auto display will appear. Tap this button to change the flap direction.

#### ⑦ Change the fan speed button

Displays the fan speed which is selected currently. Tap this button to change the fan speed.

#### ⑧ Timer button

Displays simplified contents of the timer which is set currently. (When two or more timers are set, contents of the timer which will be operated immediately after is displayed.) Tap this button to set the timer.

#### ⑨ Select the language button

Select a language to be displayed on the R/C.

#### ⑩ Message display

Status of air conditioner operation and messages of the R/C operations etc. are displayed.

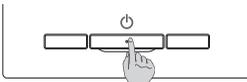
#### ⑪ F1, F2 switch function Display

Displays the function that is set for each switch. The function for these switches can be changed in F1/F2 function setting.

<b>Main menu</b>		
<b>Basic operation</b>	Run .....	6
	Stop .....	6
	Change operation mode .....	6
	Change set temp .....	6
	Change flap direction .....	7
	Change the fan speed .....	8
	F1, F2 switch operation .....	8
	Anti draft ON/OFF operation .....	8
	High power operation .....	9
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<b>Useful functions</b>	Individual flap control .....	15
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	Auto anti draft ctl .....	25
	Timer .....	19
	Set ON timer by hour .....	20
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	Set ON timer by clock .....	21
	Set OFF timer by clock .....	21
	Weekly timer .....	21
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	Favorite setting .....	23
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	Silent mode control .....	23
	Wireless interface setting .....	26
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	Administrator settings .....	Refer to user's manual
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	Setting temp range .....	Refer to user's manual
	Temp increment setting .....	Refer to user's manual
	Set temp display .....	Refer to user's manual
	R/C display setting .....	Refer to user's manual
	Change administrator password .....	Refer to user's manual
	F1/F2 function setting .....	Refer to user's manual
	Refrigerant leak detector setting .....	Refer to user's manual
<b>Service setting</b>		Refer to Installation manual
<b>Contact company</b>		29

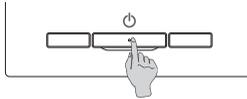
# 3. Basic Operation

## Run

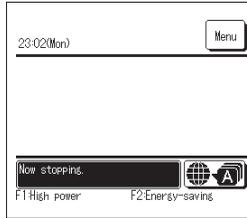


Push the **Run/Stop** switch.  
Operation lamp (green) lights and operation starts.

## Stop



Press the **Run/Stop** switch while the unit is in operation.  
The operation lamp turns off and the operation stops.



When the operation stops, all operation buttons on the screen turn off. When the set lighting time of backlight is counted up, the backlight turns off.  
When the screen is tapped, the backlight lights, and all operation buttons are displayed.

### Note

- Do not shut down the power supply immediately after the stop of operation. It should be waited for more than 5 minutes till the residual operation time of drain motor is counted up. Otherwise, it could cause water leakage or breakdown.

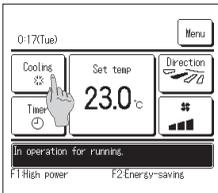
### Advice

- A message "Invalid request" may be displayed when a button is pushed. This is not a fault but it is because the button operation is set to the "Disable".
- The unit starts to operate initially with the following settings after the power on. These settings can be changed as desired.
 

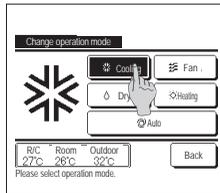
Central control	..... OFF
Operation mode	..... With auto mode: Auto cooling
	..... Without auto mode: Cooling
Set temp	..... 23.0°C
Fan speed	..... 3-speed
Flap direction	..... When cooling: position 2, when heating: position 3

※When an FDK with a left/right flap is connected, left/right flap direction: center, 3D AUTO: disabled
- In the following cases, a message "Operation mode is invalid." is displayed and it changes to the fan operation, because operation modes are not matched.
  - When Heating (including auto heating) is selected for Operation mode while using an OU for cooling only.
  - When Heating is selected for Operation mode while controlling multiple units including units allowed for both cooling and heating and units for cooling only.
  - When different operation modes are selected between IUs which are connected to a OU that do not allow mixed operation of cooling and heating.

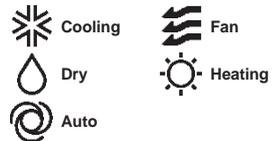
## Change operation mode



1 Tap the **Change operation mode** button on the TOP screen.



2 When the Change operation mode screen is displayed, tap the button of desired mode.  
The operation mode changes, and the display returns to the TOP screen.  
Icons displayed have the following meanings.

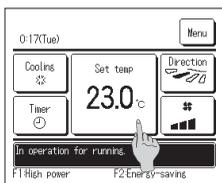


- Operation modes which cannot be selected depending on combinations of IU and OU are not displayed.
- When the Auto is selected, the cooling and heating switching operation is performed automatically according to indoor and outdoor temperatures.

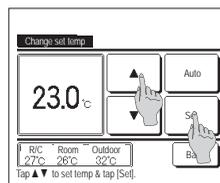
### Advice

- If the air conditioner is a multi-type building air conditioning system, cooling/heating functions cannot be mixed for each of the connected IUs in certain cases. At that time, the fan activates, and "Operation mode is invalid." will be displayed.

## Change set temp



1 Tap the **Change set temp** button on the TOP screen.



2 When the Change set temp screen is displayed, select the temperature as desired with using **▲** **▼** buttons.  
3 After selecting the set temp, tap the **Set** button. The display returns to the TOP screen.

■ For allowable temperature setting ranges, refer to the range setting of set temp.

■ Reference set temp

Cooling ... 26 to 28°C Dry ... 24 to 26°C Heating ... 20 to 24°C Fan ... Setting temp is not required.

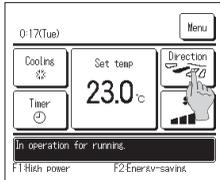
■ If the **Auto** is selected for the set temp, the set temp display shows "0". Temperature can be adjusted higher or lower with using **▲** **▼** buttons. Note that **Auto** is not displayed and cannot be set when SC-SL2, SC-SL3, or SC-SL4 is connected.

■ If the **Back** button is tapped without tapping the **Set** button, the selected set temp is invalidated and the display returns to the TOP screen.

#### Advice

• If Power control for Motion sensor control is set to Enable, a temperature different from the set temperature may be displayed.

## Change flap direction

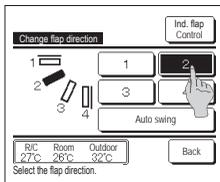


1 Tap the **Change flap direction** button on the TOP screen.

When an FDK with a left/right flap is not connected: (#\*2)

When one or more FDKs with a left/right flap are connected: (#\*3)

■ If all the connected IUs are duct connected units, the **Change flap direction** button will not be displayed.



2 When the Change flap direction screen is displayed, tap the button of desired flap direction.

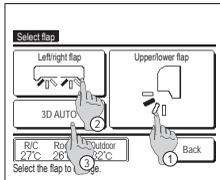
To swing the flap, tap the **Auto swing** button.

To fix the flap position, tap one of **1** to **4** buttons.

After selecting the flap direction,

When an FDK with a left/right flap is not connected, the display returns to the TOP screen. (#\*1)

When an FDK with a left/right flap is connected, the display returns to the Select flap screen. (#\*3)



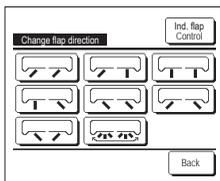
3 When one or more FDKs with a left/right flap are connected, the Select flap screen is displayed. Select the desired flap direction.

① To change the up/down flap direction, tap the **Upper/lower flap** button. The Change flap direction screen for the up/down flap is displayed. (#\*2)

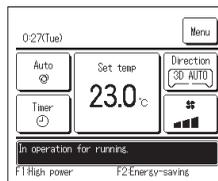
② To change the left/right flap direction, tap the **Left/right flap** button. The Change flap direction screen for the left/right flap is displayed. (#\*4)

③ The 3D auto flow operation automatically controls the fan speed and flap direction to efficiently condition the air of the entire room. To switch to the 3D auto flow operation, tap **3D AUTO** to enable the operation.

To disable the 3D auto flow operation, tap the **3D AUTO** again. The flap direction returns to the direction that was set before the 3D auto flow operation was enabled. The 3D auto flow operation will also be disabled when you change the up/down or left/right flap direction during the 3D auto flow operation.



4 Tap the desired flap direction. After selecting the flap direction, the display returns to the Select flap screen. (#\*1)



5 When the 3D auto flow operation is enabled, "3D AUTO" is displayed on the **Change flap direction** button, as shown on the left.

■ When multiple IUs are connected to the remote control for a mixed environment consisting of FDKs with a left/right flap and IUs without a left/right flap, enabling the 3D auto flow operation will set the models without a left/right flap to a flap position set before the 3D auto flow operation was started.

■ When the flap is controlled automatically in the following operation, it may differ from the display on the R/C.

- When the room temperature is higher than the set temp (In case of the heating operation)
- When the "In operation for heating standby," or "In operation for defrosting," is displayed (In case of the heating operation).  
Cool air is blown horizontally not to blow directly to human body.
- In a high humidity environment (during cooling operation)

■ When you select Auto swing while the Anti draft setting is enabled, the flap will not swing and be set at flap position **1**.

■ Changing the left/right flap direction and 3D auto flow operation cannot be performed from the SC-SL2, SC-SL3, or SC-SL4. Also note that 3D auto flow operation will not be disabled when you change the flap direction from the SC-SL2, SC-SL3, or SC-SL4 during a 3D auto flow operation.

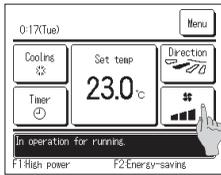
#### Advice

• If the humidity around the IU is high, the flap position may differ from the set position in order to prevent condensation forming on the IU. In that case, the message "During condensation prevention control," will be displayed.  
When the humidity drops, the flap returns to its original position.

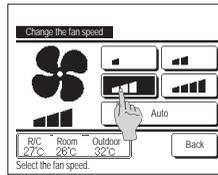
#### Note

- Do not manually move the flaps or panel with anti draft by force. It could damage these flaps and panels.
- Do not blow air downward for a long period of time during the cooling operation. Condensation may be generated and water may drip from the side panel. (In case of Ceiling suspended type)
- For FDKs with a left/right flap, it is recommended that the flap should be set toward the right side when there is a wall on the left, or set toward the left side when there is a wall on the right. For more information, refer to the Notes in the Individual flap control section.

## Change the fan speed



- 1 Tap the [Change the fan speed] button on the TOP screen.



- 2 When the Change the fan speed screen is displayed, tap the button of desired fan speed. After setting the fan speed, the display returns to the TOP screen.

- Fan speeds which can be set vary depending on the models of IU.
- When the [Auto] is selected, the fan speed is changed automatically depending on the capacity. Note that [Auto] is not displayed and cannot be set when SC-SL2 or SC-SL3 is connected.

### Advice

- If the humidity around the IU is high, the fan speed may differ from the set fan speed in order to prevent condensation forming on the IU. In that case, the message "During condensation prevention control." will be displayed. When the humidity drops, the fan speed returns to its original speed.

## F1/F2 switch operation

You can set any of the following functions to the [F1] and [F2] switches.

The [F1] / [F2] switches act as shortcuts: it can be much easier and faster than starting an operation from the usual [Menu] on the TOP screen.



Changing the function of the [F1] or [F2] switch can be performed with the F1/F2 function setting. The following functions are set as factory settings.

You may change these settings as desired.

- [F1] switch ...High power operation
- [F2] switch ...Energy-saving operation

- High power operation
- Energy-saving operation
- Silent mode control
- Home leave mode
- Favorite setting operation
- Filter sign reset
- Anti draft ON/OFF
- Auto anti draft cl

### Advice

- When using a standard FDT/FDTC panel (a panel without anti draft function), set functions other than the Anti draft ON/OFF function to the [F1] and [F2] switches. F1/F2 function setting (\*\*Refer to user's manual.)  
If anti draft is turned on (operated) during the use of a standard FDT/FDTC panel, louvers may not automatically swing, which is not a malfunction.

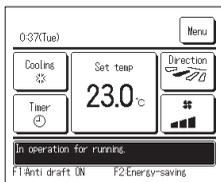
## Anti draft ON/OFF operation (for using panel with anti draft)

Anti draft can be turned ON/OFF (operated/stopped) with a single tap of the button.

To turn ON/OFF the anti draft with the [F1] or [F2] switch, the anti draft ON/OFF function needs to be preset to the [F1] or [F2] switch. (\*\*Refer to user's manual.)

Initially, Anti draft ON/OFF or high power operation is set to the [F1] switch. (It is automatically determined according to the connected indoor unit.)

- When the sub R/C is set, Anti draft ON/OFF setting cannot be used.



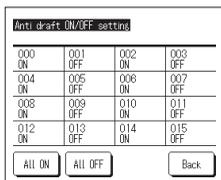
- 1 Push the [F1] ([F2]) switch. Anti draft is turned ON (operated).

"Anti draft ON" is displayed in the [F1] ([F2]) switch function display area.

- The enabled operation mode and the enabled anti draft of the blow outlets operate based on the details set in the Anti draft setting.
- If anti draft is turned on (operated) during the use of the standard FDT, FDTC panel, louvers may not automatically swing, which is not a malfunction.
- While the unit is stopped, anti draft does not operate even when "Anti draft ON" is displayed. Anti draft will operate when you press the [Run/Stop] switch to start the unit operation.
- If no indoor unit equipped with anti draft function is connected, a message "Invalid request." is displayed on the R/C screen.
- Depending on how the Permission/Prohibition setting (\*\*Refer to user's manual.) is set, the administrator password input screen may be displayed.

### Advice

- If the humidity around the IU is high even after anti draft is set to ON, the anti draft may stop in order to prevent condensation forming on the IU. In that case, the message "During condensation prevention control." will be displayed. When the humidity drops, the anti draft will be reactivated.



- 2 Press the [F1] ([F2]) switch. Anti draft is turned OFF (stopped).

"Anti draft OFF" is displayed in the [F1] ([F2]) switch function display area.

- 3 When two or more indoor units equipped with anti draft function are connected to the R/C, the indoor unit No. and the ON/OFF state of each anti draft are displayed by pressing the [F1] ([F2]) switch. Set ON or OFF for each indoor unit.

Anti draft is turned OFF by tapping ON and turned ON by tapping OFF.

All of the connected indoor units that are equipped with anti draft function are turned ON by pressing the [All ON] button.

All of the connected indoor units that are equipped with anti draft function are turned OFF by pressing the [All OFF] button.

In the [F1] ([F2]) switch function display area, the anti draft ON/OFF state of the indoor unit that has the smallest address among the indoor units equipped with anti draft function is displayed.

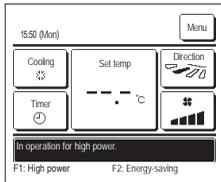
## High power operation

The high power operation adjusts the room temperature quickly to a pleasant level by increasing the operation capacity.

The high power operation continues for 15 minutes at the maximum and returns to the normal operation automatically. When the operation mode is changed, the high power operation returns to the normal operation, too.

High power operation must be set to the [F1] or [F2] switch.

High power operation is set to the [F1] switch as the factory setting.



1 Push the [F1] ([F2]) switch to start the high power operation.

■ Operation will start when the [F1] ([F2]) switch is pushed, even if [Run/Stop] switch is off.

■ High power operation is only allowed when Heating or Cooling is selected for the operation mode.

Message "In operation for high power." is displayed on the R/C screen, and "--- °C" is displayed on the Set temp button during the high power operation.

■ Set temp and change fan speed operations are disabled during high power operation.

2 High power operation is terminated when you perform one of the following.

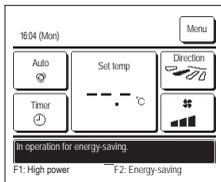
- When you terminate through a [Run/Stop] operation
- When you change the operation mode
- When 15 minutes have elapsed since the high power operation started
- When you terminate the high power operation with the [F1] ([F2]) switch

## Energy-saving operation

Use this operation to save energy. Set temp is fixed at 28°C in the cooling operation or 22°C in the heating operation. Since the capacity is controlled automatically based on the outdoor temperature, energy can be saved without losing comfort.

Energy-saving operation must be set to the [F1] or [F2] switch.

Energy-saving operation is set to the [F2] switch as the factory setting.



1 Push the [F1] ([F2]) switch to start the energy-saving operation.

■ Operation will start even if you press the [F1] ([F2]) switch while the unit is stopped.

■ Energy-saving operation is only allowed when Heating, Cooling or Auto is selected for the operation mode.

Message "In operation for energy-saving." is displayed on the screen during the energy-saving operation. Set temp is fixed at "28.0°C" in the cooling operation or "22.0°C" in the heating operation. Set temp shows "-. °C" in the automatic operation mode.

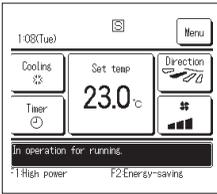
■ Set temp cannot be changed during the energy-saving operation. If it is attempted, a message "Invalid request" is displayed on the screen.

2 Energy-saving operation is terminated when you perform the following.

- When you terminate through a [Run/Stop] operation
- When you change the operation mode
- When you terminate the energy-saving operation with the [F1] ([F2]) switch

# 4. Menu operations

## Restrictions on the sub R/C

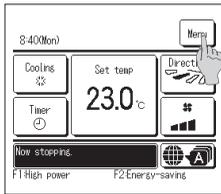


When one IU is controlled with 2 R/Cs, the following settings cannot be made on the sub R/C. It is necessary to use the main R/C.

In case of the sub R/C, the icon is displayed on the R/C screen.

R/C operations	Main	Sub
Run/Stop, Change set temp, Change flap direction, Auto swing, Change fan speed operations	○	○
Anti draft	○	×
High power operation, Energy-saving operation	○	○
Silent mode control	○	×
Useful functions		
Individual flap control	○	×
Anti draft setting	○	×
Auto anti draft ctrl	○	×
Timer	○	○
Weekly timer	○	×
Favorite setting	○	○
Home leave mode	○	×
External ventilation	○	○
Select the language	○	○
Silent mode control	○	×
Wireless interface setting	○	×
Control mode & Eco level	○	×
Energy-saving setting	○	×
Filter	Filter sign reset	○
Filter	Filter sign reset	○
User setting	Initial settings	○
	Administrator settings	○
	Permission/Prohibition setting	○
	Outdoor unit silent mode timer	○
	Setting temp range	○
	Temp increment setting	○
	Set temp display	○
	R/C display setting	○
	Change administrator password	○
	F1/F2 function setting	○
	Refrigerant leak detector setting	○

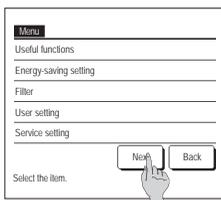
## Operations on menu screens



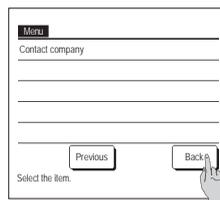
- Tap the button on the TOP screen. Main menu screen is displayed.

When a desired menu item is tapped, setting screen for each item is displayed.

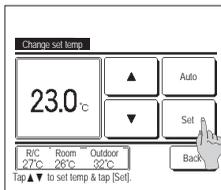
When there are two or more pages, the button is displayed at the leading page and the button is displayed at the last page. The and buttons are displayed on pages in between.



- When the button is tapped, next main menu screen is displayed.

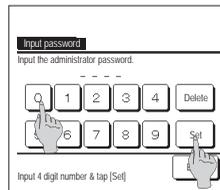


- When the button is tapped, the display returns to the TOP screen.



- When the button is displayed on the setting screen for each item, tapping this button confirms the setting.

■ If you tap without tapping the , the settings made will not be applied, and the display returns to the original screen.



- When an item is referenced to in this manual, the Input password screen is displayed after selecting the menu. Enter the administrator password (4-digit number) and tap the button. When the password is unknown or wrong, the setting cannot be changed.

### Advice

- The administrator password is provided so that these operations and settings are restricted to administrators/managers only (such as the owner of the building).
- For the administrator password at the factory setting, refer to the Installation Manual.

When your administrator password is forgotten, initialize the password by referring to the Installation Manual.

## Cautions for each setting screen

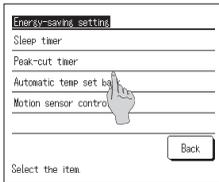
- When returning to the screen mentioned below from each setting screen, operate the following buttons or switches.
  - Return to Main screen ...  button
  - Return to the last previous screen ...  button
  - Return to TOP screen ...  switch
- When the  button is tapped without tapping the  button on the way of setting, contents of the setting are invalidated, and the display returns to the last previous screen. If the  switch is pushed on the way of setting, contents of the setting are invalidated, the setting mode is terminated and the display returns to the TOP screen.
- If no button is operated for approx. 5 minutes on the way of setting each item, the display returns to the TOP screen automatically. Contents of the setting on the way become invalid.
- Message "Invalid request" may be displayed when a button is pushed. This is not a fault but it is because the button is set to the Prohibition.
- It is necessary to stop the air conditioner by pushing the  switch before starting the following settings.

If the Set button is tapped on the menu screen while the air conditioner is operating, the message "Invalid request." is displayed.

- Individual flap control
- Anti draft setting
- Select the language
- Energy-saving setting
- Administrator settings

## 5. Settings and operations

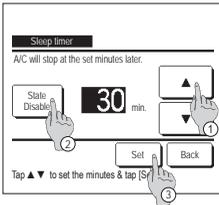
### Energy-saving setting [Administrator password]



- Tap the  button on the TOP screen and select . The Energy-saving setting menu screen is displayed.
- When the Energy-saving setting screen is displayed, select a desired item.
  - Sleep timer
  - Peak-cut timer
  - Automatic temp set back
  - Motion sensor control

#### ■ Sleep timer

Stops operation when the amount of time set has elapsed since the start of each operation.



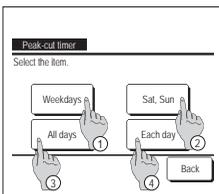
- Tap the  button on the TOP screen and select  ⇒ . The Sleep timer screen is displayed.
- Select a desired time with   buttons. Setting range: 30 to 240 minutes, at 10-min intervals.
- Tap the  button to switch between "State Enable" and "State Disable".
  - "Enable": operation stops at the set time every time.
  - "Disable": the sleep timer does not operate.
 Unless the Sleep timer is used, set at the "State Disable".
- After the setting, tap the  button. The display returns to the Energy-saving setting menu screen.

#### ■ Peak-cut timer

Set the times to start and stop the capacity (upper limit) limiting operation and the peak-cut %.

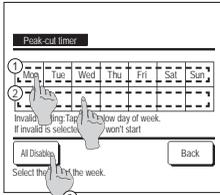
##### Advice

- When the peak-cut timer is used, be sure to make the Clock setting in advance.
- The peak-cut timer control may not be performed depending on combination of IU and OU.



- Tap the  button on the TOP screen and select  ⇒ . When the setting range selection screen for the peak-cut timer is displayed, select the day of the week to be set.
 

<ol style="list-style-type: none"> <li>Weekdays : Monday - Friday</li> <li>Sat. Sun : Saturday, Sunday</li> <li>All days : Monday - Sunday</li> <li>Each day : Moves to the day of the week setting screen. (※2)</li> </ol>	}	(※4)
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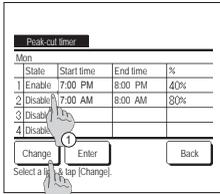
- 2 If a desired day of the week ① is tapped on the display, contents of current setting for the day are displayed. (⇨5)
- 3 For the holiday setting, tap the block ② under a day to switch between ② (the holiday setting) and "Blank" (reset).

Timer does not operate on the day set as holiday.

Two or more holidays can be set.

■ To enable the timer on the day set as holiday, it is necessary to reset the holiday setting.

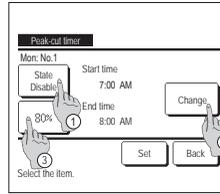
- 4 When tapping ③ "All Disable" button, the timer does not operate on all days of the week. When the timer is used, be sure not to set "All Disable".



- 5 Screen to check contents of current setting is displayed.

When the contents are changed or new setting is added, select a ① setting line No. and tap the ②

"Change" button.

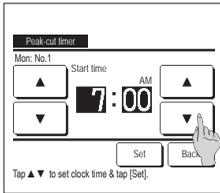


- 6 Detail setting screen for the timer setting contents is displayed.

① Tap the "State" button to switch between "State Enable" and "State Disable".

② If the "Change" button is tapped, the start time and the end time can be set. (⇨7)

③ If the "Peak-cut" button is tapped, the peak-cut % can be set. (⇨9)

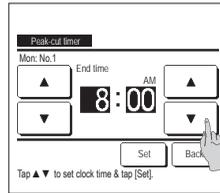


- 7 Set the Start time.

Set the hour and minute with the ▲ ▼ buttons.

Setting time can be set at 5-min intervals.

Tap the "Set" button after the setting. (⇨8)

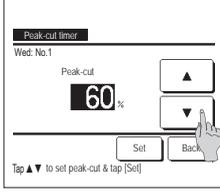


- 8 Set the End time.

Set the hour and minute with the ▲ ▼ buttons.

End time can be set from 5 minutes after the Start time up to 24:00 at 5-min intervals

Tap the "Set" button after the setting. (⇨10)



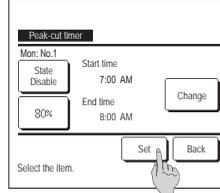
- 9 Set the peak-cut %.

Set the peak-cut % with the ▲ ▼ buttons.

The peak-cut % can be set at 0%, 40%, 60% or 80%.

**The lower the peak-cut % is, the higher the effect of energy-saving becomes.**

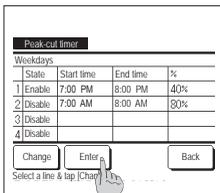
Tap the "Set" button after the setting. (⇨10)



- 10 The setting content check screen (⇨6) is displayed. If the "Set" button is tapped, the contents are confirmed and a day of the week setting content check screen (⇨5) is displayed.

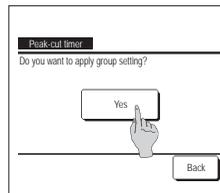
- 11 If the settings are corrected or added further within the same day, repeat the setting. (⇨5)

■ When contents of the setting are duplicated, the priority is given to the set contents of smaller peak-cut %.



- 12 Display a day of the week setting content check screen. To save the setting, tap the "Enter" button.

- a) In case of group setting:  
(1-① Weekdays, 1-② Sat, Sun, 1-③ All days) Move to the group setting check screen. (⇨13)
- b) In case of individual setting:  
(1-④ Each day) Save the setting and move to a day of the week selection screen (⇨2)

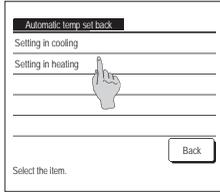


- 13 Display the group setting acknowledgment screen. Tap the "Yes" button to save the setting. The display changes to a day of the week setting check screen after the saving. (⇨2)

- 14 When making the setting after changing a day of the week, repeat the setting from the step 2.

## ■ Automatic temp set back

It returns to the set temperature when the set time is counted up.



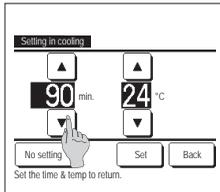
- 1 Tap the **Menu** button on the TOP screen and select **Energy-saving setting** ⇒ **Automatic temp set back**. The Automatic temp set back screen is displayed.

Tap **Setting in cooling** when setting for the cooling operation or **Setting in heating** when setting for the heating operation. The Setting in cooling operation includes the cooling, dry and auto.

The Setting in heating is for the heating operation only.

Setting time range: 20 - 120 min, at 10-min intervals

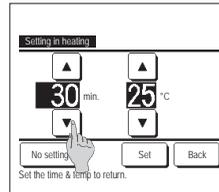
Set temp range: It can be set within the preset temp range set according to the set temp range menu.



- 2 Set desired time and temperature with the **▲** **▼** buttons.

When the **Set** button is tapped, contents of setting are confirmed, and the display returns to the last previous screen.

When the **No setting** button is tapped, "-- min. -- °C" is displayed, and the "Automatic temp set back" is not performed.



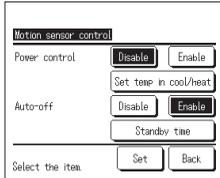
- 3 The same setting method as the Setting in the cooling operation can be applied to the Setting in heating.

## ■ Motion sensor control (for IUs with motion sensors)

Presence of humans and the amount of motion are detected by a motion sensor to perform various controls.

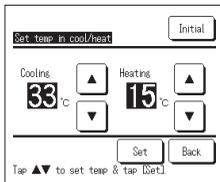
■ When the R/C is set as the sub R/C, the motion sensor control cannot be set.

- 1 Tap the **Menu** button on the TOP screen and select **Energy-saving setting** ⇒ **Motion sensor control**. The motion sensor control screen and contents of the current setting are displayed.



- 2 Select Enable/Disable for power control. When enable, the set temperature is corrected in incremental up to ±3.0 depending on the amount of motion.

Tap the **Set temp in cool/heat** button.

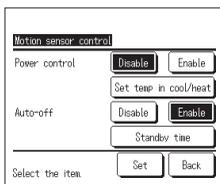


- 3 Use the **▲**/**▼** button to set the temperature, and tap the **Set** button. Temporarily set the set temperature. The possible range is as follows:

Cooling: 25 to 35°C (1°C intervals, Factory settings: 33°C)

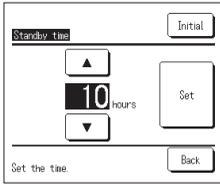
Heating: 10 to 20°C (1°C intervals, Factory settings: 15°C)

If the amount of motion continues to be small, set temp is changed to the set temperature, and the power of the air conditioner is reduced. "Power control ON" will be displayed while power control is set to ON. Also, the corrected temperature will be displayed for set temp.



- 4 Select Enable/Disable for auto-off. When enable, it judges by the amount of motion that there are no human around. After one hour, the unit will be in the "operation wait" state.

Tap the **Standby time** button.



- 5 Use the / button to set the time, and tap the  button. You can set the time between 1 to 50 hours in 1-hour intervals. Temporarily set the period required between the time when it continuously judges that there are no human after the "Operation wait" state is set and the time when "Complete stop" is set.

Operation wait:

The unit stops but will resume operation when human presence is detected. When the unit is in "Operation wait", "In auto-off mode" will be displayed on the message display.

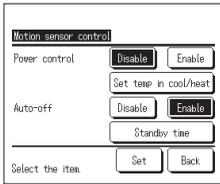
Complete stop:

When auto-off is enabled, the unit stop.

The unit will not resume operation even when human presence is detected.

The message "In auto-off mode" will disappear from the message display, and the operation lamp will turn off.

To restart the operation, push the  switch.

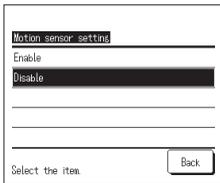


- 6 After you set each item, tap the  button.

Motion sensor control is set.

\* If you do not tap the  button on this screen, motion sensor control will not be executed.

#### ■ To execute motion sensor control



If motion sensor setting is not enabled even if the settings described above have been made, motion sensor control will not be executed.

Check that motion sensor setting is set to enable. If it is set to disable, change it to enable.

Tap the  button on the top screen and select  =>  => .

## Individual flap control

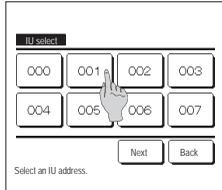
Motion range (upper, lower, left, or right limit positions) of the flap at each blow outlet can be set to a desired range.

■ When the R/C is set as the sub R/C, the individual flap control cannot be set.

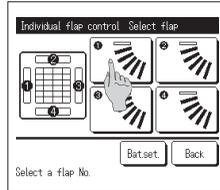
- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Individual flap control** or tap the **Change flap direction** button on the TOP screen and select **Ind. flap control**, and then enter the administrator password.

When one IU is connected to the R/C: #R=3

When two or more IUs are connected to the R/C: #R=2



- 2 When two or more IUs are connected to the R/C, a list of IUs is displayed. Tap the IU to be set.



- 3 Select the number of the flap of which the motion range is changed. (#R=4)

■ When you perform Individual flap control while the unit is stopped and there are two or more flaps at the blow outlet, such as the FDT type, the flap at blow outlet No. ① will keep moving while the blow outlet selection screen is displayed. The figure displayed on the screen shows the installed unit viewed from the floor side. Select the flap based on this figure. When you have selected the blow outlet, the flap with the number you selected will move.

### Advice

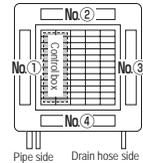
■ This operation is not performed when individual flap control is set during operation.

- You can set all flaps at once by tapping the **[Bat.set.]** button (except for FDKs with a left/right flap).
- When there is only one flap at the blow outlet, such as the ceiling suspended type only the flap that can be set will be displayed.

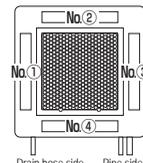
For an FDK with a left/right flap, select the upper/lower flap or left/right flap.

When you select the upper/lower flap (①): #R=4

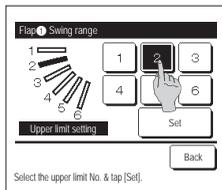
When you select the left/right flap (②): #R=8



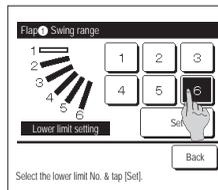
Louver No.  
[For FDT]



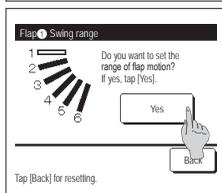
Louver No.  
[For FDTc]



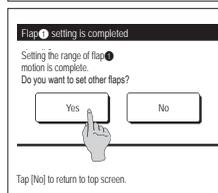
- 4 Select one of the upper limit positions from **[1]** to **[6]** for the flap motion range.  
After you select the range, tap the **[Set]** button.



- 5 Select one of the lower limit positions from **[1]** to **[6]** for the flap motion range.  
The range of motion between the upper and lower limit positions will be displayed in black.  
After you select the range, tap the **[Set]** button.

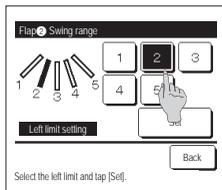


- 6 Acknowledge screen for the flap motion range is displayed.

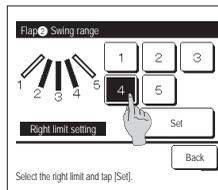


- 7 Acknowledge screen for the completion of setting is displayed.  
To change other flap motion ranges, tap the **[Yes]** button (#R=3).  
To terminate the setting, tap the **[No]** button. The display returns to the TOP screen.

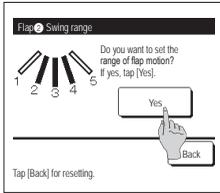
[When left/right flap is selected for an FDK with a left/right flap]



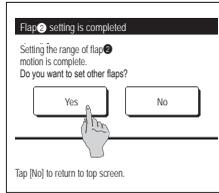
- 8 Select one of the left limit positions from **[1]** to **[5]** for the flap motion range.  
After you select the range, tap the **[Set]** button.



- 9 Select one of the right limit positions from **[1]** to **[5]** for the flap motion range.  
The range of motion between the left and right limit positions will be displayed in black.  
After you select the range, tap the **[Set]** button.



**10** Acknowledge screen for the flap motion range is displayed.

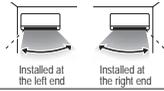


**11** Acknowledge screen for the completion of setting is displayed.  
**To change other flap motion ranges, tap the [Yes] button. (\*#3)**  
**To terminate the setting, tap the [No] button. The display returns to the TOP screen.**

**Advice**

When the unit is installed within 50 cm from a wall, it is recommended that you change the range of the left/right flap motion as follows:

- When installed at the right end of the wall  
 Left/right flap motion range [1] to [4]
- When installed at the left end of the wall  
 Left/right flap motion range [2] to [5]



**Anti draft setting (for using panel with anti draft)**

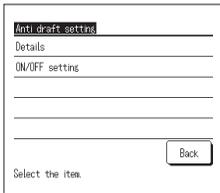
You can set ON/OFF (operation/stop) of the anti draft function and can also enable/disable the motion of panel with anti draft for each blow outlet for each operation mode.

■ When the R/C is set as the sub R/C, the anti draft setting cannot be set.

**1** Tap the [Menu] button on the TOP screen and select [Useful functions] ⇒ [Anti draft setting].

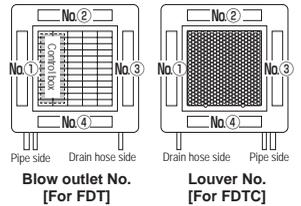
The Anti draft setting menu is displayed.

■ Depending on how the Permission/Prohibition setting (\*#Refer to user's manual.) is set, the administrator password input screen may be displayed.



**2** Tap a desired item.

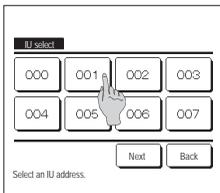
- ① Details.....You can set Enable or Disable for anti draft motion performed at each blow outlet in each operation mode. (\*#\*16)
- ② ON/OFF setting.....You can set ON/OFF (operation/stop) of anti draft function for the enabled blow outlet set in ① Details. (\*#\*16)



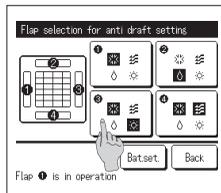
**Advice**

• If the humidity around the IU is high even after anti draft is set to ON, the anti draft may stop in order to prevent condensation forming on the IU. In that case, the message "During condensation prevention control." will be displayed.  
 When the humidity drops, the anti draft will be reactivated.

**■Details**



**1** When two or more IUs are connected to the R/C, a list of IUs is displayed. Tap the IU to be set.

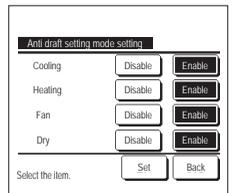


**2** Select the blow outlet number to set anti draft.

■ The flap at blow outlet No. ① will keep moving while the blow outlet selection screen is displayed. Select the flap based on this figure. When you have selected the blow outlet, the flap with the number you selected will move. The figure displayed on the screen shows the installed unit viewed from the floor side.

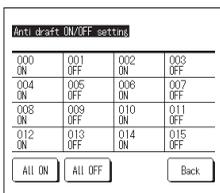
**Advice**

- This operation will not be performed when anti draft setting is set during operation.
- You can set all blow outlets at once by tapping the [Bat.set.] button. An icon that indicates the operation mode is shown on each blow outlet button. When the anti draft setting is enabled, the icon color will be reversed (for example, in the left figure, blow outlets which have the anti draft setting enabled during cooling are numbers ①, ③, and ④).



**3** Select enable/disable for each operation mode.  
 After you make the selection, tap the [Set] button.  
 The display returns to the blow outlet selection screen.

**■ON/OFF setting**



**1** The indoor unit No. and the ON/OFF state of each anti draft function are displayed to allow ON/OFF setting of the anti draft. Anti draft is turned OFF by tapping ON and turned ON by tapping OFF.

When two or more indoor units equipped with anti draft function are connected to the R/C, the two or more indoor units are displayed.

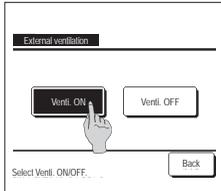
All of the connected indoor units that are equipped with anti draft function are turned OFF by pressing the [All OFF] button.  
 All of the connected indoor units that are equipped with anti draft function are turned ON by pressing the [All ON] button.

## Ventilation operation (when ventilation device is installed)

The ventilation is turned on or off if the ventilation device is installed.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **External ventilation**.

- The ventilation operation is enabled in case that the External ventilation is set "Independent" (refer to the installation manual for details).
- In case that the External ventilation is set "Disable" or "Interlocking" the ventilation operation is disable.



- 2 The External ventilation screen is displayed.

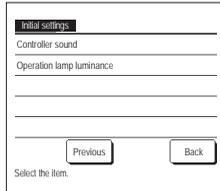
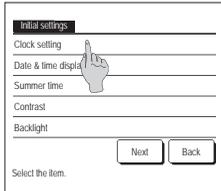
If the **Ventil. ON** button is tapped, the ventilation operation starts.

To stop the ventilation operation, tap the **Ventil. OFF** button.

- In case that the Ventilation is set "Interlocking", the ventilation operates interlocked with Run/Stop operation of air conditioner (refer to Installation Manual).

## Initial settings

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings**.



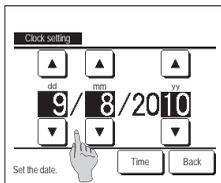
- 2 When the "Initial settings" menu screen is displayed, tap a desired item.

- Clock setting
- Date & time display
- Summer time
- Contrast
- Backlight
- Controller sound
- Operation lamp luminance

### ■ Clock setting

You can set and correct the current date and time.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Clock setting**.

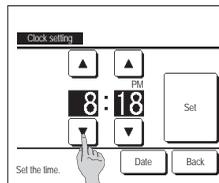


- 2 The "Clock setting" screen is displayed.

Set the "dd/mm/yy" with the **▲** **▼** buttons.

Tap the **Time** button after the setting.

- The "clock setting" is necessary for the following settings.
  - Peak-cut timer
  - Set ON timer by clock, Set OFF timer by clock
  - Weekly timer
  - Outdoor unit silent mode timer
  - Filter sign reset, Setting next cleaning date

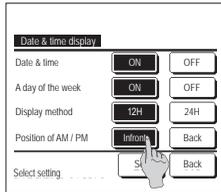


- 3 Set the "hour : minute" with the **▲** **▼** buttons on the clock setting screen. Tap the **Set** button after the setting. To change "dd/mm/yy" tap the **Date** button.

## ■Date & time display

You can set and correct the date & time display.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Date & time display**.

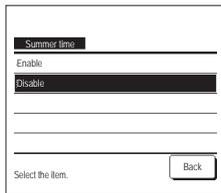


- 2 The Clock setting screen is displayed.  
Tap **OFF** / **ON** for the Date and time.  
Tap **OFF** / **ON** for A day of the week.  
Tap Display method "12H or 24H".  
**12H** | Hours ... If it is 3:50 PM, it displays "3:50PM".  
**24H** | Hours ... If it is 3:50 PM, it displays "15:50".  
Set the position of AM/PM.  
Set **Infront** ... "PM3:50" is displayed.  
Set **Back** ... "3:50PM" is displayed.
- 3 Tap the **Set** button after the setting.

## ■Summer time

You can adjust the current time by one hour.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Summer time**.

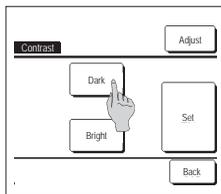


- 2 The Summer time setting screen is displayed.  
Changing from **Disable** to **Enable** ... (Current time + 1 hr) is displayed.  
Changing from **Enable** to **Disable** ... (Current time - 1 hr) is displayed.

## ■Contrast

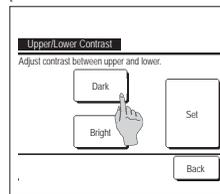
You can adjust the contrast of the LCD.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Contrast**.



- 2 The Contrast Adjustment screen is displayed.  
Tap the "Contrast" on the Initial settings menu screen. The contrast on the screen changes by tapping the **Dark** or **Bright** button to select a desired contrast.
- 3 Tap the **Set** button after the setting.

[When the contrast differs between the top and bottom of the screen]

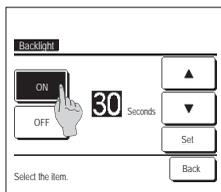


- 4 Tap the **Adjust** button to display the Upper/Lower Contrast screen.
- 5 The contrast of the lower half of the screen changes when you tap the **Dark** / **Bright** button. Adjust the contrast so that the upper and lower halves of the screen match.
- 6 After you make the settings, tap the **Set** button.

## ■Backlight

You can turn ON/OFF the backlight and set the lighting period.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Backlight**.

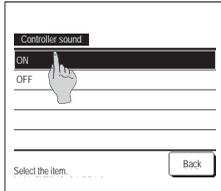


- 2 The Backlight setting screen is displayed.  
Tap the ON or OFF buttons for the backlighting and the lighting Period (5 - 90 sec, at 5-sec intervals).  
**ON** ... The "Backlight" lights when the LCD is tapped.  
If no operation is made for the set time, it turns off automatically.  
**OFF** ... The "backlight" does not light even if the LCD is tapped.
- 3 Tap the **Set** button after the setting.

## ■ Controller sound

You can set to have the controller sound ON/OFF when the touch panel is operated.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Controller sound**



- 2 The Controller sound setting screen is displayed.

Tap ON or OFF for the controller sound.

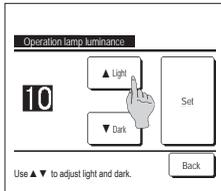
**ON** ... When a button on the screen is tapped, a "beep" sounds.

**OFF** ... There is no beep.

## ■ Operation lamp luminance

You can adjust the operation lamp luminance.

- 1 Tap the **Menu** button on the TOP screen and select **User setting** ⇒ **Initial settings** ⇒ **Operation lamp luminance**



- 2 The Operation lamp luminance adjustment screen is displayed.

You can adjust the luminance of the operation lamp to a desired level by tapping the **▲ Light** / **▼ Dark** button.

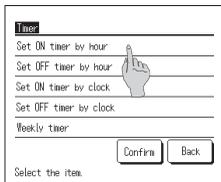
- 3 After you make the settings, tap the **Set** button.

## Timer

### Advice

- The Clock setting must be made when the Set ON timer by clock or Set OFF timer by clock is used.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Timer**



- 2 Tap a desired item on the Timer menu.

- Set ON timer by hour
- Set OFF timer by hour
- Set ON timer by clock
- Set OFF timer by clock
- Weekly timer
- Confirm

When the timer is set, the **Confirm** button is displayed.

The button is not displayed unless the timer is set.

### ■ Operation of each timer

- Sleep timer
  - Stops the operation of the unit when the amount of time set has elapsed since the start of the operation. When the setting is enabled, this timer will activate whenever any operation starts.
- Set ON timer by hour
  - When the set time elapses, the air conditioner starts.
  - Operating conditions at the start of operation can be set.
  - Operation takes place once at each setting.
- Set OFF timer by hour
  - When the set time elapses, the air conditioner stops.
  - Operation takes place once at each setting.
- Set ON timer by clock
  - The air conditioner starts at the set time.
  - Operating conditions at the start of operation can be set.
  - Only one day (Once) operation or operation Everyday can be set.
- Set OFF timer by clock
  - The air conditioner stops at the set time.
  - Only one day (Once) operation or operation Everyday can be set
- Weekly timer
  - On timer and Off timer on weekly basis can be set.

■ Setting of each timer can be combined. Allowable combination settings are as shown below.

### Allowable combination setting (○: Allowed, ×: Prohibited)

	Sleep	OFF: Hours	ON: Hours	OFF: Clock	ON: Clock	Weekly
Sleep		×	×	○	○	○
OFF: Hours	×		×	×	×	×
ON: Hours	×	×		×	×	×
OFF: Clock	○	×	×		○	×
ON: Clock	○	×	×	○		×
Weekly	○	×	×	×	×	

If a prohibited combination setting is made, a message "The combination can't be accepted" is displayed for 3 seconds.

■ Priority order of the timer settings (①→③) is as follows.

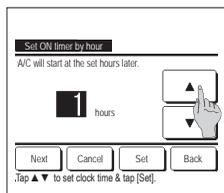
- ① Set OFF timer by hour/clock, weekly OFF timer
- ② Sleep timer
- ③ Set ON timer by hour/clock, weekly ON timer

■ On the TOP screen, the timer is displayed from the earliest one out of OFF time of the sleep timer, ON time and OFF time.

## ■Set ON timer by hour

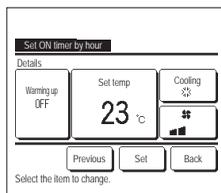
When the set time elapses, the air conditioner starts.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Timer** ⇒ **Set ON timer by hour**.



- 2 The Set ON timer by hour setting screen is displayed. Select desired hours for the period to start operation by timer with the **▲** **▼** buttons. Range of setting time: 1 to 12 hours (at 1-hr intervals)

- 3 When operating conditions at the start of operation are set, tap the **Next** button. (☞4)  
When operating conditions are not set, tap the **Set** button.

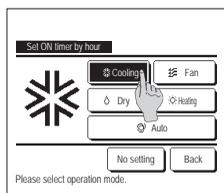


- 4 Set the following operating conditions.

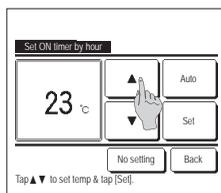
- ① Warming up ON/OFF (the Main R/C only)
  - ② Operation mode ... ☞5
  - ③ Set temp ... ☞6
  - ④ Fan speed ... ☞7
- Warming up setting can be made with the main R/C only.  
■ Set the operation mode before setting the set temperature.

## Advice Warming up

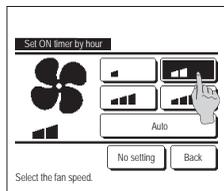
- To warm up the room temperature closed to the set temperature at the set start time of the operation, the microcomputer estimates the start time of the operation based on the last warming up operation and starts the operation 5 to 60 minutes earlier.
  - When the warming up is turned ON, set the timer at one hour earlier or more than the start operation by timer.
- If it is set in less than one hour, a message "Warming up cancelled" is displayed on the screen. (This is used as the Set ON timer by hour and clock.)



- 5 Tap a desired operation mode. If the **No setting** button is tapped, it starts operation at the last action. (☞4)



- 6 Select a desired temperature (at 1°C intervals) with the **▲** **▼** buttons. Or tap the **Auto** button and select the auto temp setting. Tap the **Set** button after the adjustment. (☞4)  
When the **No setting** button is tapped, "°C" is displayed, and it starts operation at the last setting temperature.

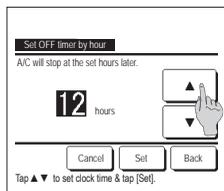


- 7 Tap a desired fan speed. If the **No setting** button is tapped, it operates at the last action. (☞4)
- 8 After setting the desired contents at the screen of the step 4 on the previous page, tap the **Set** button. Operation will start at set hours later.

## ■Set OFF timer by hour

When the set time elapses, the air conditioner stops.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Timer** ⇒ **Set OFF timer by hour**.

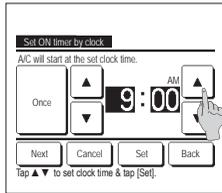


- 2 The Set OFF timer by hour setting screen is displayed. Select desired hours to stop operation with the **▲** **▼** buttons. Range of setting time: 1 to 12 hours (at 1-hr intervals)
- 3 Tap the **Set** button after the setting.

## ■Set ON timer by clock

Starts the operation of the unit at the set clock time.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Timer** ⇒ **Set ON timer by clock**.

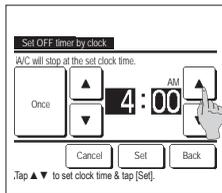


- 2 The Set OFF timer by hour setting screen is displayed.  
Select a desired time to start operation (5-min intervals) with the **▲** **▼** buttons.
- 3 When operating conditions at the start of operation are set, tap the **Next** button to set operation conditions.  
The operation conditions can be set the same way as the Set ON timer by hour settings.  
If operating conditions are not set, tap the **Set** button.  
The Set ON timer by clock can be operated one day (Once) or everyday.  
If it is operated everyday, tap the **Once** / **Everyday** button to change the display to "Everyday".

## ■Set OFF timer by clock

Stops the operation of the unit at the set clock time.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Timer** ⇒ **Set OFF timer by clock**.



- 2 The Set OFF timer by clock setting screen is displayed.  
Select a desired time to stop operation (5-min intervals) with the **▲** **▼** buttons.
- 3 Tap the **Set** button after the setting.  
The Set OFF timer by clock can be operated one day (Once) or everyday.  
If it is operated everyday, tap the **Once** / **Everyday** button to change the display to "Everyday".

## ■Weekly timer

You can set four on timer and off timer operations for each day of the week.

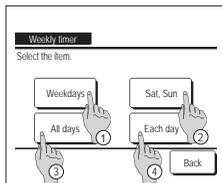
### Advice

- The Clock setting must be made when the weekly timer is used.
- The weekly timer can be set from the main R/C only.

- 1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Weekly timer**.

Enter the administrator password if the administrator password input screen is displayed.

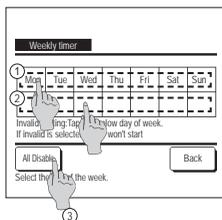
- There are cases that the Input password screen is displayed by the Permission/Prohibition setting.



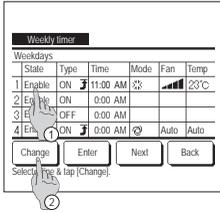
- 2 When the screen to select the setting range, select a day of the week to be set.
 

① Weekdays : Monday - Friday	} (*#5)
② Sat, Sun : Saturday, Sunday	
③ All days : Monday - Sunday	

④ Each day : Moves to the day of the week setting screen. (\*#3)

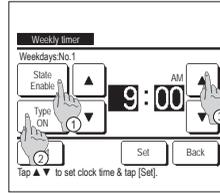


- 3 When a desired day of the week ① is tapped on the display, contents of current setting for the day are displayed. (\*#5)
- 4 For the holiday setting, tap the block ② under the day to switch between (the holiday setting) and "(Blank)" (reset).  
Timer does not operate on the day set as holiday.  
Two or more holidays can be set.  
  - To enable the timer on the day set as holiday, it is necessary to reset the holiday setting.
 When tapping ③ "All Disable" button, the timer does not operate on all days of the week.  
When the timer is used, be sure not to set "All Disable".



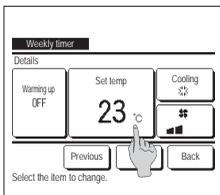
**5** Screen to check contents of current setting is displayed.

When the contents are changed or new setting is added, select a ① setting line No. and tap the ② **Change** button.



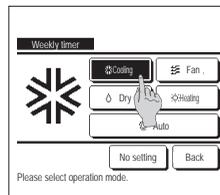
**6** Detail setting screen for the timer setting contents is displayed.

- ① Tap the **State** button to switch between "State Enable" and "State Disable".
- ② Tap the **Type** button to switch between the "OFF timer" and the "ON timer".
- ③ Select a desired time (at 5-min intervals) with the **▲** **▼** buttons.
- ④ In case of "ON timer" when the **Next** button is tapped, operating conditions at the start of operation can be set. (☞7)



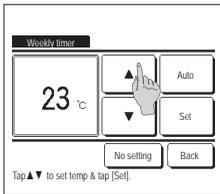
**7** Set the following operating conditions.

- ① Warming up ON/OFF  
(Operation starts 5 to 60 minutes earlier in order to warm up the room temperature closed to the set temp at the set start time of operation.)
  - ② Operation mode ...☞8
  - ③ Set temp ...☞9
  - ④ Fan speed ...☞10
- Set the operation mode before setting the set temperature.



**8** Tap a desired operation mode.

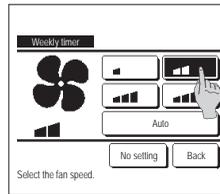
When the **No setting** button is tapped, it operates with the same operation mode at the last action. (☞7)



**9** Select a desired temperature (at 1°C intervals) with the **▲** **▼** buttons. Or tap the **Auto** button to select the Auto temp setting.

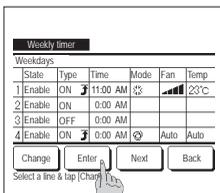
Tap the **Set** button after the selection. (☞7)

When the **No setting** button is tapped, "- - °C" is displayed, and it starts operation at the last setting temperature.



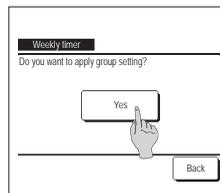
**10** Tap a desired fan speed.

When the **No setting** button is tapped, starts operation at the last fan speed. (☞7)



**12** Display the setting contents check screen. To register the setting, tap the **Enter** button.

- (1) In case of group setting  
(2-①Weekdays, 2-②Sat/Sun, 2-③All days setting), move to the group setting screen. (☞13)
- (2) In case of the individual setting  
(2-④Each day setting), save the setting and move to a day of the week selection screen. (☞3)

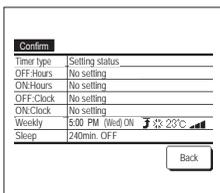


**13** Display the group setting acknowledge screen. Tap the **Yes** button and save the setting.

The display changes to a day of the week setting check screen after saving. (☞3)

When making the setting after changing a day of the week, repeat the setting from the step 3.

■ **Confirm**



**1** When you tap the **Confirm** button on the Timer menu screen, the contents of the current timer settings are displayed.

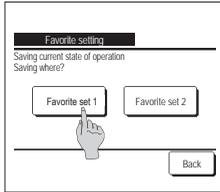
- When the warming up is set, "j" is displayed in front of the operation mode on confirmation screen.

## Registering favorite settings

Operation mode, set temp, fan speed, fan direction can be registered as Favorite set 1 and Favorite set 2.

Allocating these settings to the [F1] and [F2] switches allows you to perform operations with these registered settings with a single tap of the button.

Refer to the F1/F2 function setting on how to set the [F1] and [F2] switches.



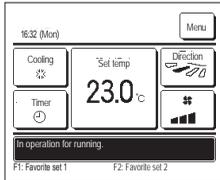
- 1 On the TOP screen, set the desired operation mode, set temp, fan speed, and flap direction.  
Tap the [Menu] button on the TOP screen and select [Useful functions] => [Favorite setting].  
The administrator password input screen is displayed.  
Enter the administrator password.  
  - You cannot register the favorite settings during high power and energy-saving operations.
- 2 The save location selection screen for favorite settings is displayed.  
Select the save location.  
If there is any data that was previously saved, that data will be overwritten.

## Favorite setting operation

You can start an operation with the operation mode, set temp, fan speed, flap direction registered to Favorite set 1 and Favorite set 2.

Settings for the operation mode, set temp, fan speed, flap direction can be registered from Favorite setting on the menu.

Favorite setting operation must be set to the [F1] or [F2] switch.



- 1 When you press the [F1] ([F2]) switch, the operation mode, set temp, fan speed, flap direction registered to Favorite set 1 or Favorite set 2 will be enabled.
  - Operation will start even if you press the [F1] ([F2]) switch while the unit is stopped.
  - You can change the operation mode, set temp, fan speed, flap direction after the operation has started with the favorite setting operation.
  - Following power on, the unit starts to operate initially with the following settings for both Favorite set 1 and Favorite set 2.
 

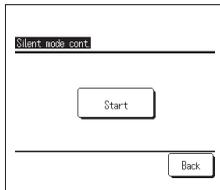
Operation mode	...Cooling
Set temp	...28°C
Fan speed	...3-speed
Flap direction	...Position 2
*When an FDK with a left/right flap is connected	
Left/right flap direction	...Center
3D AUTO	...Disabled
  - When Change set temp, Change operation mode, Change flap direction, Change fan speed are restricted by the Permission/Prohibition setting, restricted items will not be reflected to the favorite setting operation.

## Silent mode control

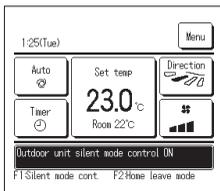
The OU is controlled with priority on quietness. You can start/stop the silent mode control.

### [Starting control with [Menu] button]

- 1 Tap the [Menu] button on the TOP screen and select [Useful functions] => [Silent mode control].  
The administrator password input screen is displayed.  
Enter the administrator password.



- 2 The Silent mode control (Start/End) screen is displayed.  
Tap the [Start] button to start the silent mode control.  
To terminate the silent mode control, tap the [End] button.



- 3 During silent mode control, "Outdoor unit silent mode control ON" will be displayed on the message display.
  - Silent mode control will not be disabled even if you press the [Run/Stop] switch.
  - When the sub R/C is set, the silent mode control cannot be used.
  - During silent mode control, operation with maximum capacity is not allowed.

### [Starting control with **F1** or **F2** switch]

Change the **F1** (**F2**) switch function to the silent mode control in the **F1** (**F2**) function setting.

When you press the **F1** (**F2**) switch, the administrator password input screen is displayed. After you enter the password, the silent mode control will start.

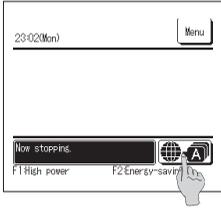
To terminate the silent mode control, press the **F1** (**F2**) switch again.

■ This operation is to select enable/disable of silent mode control. You cannot start the operation with the **F1** (**F2**) switch during stop. Start the operation with the **Run/Stop** switch.

## Select the language

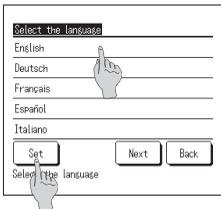
Select the language to be displayed on the R/C.

### [Selecting the language with the **Select the language** button]



1 Tap the **Select the language** button on the TOP screen while the air conditioner is stopped.

■ Depending on how the Permission/Prohibition setting (\*\*Refer to user's manual.) is set, the administrator password input screen may be displayed.



2 The menu for select the language is displayed.

Select the language to be displayed on the R/C and tap the **Set** button.

You can select from the following languages:

English/German/French/Spanish/Italian/Dutch/Turkish/Portuguese/Polish

### [Selecting the language with the **Menu** button]

1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Select the language**.

■ Depending on how the Permission/Prohibition setting (\*\*Refer to user's manual.) is set, the administrator password input screen may be displayed.

2 The menu for setting the language selection is displayed.

Select a language to be displayed on the R/C and tap the **Set** button.

## Auto anti draft ctl

You can set each blow outlet operation for auto anti draft ctl and can also enable/disable for allow to air flow volume up.

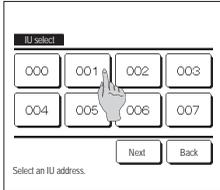
- When the R/C is set as the sub R/C, the auto anti draft ctl cannot be set.

1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Auto anti draft ctl**.

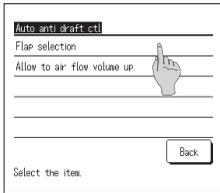
You can also use the **[F1]** and **[F2]** switches to perform this operation.

Set the auto anti draft ctl to the **[F1]** (**[F2]**) switch using the Switch function to perform this operation.

- If no IU equipped with auto anti draft ctl function is connected, a message "Invalid request." is displayed on the R/C screen.
- Depending on how the Permission/Prohibition setting (≠Refer to user's manual) is set, the administrator password input screen may be displayed.



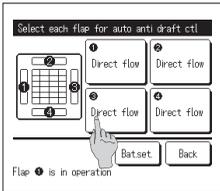
2 When two or more IUs are connected to the R/C, a list of IUs is displayed. Tap the IU to be set.



3 Tap a desired item.

- 1 Flap selection..... You can set each blow outlet operation for auto anti draft ctl. (≠#25)
- 2 Allow to air flow volume up.... You can set Enable/Disable for allow to air flow volume up. (≠#25)

### ■ Flap selection

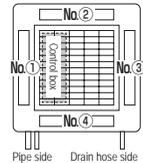


1 Select the blow outlet number to set auto anti draft ctl.

- The flap at blow outlet No. ① will keep moving while the blow outlet selection screen is displayed. Select the flap based on this figure. When you have selected the blow outlet, the flap with the number you selected will move. The figure displayed on the screen shows the installed unit viewed from the floor side.

#### Advice

- This operation will not be performed when auto anti draft ctl is set during operation.
- You can set all blow outlets at once by tapping the **[Bat.set]** button.



Blow outlet No. [For FDT]

2 Select the operation for each blow outlet.

Direct flow..... Changes the flap direction toward the detected subject.

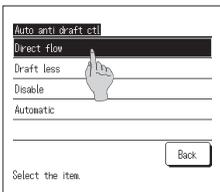
If you select direct flow while anti draft is running, anti draft will stop.

Draft less..... Does not change the flap direction set using the R/C when anti draft is activated.

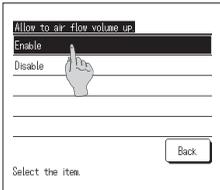
When anti draft is not activated, the flap direction changes to horizontal.

Disable..... Does not change the flap direction set using the R/C.

Automatic..... It automatically changes the flap direction and anti draft ON/OFF depending on the room temperature and floor temperature.



### ■ Allow to air flow volume up.



1 Select Enable/Disable.

- Air flow volume up is only available for the blow outlet for which direct flow or automatic is selected in flap selection.

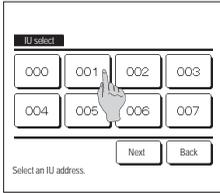
## Wireless interface setting

Set the various settings related to the wireless interface.

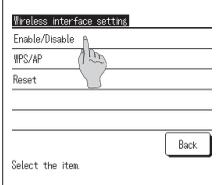
■ When the R/C is set as the sub R/C, the wireless interface setting cannot be set.

1 Tap the  button on the TOP screen and select  ⇒ .

■ If no IU equipped with wireless interface function is connected, a message "Invalid request." is displayed on the R/C screen.



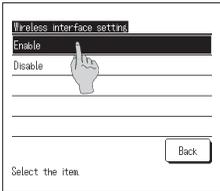
2 When two or more IUs are connected to the R/C, a list of IUs is displayed. Tap the IU to be set.



3 Tap a desired item.

- ① Enable/Disable.... You can set Enable/Disable for wireless interface setting. (≠26)
- ② WPS/AP ..... You can set the communication mode for wireless interface. (≠26)
- ③ Reset..... You can resets the wireless interface setting. (≠26)

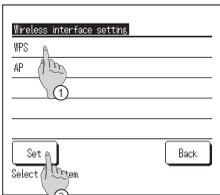
### ■Enable/Disable



1 Select Enable/Disable.

■ Even if enable is selected, when the communication setting with the server is not configured by the application, wireless interface communication will not occur.

### ■WPS/AP



1 Select WPS/AP. The selected communication mode will be displayed in black.

2 After you select the communication mode, tap the  button.

\* If you do not tap the  button on this screen, the communication mode will not be set.

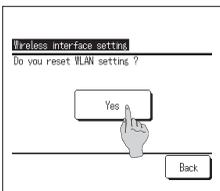
■ After setting using the R/C, you need to set from the application "Smart M-Air".

For information about how to install and operate "Smart M-Air", refer to the "WF-PAC-E" manuals on the MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD. website.

HP: [http://www.mhi-mth.co.jp/en/products/detail/air-conditioner\\_users\\_manual.html](http://www.mhi-mth.co.jp/en/products/detail/air-conditioner_users_manual.html)



### ■Reset



1 Tap the  button.

■ If the reset operation is performed, all the wireless interface settings will be reset. To perform wireless interface communication again, you need to configure the settings from the R/C and application.

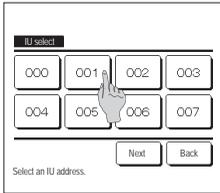
## Control mode & Eco level

Automatically controls the capacity depending on the R/C set temperature and the indoor temperature, which enables the energy-saving operation without sacrificing comfort.

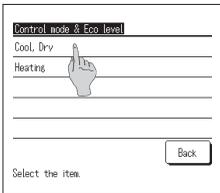
■ When the R/C is set as the sub R/C, the control mode & eco level cannot be set.

1 Tap the **Menu** button on the TOP screen and select **Useful functions** ⇒ **Control mode & Eco level**.

■ If no OU equipped with control mode & eco level function is connected, Control mode & Eco level will not be displayed.



2 When two or more IUs are connected to the R/C, a list of IUs is displayed. Tap the IU to be set.

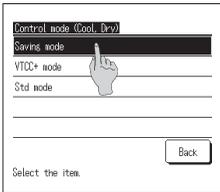


3 Tap a desired item.

① Cool, Dry.....You can set the control mode for Cooling or Dry.

② Heating.....You can set the control mode for Heating.

■ The rest of the procedure is the same for both items.



4 Select the control mode.

① Saving mode..... Most energy saving mode.

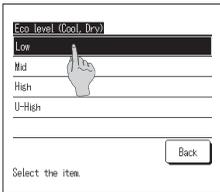
Suitable for low cooling/heating demand in the building.

② VTCC+ mode..... Most balanced mode between capacity control and energy saving.

Suitable for cooling/heating demand varies among the room in the building.

③ Std mode..... Capacity is maximised.

Suitable for high cooling/heating demand in the building.



5 Select the eco level.

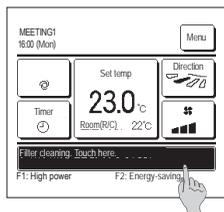
Eco level: U-High > High > Mid > Low

■ The eco level can be set only when "Saving mode" or "VTCC+ mode" is selected in control mode.

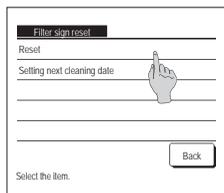
# 6. Maintenance and After-sale service

## Filter sign reset

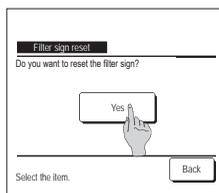
In order to announce the time for cleaning of the air filter, the message of "Filter cleaning. Touch here." is displayed when the cumulative operation time of the IU reaches the preset time. After you clean the filter, you must reset the operation time.



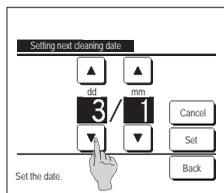
- 1 Tap the message display on the TOP screen.  
You can also perform filter sign reset from the menu before the message "Filter cleaning. Touch here." is displayed. Tap the **Menu** button on the TOP screen and select **Filter** ⇒ **Filter sign reset**. You can also use the **F1** and **F2** switches to perform this operation.  
Set the filter sign reset to the **F1** (**F2**) switch using the Switch function to perform this operation.



- 2 The filter sign reset menu screen is displayed.  
To reset the filter sign, tap **Reset**.  
(⇒3)  
To set next cleaning date, tap **Setting next cleaning date**. (⇒4)



- 3 Acknowledge screen for the Filter sign reset screen is displayed.  
Tap the **Yes** button.  
If you do not want to reset, tap the **Back** button.



- 4 The Setting next cleaning date screen is displayed.  
Select a desired date with the **▲** **▼** buttons and tap the **Set** button.  
The message of "Filter cleaning. Touch here." will be displayed on the set date.

**Advice**

- When setting next cleaning date, the Clock setting must be made.

## Maintenance of unit and LCD

- Wipe the surface of LCD and main body of the remote control with a dry cloth when cleaning is required.
- If the dirt on the surface cannot be removed, soak the cloth in neutral detergent diluted with water, squeeze the cloth tightly, and clean the surface. Wipe the surface with a dry cloth then.

### Note

Do not use any paint thinner, organic solvent, or strong acid.

## ⚠ Warning



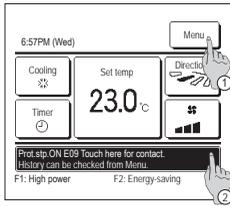
**Do not use flammable materials (e.g. hairspray or insecticide) near the unit.**

**Do not clean the unit with benzene or paint thinner.**

It could cause crack damage to the unit, electric shocks, or fire.

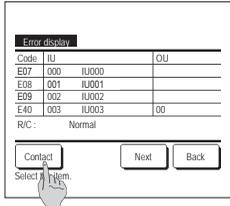
## Contact company & Error display

If any error occurs on the air conditioner, the "Unit protection stop" is indicated on the message display. Take the following measures, stop the operation and consult your dealer.

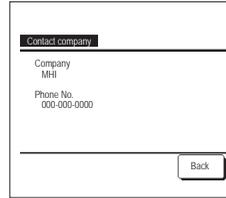


1 "Prot.stp.ON E09 Touch here for contact. History can be checked from Menu." will be displayed on the message display.

- ① To check the error contents, tap the  button. (#\*2)
- ② To check the company information, tap the message display. (#\*3)



2 Contents of error are displayed.  
After checking the error contents (Code), tap the  button.



3 Company information (Name and phone No. of contact) is displayed.  
This is displayed when it has been preset by your dealer.

## Notice of inspection date

If the next service date is set on the Service & Maintenance menu by your dealer, the following screen is displayed for 5 seconds at the start of operation and for 20 seconds from the end of operation on the beginning of the month which includes the set date.

When this screen is displayed, contact your dealer.



When the period of use exceeds 10 years, the screen shown at left is displayed.  
When this screen is displayed, contact your dealer.

## After-sale service

### ● Inform your dealer

- Model name
- Date of installation
- Failure conditions: As precise as possible.
- Your address, name, and telephone number

### ● Moving

The moving of the unit requires special technology. Consult your dealer.  
Necessary expenses for the moving of the unit will be charged.

### ● Repairs after Warranty Period

Consult your dealer. Fare-paying services may be possible at the request of customer.  
(The warranty period is one year counting from the date of installation.)

### ● Inquiry about After-sale Service

Contact your dealer or the service contact.







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<https://www.mhi.com/group/maco/>