This air conditioner complies with EMC Directive 2004/108/EC, LV Directive 2006/95/EC.


Dieses Klimagerät erfüllt die EMC Direktiven 2004/108/EC, LV Direktiven 2006/95/EC.

Este condensatore di aria è conforme alla Direttiva EMC: 2004/108/EC, LV Direttiva 2006/95/EC.

Questo condizionatore d’aria è conforme alla Direttiva EMC: 2004/108/EC, Direttiva LV 2006/95/EC.

Il condizionatore di aria è conforme alla Direttiva EMC: 2004/108/EC, Direttiva LV 2006/95/EC.

Questo acondicionador de aire cumple con la directiva EMC: 2004/108/EC, LV Directiva 2006/95/EC.

Este aparato de aire acondicionado está conforme con la Directiva EMC: 2004/108/EC, Dirección LV 2006/95/EC.

Este aparato de aire acondicionado está conforme con la Directiva EMC: 2004/108/EC, Dirección LV 2006/95/EC.

Este dispositivo de aire acondicionado es conforme con la Directiva EMC: 2004/108/EC, Directiva LV 2006/95/EC.

Este dispositivo de aire acondicionado es conforme con la Directiva EMC: 2004/108/EC, Directiva LV 2006/95/EC.
SAFETY PRECAUTIONS

Please read these "SAFETY PRECAUTIONS" before starting to use this product and use the product appropriately according to the instructions.

The precautions provided here are classified into " △ DANGER" and " △ △ CAUTION". The " △ DANGER" sections describe potentially hazardous situations that may lead to serious outcomes such as death and serious injuries if the product is mishandled. Note, however, that depending on the situation, the items listed in the " △ △ CAUTION" sections also have the potential of causing serious outcomes. Both warnings and cautions provide you important information related to safety; please make sure to observe them.

The symbols used throughout the main text of this manual have the following meaning.

△ marks mean danger, alarm, and caution. The specified prohibited item is described in the circle. The left mark means "Shock hazard alarm".

△ △ marks mean compulsory action or instruction. The specified prohibited item is described in the circle. The left mark means "Earth is needed".

After you have read the manual, always store it where other users can refer to at any time. If a new owner takes over the system, make sure to pass this manual.

INSTALLATION PRECAUTIONS

△ DANGER

Make sure to have the installation done by your dealer or a specialist.
If you install by yourself and the unit is not properly installed, water leakage, electric shock, fire and injuries caused by the drop of the unit may occur.

Electrical installation work must be performed by an electrical installation
service provider qualified by a power provider of the country. Electrical installation work must be executed according to the technical standards and other regulations applicable to electrical installations in the country.

The preventive measures that the density of leaked refrigerant does not exceed the limit is necessary in case of installing the unit in a small room. The leakage of refrigerant may cause oxygen deficiency accident. Consult your dealer for the measures.

**CAUTION**

Make sure to perform grounding work.
Do not connect grounding wire to any gas pipe, water pipe, conductor rods or telephones. Incomplete grounding may cause electric shock through leakage of electricity.

Make sure to mount a leakage breaker.
Otherwise electric shock may occur.
Please consult your dealer or a specialist for the mounting.

Do not mount where flammable gas leakage can happen.
If leaked gas stagnates around the unit, the gas may cause fire.

Make sure to layout the drain pipe so that the water is completely drained.
Otherwise, water may leak and wet household goods.

**OPERATION PRECAUTIONS**

**DANGER**

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.
Cleaning and user maintenance shall not be made by children without supervision.
Do not expose yourself directly to cooled air for a long time or cool too much.
It may be cause of deconditioning or health disorder.
Do not insert fingers or sticks into the air inlet or outlet grilles.
It may cause injuries because of the fan rotating at high speed.

If the unit has been submerged under water due to a natural disaster such as flood or typhoon, consult your dealer before using it again.
If you use it as it stands, it may lead to failure, electric shock or fire.
If any abnormal symptom (scorched flavor etc.) is found, cut off the power and stop the operation.
Then consult your dealer. If you use it as it stands, it may lead to failure, electric shock or fire.
One of the causes of poor cooling or poor heating may be refrigerant leakage. Please consult your dealer.
If the repair requires additional refrigerant, determine the service with the service staff. The refrigerant of air conditioner is not toxic.
Normally the refrigerant does not leak. But if it leaks and contacts fire such as fan heater, space heater or cooking heater, it may produce toxic chemicals.
Do not insert fingers or sticks even if air blower does not operate.
It may suddenly operate and cause injuries.

CAUTION

Do not use for particular purpose such as the storage of food, animals and plants, precision apparatus and arts etc.
Storage goods may degrade.

Do not operate the button with wet hand.
It may cause electric shock.

When a burning appliance is used together with the unit, ventilate frequently.
If ventilation is not sufficient, it may cause oxygen deficiency accident.

Do not place a burning appliance where the airflow from the unit is directly blown.
It may cause the imperfect combustion of the equipment.

Make sure that the unit installation foundation is not damaged due to long-term use.
If it is left to stand, the unit may fall down causing injury.

Do not wash the unit with water, nor place a vase with water on the unit.
It may cause electric shock or ignition.

Do not install the unit where the airflow is directly blown to animals and plants.
They may suffer from adverse effect.
Before cleaning, make sure to stop operation and cut off the power.
Otherwise, the fan inside may unexpectedly start operation, leading to injury.

Make sure to use proper size of fuse.
Using steel wire or copper wire may lead to failure or fire.

Do not store a flammable spray etc. near the unit, nor blow directly to the unit.
It may lead to fire.

Before maintenance, make sure to stop operation and cut off the power.
It may cause injuries because of the fan rotating at high speed.

Do not place any other electric appliances or household goods below or around the air conditioner.
Dripping from the unit may lead to failure or contamination.

Do not touch the aluminum fin.
Otherwise, it may lead to injuries.

Do not clean the inside of the indoor unit by yourself. Make sure to consult your dealer or user inquiry counter specified by our company.

If you select incorrect detergent or improper method, resin parts may be damaged and lead to water leakage.
If the detergent is dropped on the electric component or motor, it may lead to failure, smoking or ignition.

Do not place objects on the indoor and outdoor unit, nor mount on it.
It may lead to injuries resulting from dropping or falling.

During the operation or maintenance, do not use an unstable footrest.
It may lead to injuries resulting from falling.

The stepladder used for removing and attaching the air filter must be fixed firmly.
Otherwise, it may lead to injury due to overturn or fall.

Be careful so that the dust does not get into your eyes when removing the air filter.

Do not operate the air conditioner while the air filter is removed.
Piled up dust may lead to malfunction.

During thunderstorm, stop the operation and turn off the switch.
A lightning strike may lead to failure.

After several seasons of operating, inspections and maintenances are required except routine care and cleaning.
Accumulated dirt or dust inside the indoor unit may cause odor, water leakage through the clogging of water discharging pipe for dehumidification. Specialized information and skills are required for inspections and maintenances. Therefore contact your dealer.

Do not place any object around the outdoor unit, nor allow fallen leaves to pile up.
Fallen leaves may induce insects and worms in them, and they may lead to failure, ignition or smoking by touching electric components.

Do not use with inlet/outlet grilles or other panel removed.

Do not operate or stop the unit by using the power supply switch.
It may lead to fire or water leakage. If auto restart is set effectively, the fan may rotate suddenly causing injuries.

Do not touch blowout port when the swing louver moves.
Otherwise, it may lead to injuries.

Do not strain the remote control cord.
A part of core wire may be cut off causing electric leakage.

Do not use water heater etc. near the indoor unit or remote control.
If a Vapor-generating appliance is used near them, it may lead to water drop causing electric leakage or short circuit.

Do not use the unit where powder or fiber is floating.
Fine powder or fiber passing through the air filter may stagnate inside the unit and lead to electric leak or short circuit.

Do not use the unit where powder or fiber is floating.
Fine powder or fiber passing through the air filter may stagnate inside the unit and lead to electric leak or short circuit.

Do not place objects on the unit.
It may lead to injuries resulting from dropping or falling.

Do not use water heater etc. near the indoor unit or remote control.
If a Vapor-generating appliance is used near them, it may lead to water drop causing electric leakage or short circuit.

Do not use the unit where powder or fiber is floating.
Fine powder or fiber passing through the air filter may stagnate inside the unit and lead to electric leak or short circuit.

Do not place objects on the unit and around it which must avoid being exposed to water.
Over 80 percent humidity or the clogging of drain pipe may damage them through dew dropping.

Do not let the foreign matters enter the indoor unit through the air outlets.
This may cause the dumper inoperable.

Before cleaning, make sure to stop operation and cut off the power.
Otherwise, the fan inside may unexpectedly start operation, leading to injury.

Make sure to use proper size of fuse.
Using steel wire or copper wire may lead to failure or fire.

Do not store a flammable spray etc. near the unit, nor blow directly to the unit.
It may lead to fire.

Before maintenance, make sure to stop operation and cut off the power.
It may cause injuries because of the fan rotating at high speed.

Do not place any other electric appliances or household goods below or around the air conditioner.
Dripping from the unit may lead to failure or contamination.

Do not touch the aluminum fin.
Otherwise, it may lead to injuries.

Do not clean the inside of the indoor unit by yourself. Make sure to consult your dealer or user inquiry counter specified by our company.
Before repairing or checking indoor unit, be sure to turn off "indoor unit power supply breaker". It can result in electric shock or injury due to rotation of indoor unit fan if you perform check or repair with the "indoor unit power supply breaker" turned on.

Place the panels removed for repairing or checking on the stable spot. Otherwise, dropping or falling may lead to injury.

### PRECAUTIONS FOR WASTE DISPOSAL

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

### NAMES AND FUNCTIONS OF REMOTE CONTROL BUTTONS (WIRED REMOTE CONTROL)

- **Operation/stop button**: This button is used to operate and stop the air conditioning system. Press the button once to operate the system and press it once again to stop the system.
- **MODE button**: This button is used to change the operation mode.
- **FAN SPEED button**: This button is used to set the airflow volume.
- **VENT button**: This button is used to operate external ventilator. See page 12
- **LOUVER button**: This button is used to operate/stop the swing louver. See page 11
- **SET button**: This button is used to apply the timer operation setting. See page 5 to 12
- **RESET button**: This button is used at servicing. Pressing this button while making settings will go back to the previous operation. This button is also used to reset the "FILTER CLEANING" display. (Press it after cleaning the air filter)
- **E.S.P. button**: This button is used at servicing.
- **AIR CON No. button**: Display the indoor unit number connected to this remote control. This button is used for indoor unit address setting.
- **CHECK button**: This button is used at servicing.
- **TEST button**: This button is used during test operation.
- **mgr button**: This button is used during ventilation operation. Displayed during ventilation operation See page 12
- **Weekly timer display**: Displays the settings of the weekly timer. Displays the settings of the weekly timer. See page 12
- **Operation setting display area**: Displays the setting temperature, airflow volume, operation mode and operation message.
- **Operation/check indicator light**: During operation: Lit in green In case of error: Flashing in red
- **Operation/stop button**: This button is used to operate and stop the air conditioning system. Press the button once to operate the system and press it once again to stop the system.
- **Operation/check indicator light**: During operation: Lit in green In case of error: Flashing in red
- **Operation/stop button**: This button is used to operate and stop the air conditioning system. Press the button once to operate the system and press it once again to stop the system.
- **Operation/stop button**: This button is used to operate and stop the air conditioning system. Press the button once to operate the system and press it once again to stop the system.
HOW TO OPERATE (Dehumidifying operation is prohibited for FDU-F)  < WIRED REMOTE CONTROL >

THE SELECTION OF TIMER MODE

1. Press TRAINER button.  The selection of timer mode is displayed according to the model of indoor unit.
2. Press ▲ or ▼ button.  By pressing ▲ or ▼ button, it is possible to choose the item to set.  Current day of the week and current time are displayed.
3. Press TRAINER button.  It enters the timer mode.  Functions of each timer operation

- Sleep timer
  When the setting time elapses, the unit stops operating
  Operation mode: COOL, FAN
- OFF timer
  The unit stops operating at the set time
  Operation mode: COOL, FAN
- WT AF (Timer set by one week)
  Once Weekly timer is set, the unit performs the same operation every week.
- On timer
  You can set only one time at a time.
- Sleep timer
  You can set only one time at a time.

How to set the timer

1. Press TRAINER button.  "Current day of the week and "Current time " are displayed.
2. Press ▲ or ▼ button.  By pressing ▲ or ▼ button, it is possible to choose the item to set.
3. Press ▲ or ▼ button.  "Current time " is displayed.
4. Press ▲ or ▼ button.  You can set only one time at a time.
5. Press ▲ or ▼ button.  You can set only one time at a time.

Combination of modes that can be set together

- Sleep timer × Off timer
- Sleep timer × Weekly timer
- Sleep timer × WT AF
- Off timer × Weekly timer
- Off timer × WT AF
- Weekly timer × WT AF

How to cancel the timer

1. Press TRAINER button.  The selected timer mode is set.
2. Press ▲ or ▼ button.  For setting of each timer mode, see next page and thereafter.
3. Each timer mode can be set in past.  The following combinations are available.

If you select a combination of modes that cannot be set together

1. Press ▲ or ▼ button.  Combination of modes that cannot be set together "Invalid operation" is displayed.
2. Press ▲ or ▼ button.  It is possible to choose the item to set.
3. Press ▲ or ▼ button.  It returns to the original display.

How to return to the original display

If you press the  COOL button while timer mode is in operation, timer mode is finished and the display will return to the original display.  Note that the setting which has not been completed is canceled.

If you have set the ON timer mode and either the OFF timer or Sleep timer mode at the same time, the OFF timer or Sleep timer mode is prioritized.

If you press the  TRAINER button and "Weekly timer " is displayed, the button cannot be operated because the operation button is disabled.  If you want to cancel the operation, press the TRAINER button.

If you do not press any button for several minutes after pressing the TRAINER button, Timer mode ends and return to the original display.

If a power failure occurs, the specified timer settings will be canceled except Sleep timer.  Weekly timer setting will return to the condition that all days of the week selected as "holidays."
TOPIC: HOW TO PERFORM THE TIMER OPERATION

**Wired Remote Control**

**Setting Time**

Timer operation is performed on the time set by the steps described in this section. Make sure to set the time to the current time correctly.

1. Press TIMER button.
   - The display area shows: "Current day of the week" and "Current time" are displayed.
   - Display area: 6:30 AM
2. Press SET button.
   - The display area shows: 6:30 AM (current time)
3. Press ▲ or ▼ button.
   - Align the ▲ mark above the day of the week to the current day of the week.
4. Press SET button.
   - The day of the week is marked, and the flashing of "current time" is displayed in the display area.
5. Press ▲ or ▼ button.
   - Set the "current time." (Lights for two seconds)
6. Press 0/0/0/0 button.
   - The timer mode is finished.

**Sleep Timer Mode**

After certain period has elapsed, the unit stops operating.

1. Press TIMER button.
2. Press ▽ button twice.
   - The display changes as below.
   - Display area: 6:30 AM
3. Press SET button.
   - Display: 6:30 AM
4. Press ▽ or ▼ button.
   - The display changes as below. Set as you like.
   - Display: 6:30 AM
5. Press SET button.
   - Sleep timer has been set.
   - If the Sleep timer is set while the unit is operating, the Stop button is canceled and the display will return to the original display.
6. Press 0/0/0/0 button.
   - The timer mode is finished.

**Off Timer Mode**

The unit stops operating at each setting time once it is set.

1. Press TIMER button.
2. Press ▽ button twice.
3. Press SET button.
4. Press ▽ or ▼ button.
   - The display changes as below.
   - Display: 6:30 AM
5. Press SET button.
   - Off timer has been set.
   - If the Off timer is set while the unit is operating, the Stop button is canceled and the display will return to the original display.
6. Press 0/0/0/0 button.
   - The timer mode is finished.

**Attention**

- If you press [SET] button while timer mode is operating.
- Timer mode is canceled, and the display will return to the original display. Note that the setting which has not been completed is canceled.
- If you do not press any button for several minutes after setting the timer ends, the timer mode ends and returns to the original display.

**Notice**

- If you press [SET] button while timer mode is operating, the time of operation is changed.
- If you do not press any button for several minutes after setting the OFF timer, the timer mode ends and returns to the original display.

**Notice**

- After setting the OFF timer has been set.
- If the OFF timer is set after the unit stops, it starts operating.

---

**Attention**

- If you press [SET] button while timer mode is operating.
- Timer mode is canceled, and the display will return to the original display. Note that the setting which has not been completed is canceled.
- If you do not press any button for several minutes after setting the timer ends, the timer mode ends and returns to the original display.

**Notice**

- If you press [SET] button while timer mode is operating, the time of operation is changed.
- If you do not press any button for several minutes after setting the OFF timer, the timer mode ends and returns to the original display.
**HOW TO PERFORM THE TIMER OPERATION  < WIRED REMOTE CONTROL >**

The unit starts to operate at the set time. It is possible to set temperature at which you want to start the operation. One setting results in one operation only.

- **ON timer** and either **Sleep timer** or **OFF timer** are set together, **OFF timer** (or **Sleep timer**) shows "is displayed. The unit starts to operate at the set time. It is possible to set temperature at which you want to start the operation.

1. **Press** TIMER button.
2. **Press** button for three times.
3. **Press** SET button.
4. **Press** or button. Set the preferred time to start the operation.
   - **Set time**
     - If you press a or button for a while, "Timer" display is changed by one hour, and stops when you stop pressing.
     - Stop timer
   - **Reset time**
     - If you press the or button, the display returns to the previous screen.
5. **Press** SET button.
6. **Press** or button.
7. **Press** SET button.
8. **Press** or button to set temperature.
9. **Press** SET button.
10. **Press** button.

**ATTENTION**
- **Note**
  - Do not press any button for several minutes if temperature is not set.

**WEEKLY TIMER SETTING**

1. In the Weekly timer mode, select "MON" or "FRI", and then "SUN" to "SAT" (every day) with respect.
2. Press or button. Set the preferred time to start the operation.
3. **Press** button.
4. **Press** button. By pressing or button, it is possible to choose the item to set.
5. **Press** button.
6. **Press** button. By pressing or button, it is possible to choose the item to set.
7. **Press** button.
8. **Press** button. By pressing or button, it is possible to choose the item to set.
9. **Press** button.
10. **Press** button.
11. **Press** button.
12. **Press** button.
13. **Press** button.

**EXAMPLE**

- Four operations can be set with only ON timer or only OFF timer.

**WARNING**

- On timer and other Sleep timer or OFF timer are set together, OFF timer (or Sleep timer) shows preference.
If you select a day of the week for which setting have already been mode, all the timer numbers that have been set are displayed. And the details of the timer setting for the number which has “◄” mark is displayed. You can modify the selected setting by overwriting it.

In case you set ON timer and OFF timer operating at the same time, OFF timer will be effective.

If the same two time are set for ON timer on the same day, the lower number shows preference.

Display after Weekly timer Modes Setting

- The ▼ mark is displayed above the current day of the week.
- The display of all the timer operation numbers set for the current day is turned off. The ▼ mark indicates the next setting number to be activated, and the set time is displayed.
- The timer operations are executed in order, and the number and time display is turned off when all the timer operations for the current day is completed.

If you press ▼ button while timer mode is operative, timer mode is canceled and the display will return to the original display.

If you do not press any button for several minutes after entering the timer mode, the timer mode ends and returns to the original display.

HOW TO PERFORM THE TIMER OPERATION

1 Press ▲ or ▼ button.

2 Press ▲ or ▼ button.

3 Press ▲ button.

4 Press ▲ button and “▌” is displayed.

5 Press ▲ or ▼ button.

6 Press ▲ button and “▌” is displayed.

7 Press ▲ or ▼ button.

8 Press ▲ or ▼ button. The ▼ mark is displayed.

9 Press ▲ or ▼ button.

10 Press ▲ or ▼ button.

11 Press ▲ or ▼ button.

12 Press the temperature setting buttons ▲ or ▼.

13 Press ▲ or ▼ button.

14 Press ▲ or ▼ button.

15 Press ▲ or ▼ button.

16 Press ▲ or ▼ button.
### HOW TO PERFORM THE TIMER OPERATION

**WIRE REMOTE CONTROL**

#### Weekly timer Holiday Setting

It is possible to disable the timer settings temporarily which has been already set by applying Holiday Set on a particular day of the week. When the Holiday setting is cancelled, the timer setting is enabled again.

1. **In the Weekly timer mode, select and set**
   - Press [SET] button.
   - The indicator of Weekly timer mode display is turned off and the following display is displayed.

2. **Press [▲] or [▼] button.**
   - Move the " mark above the day of week set as holiday.

3. **Press [SET] button.**
   - The " mark is cancelled and the display returns to the previous screen and display "Holiday Cancel".

4. **Press [▲] or [▼] button.**
   - If you press the [▲] or [▼] button while timer mode is operational, Timer mode is cancelled and the display will return to the original display.

   - If you do not press any button for several minutes after entering the timer mode, the timer mode ends and return to the original display.

#### Weekly timer Holiday Setting

If you press [SET] button when the [▲] or [▼] buttons are displayed or press "MON" to "FRI", and then "SUN" to "SAT" (every day) with [▲] or [▼] button, the day set as a holiday is lit with ( ), and the display returns to the previous screen.

#### Weekly timer Holiday Setting Canceling

1. **In the Weekly timer mode, select and set**
   - Press [SET] button.

2. **Press [▲] or [▼] button.**
   - Move the " mark above the day of week set as holiday.

3. **Press [SET] button.**
   - The " mark is cancelled and the display returns to the previous screen and display "Holiday Cancel".

4. **Press [▲] or [▼] button.**
   - If you press the [▲] or [▼] button while timer mode is operational, Timer mode is cancelled and the display will return to the original display.

   - If you do not press any button for several minutes after entering the timer mode, the timer mode ends and return to the original display.

#### Weekly timer Checking

1. **In the Weekly timer mode, select and set**
   - Press [SET] button.

2. **Press [▲] or [▼] button.**
   - Move the " mark displayed above the day of week to the day to display the settings in the reverse order.

3. **Press [▲] or [▼] button.**
   - If you press the [▲] or [▼] button while timer mode is operational, Timer mode is cancelled and the display will return to the original display.

   - If you do not press any button for several minutes after entering the timer mode, the timer mode ends and return to the original display.

4. **Press [▲] or [▼] button.**
   - If you press the [▲] or [▼] button while timer mode is operational, Timer mode is cancelled and the display will return to the original display.

   - If you do not press any button for several minutes after entering the timer mode, the timer mode ends and return to the original display.
HOW TO PERFORM THE TIMER OPERATION  

**TIMER CANCELLATION MODE**

1. Press TIMER button. The timer mode begins. The current "day of the week" and "time zone" are displayed.

2. Press ▼ button for five times. The selected "week day" is displayed (flashing).


4. Press ▲ or ▼ button. By pressing ▲ or ▼ button, it is possible to choose the item to cancel. The setting display turns off, and returns to original display.

5. Press CANCEL button. The selected setting of remaining timer mode are displayed as shown below. (But if no timer is selected, "Cancel Setting" is displayed.)

6. Press SET button. The selected setting is canceled, and the display returns to the original display.

7. Press OFF button. Timer mode ends.

---

HOW TO OPERATE IN SILENT MODE

**SILENT MODE**

When the silent mode is set, the unit operates more silently reducing noise from the outdoor unit. The remote control goes into silent mode setting and the following is displayed. Once the system is set to operate with the silent mode, the setting is applied every time it is canceled.

**Silent Mode Setting**

1. In the timer mode, set the current day of the week and current time, e.g. 2 3 4 5 6 7.

2. Press SET button for three seconds or more. The remote control goes into silent mode setting and the following is displayed.

3. Press ▲ or ▼ button. "ON TIME SET" is displayed.

4. Press ▲ or ▼ button. The following setting is displayed.

5. Press RESET button. The ON TIME is set and the following is displayed.

6. Press SET button. The OFF TIME is set, and the following is displayed.

7. Press ▲ or ▼ button to select the duration. When you press ▲ or ▼ button, the duration increases or decreases by two minutes.

8. Press SET button. The following setting is displayed. The remote control goes into silent mode setting and the following is displayed. Note that the setting which has not been completed is canceled.

**NOTICE**

- If you select "OFF TIME SET," press the SET button for three seconds or more. (At the OFF time : On) The remote control goes into silent mode setting and the following is displayed. After the silent mode is set, the following is displayed.

- If you select "ON TIME SET," "OFF TIME SET," or "OFF TIME SET+CANCEL," then press the SET button for three seconds or more. (At the ON time : Off) The remote control goes into silent mode setting and the following is displayed. After the silent mode is set, the following is displayed.
**HOW TO ADJUST THE LOUVER**

### WIRED REMOTE CONTROL

1. **ADJUSTING WITH LOUVER BUTTON**
   - Press LOUVER button once, and the current status of louver is displayed.

2. **WHEN THE SWING LOUVER IS FIXED**
   - Press LOUVER button once while the louver is swaying.
   - The display confirms the position of louver.

3. **WHEN THE SWING LOUVER IS SWAYING**
   - Press LOUVER button once.
   - Display shows the position of louver.

**NOTICE**
- Do not move the swinging louver forcibly by hand for the fear that it may be damaged.
- Do not allow dust to adhere to the louver during operating for a long time for fear that dust may be blown down.

---

**HOW TO SET THE AIRFLOW DIRECTION**

1. **CASE OF FDT, FDTC, FDE, FDK, FDFW**
   - Select louver No. 2 for FDFW type.
   - Select louver No. 3 for FDE and FDK type.
   - Select louver No. 4 for FDT and FDTC type.

2. **IN CASE OF FDT, FDTC, FDE, FDK, FDFW**
   - Select the indoor unit of which the louver is set.
   - If No. 1 louver is selected, set the upper limit of the movable range.
   - If No. 2 louver is selected, set the upper limit of the movable range.
   - If No. 3 louver is selected, select the upper limit of the movable range.
   - If No. 4 louver is selected, set the upper limit of the movable range.

3. **SELECTION OF LOUVER NO.**
   - Press a or b button (selection of indoor unit).
   - Selected室内unit is fixed.

4. **SELECTION OF UPPER LIMIT POSITION**
   - Press SET button (determination of upper limit position).
   - Selected indoor unit is fixed.

5. **SELECTION OF LOUVER NO.**
   - Press a or b button (selection of louver No.).
   - Selected louver No. is fixed.

6. **ADJUSTMENT OF LOUVER NO.**
   - Press SET button (determination of indoor unit).
   - Selected indoor unit is fixed.

---

**ADJUSTING WITH LOUVER BUTTON**

- COOL/DRY
  - SELECT 1
  - SELECT 2
  - SELECT 3
  - SELECT 4

- AUTO
  - SELECT 1
  - SELECT 2
  - SELECT 3
  - SELECT 4

- HEAT
  - SELECT 1
  - SELECT 2
  - SELECT 3
  - SELECT 4

**RECOMMENDED LOUVER FIXED POSITION**

- For FDT and FDTC type, in case the louver No. is to be set, select louver No. 2.
- For FDFW type, select louver No. 2.
- For FDE and FDK type, select louver No. 4.
- Other settings selected have no effect.

---

**NOTICE**

- Do not blow downwards during cooling operation for a long time for fear that dew condensation may be formed at the side panel.
- Do not move the swing louver forcibly by hands for fear that it may be damaged.
- The function of the swing louver during the heating preparation, heating/defrost, returns to that of setting.
- The display is switched to stop, and the position of louver is fixed.

---

**HOW TO OPERATE THE SWING LOUVER**

- Press LOUVER button once when the display with the upper limit position is displayed.
- The louver will swing once when the setting is completed.

---

**HOW TO RETURN TO FACTORY SETTING**

- Press LOUVER button and SET button simultaneously for three seconds or more.
- The display is switched to stop, and the position of louver is fixed.
- The function of the swing louver in heating preparation is returned to factory setting
- There is no effect.

---

**HOW TO CONFIRM THE LOUTER NO.**

- Press LOUVER button once while the louver is fixed.
- The display is switched to stop, and the position of louver is fixed.

---

**HOW TO CONFIRM THE UPPER LIMIT POSITION**

- Press LOUVER button once (confirmation of upper limit position).
- The display is switched to stop, and the position of louver is fixed.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION IN CASE OF FDT, FDTC, FDE, FDK, FDFW**

- Press LOUVER button simultaneously for three seconds or more.
- The display is switched to stop, and the position of louver is fixed.
- The function of the swing louver in heating preparation is returned to factory setting.
- There is no effect.
- The display is switched to stop, and the position of louver is fixed.
- The function of the swing louver in heating preparation is returned to factory setting.
- There is no effect.

---

**HOW TO CONFIRM THE UPPER LIMIT POSITION**

- Press SET button (selection of louver No.).
- Selected louver No. is fixed.

---

**HOW TO RETURN TO FACTORY SETTING**

- Press LOUVER button and SET button simultaneously for three seconds or more.
- The display is switched to stop, and the position of louver is fixed.
- The function of the swing louver in heating preparation is returned to factory setting.
- There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.

---

**HOW TO ADJUST THE AIRFLOW DIRECTION**

1. Stop the air conditioner and press SET button and LOUVER button simultaneously for three seconds or more.
2. The display is switched to stop, and the position of louver is fixed.
3. The function of the swing louver in heating preparation is returned to factory setting.
4. There is no effect.
5. The display is switched to stop, and the position of louver is fixed.
6. The function of the swing louver in heating preparation is returned to factory setting.
7. There is no effect.
HOW TO SET THE AIRFLOW DIRECTION

< WIRED REMOTE CONTROL >

1. Press SET button (Fixing of the upper limit position)
   This selects the position in hand and the setting position may be fixed for two seconds. Then proceed to lower limit position setting.

2. Press 0 or 9 button (Selection of lower limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds.

3. Press SET button (Fixing of the lower limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds.

4. Press SET button (Fixing of the lower limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds.

5. Press SET button (Fixing of the lower limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds.

6. Press SET button (Fixing of the lower limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds.

7. Press SET button (Fixing of the upper limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds. Then proceed to lower limit position setting.

8. Press SET button (Fixing of the lower limit position)
   When the current position of louver is fixed, the setting position may be fixed for two seconds.

< WIRELESS REMOTE CONTROL >

1. Press VENT button. (This LED display the current position of louver)
2. Press VENT button again. (This LED display the current position of louver)

NOTICE

If no ventilator is connected, no operation can be performed by pressing the ventilation button.

FOR COMFORTABLE USE

Clean the filter frequently (Refer to page 14)

< WIRED REMOTE CONTROL >

1. Stop the air conditioner.
2. Set the upper limit position of the louver No.1 from the wired remote control.
3. Set the lower limit position of the louver No.1 from the wired remote control.
4. Press the air conditioner once again.
5. Set the upper limit position of the louver No.1 from the wired remote control.
6. Set the lower limit position of the louver No.1 from the wired remote control.
7. Press the air conditioner once again.

< WIRELESS REMOTE CONTROL >

1. Press VENT button. (This LED display the current position of louver)
2. Press VENT button again. (This LED display the current position of louver)

NOTICE

If the ceiling is so high that the warm airflow does not circulate properly during heating, it is recommended to use a circulator.

Do not block the inlet and outlet grilles of the indoor and outdoor units.

Keep moderate room temperature to waste of electricity.

Block direct sunlight and prevent draft.

Do not expose yourself directly to the airflow for too long time.

Close the room windows well during cooling.

Block direct sunlight and prevent draft.

Do not operate the air conditioner if there are any possibility of lightning strikes during a thunderstorm.

Keep moderate room temperature to waste of electricity.

Block direct sunlight and prevent draft.

Do not expose yourself directly to the airflow for too long time.

Close the room windows well during cooling.

Block direct sunlight and prevent draft.

Do not operate the air conditioner if there are any possibility of lightning strikes during a thunderstorm.
**Wired Remote Control**

### Inspection Display, Filter Sign, Air Conditioner Number, Standby, Room Temperature and Back Up Display

#### When the Check Indicator Light (Red Flashes)

- If the air conditioner stops to the error, the check indicator light flashes on the display. The check indicator light is displayed in the ON timer display area and the error display is displayed in the display area.
- **(Bold text is the reader's note)**

#### When the Filter Cleaning Message is Displayed

1. Press the **FUNCTION** button to display the current mode.
2. Press the **FILTER CLEANING** button. The current mode is displayed in the display area. If the mode is displayed more than three seconds, press the **FUNCTION** button to display the current mode.

#### How to Display Air Con No.

1. Press the **AIR CON No.** button. The connected air conditioning unit number is displayed. If the number is displayed for more than three seconds, press the **FUNCTION** button to display the current mode.
2. Press the **Å** button. The number of the connected Air conditioners is displayed. If the number is displayed for more than three seconds, press the **FUNCTION** button to display the current mode.
3. Press the **^** button. The number of the connected Air conditioners is displayed. If the number is displayed for more than three seconds, press the **FUNCTION** button to display the current mode.

#### Standby Display

- **ON** button is pressed while the set time is displayed, the unit enters standby mode. If the **ON** button is pressed again, the room temperature display is restored.

#### Room Temperature Display

- **ON** button is pressed while the set time is displayed, the unit enters standby mode. If the **ON** button is pressed again, the room temperature display is restored.

#### How to Operate

1. Press the **FUNCTION** button to display the current mode.
2. Press the **FILTER CLEANING** button. The current mode is displayed in the display area. If the mode is displayed more than three seconds, press the **FUNCTION** button to display the current mode.
3. Press the **mode** button. The current mode is displayed in the display area. If the mode is displayed more than three seconds, press the **FUNCTION** button to display the current mode.

#### Back Up Display

- **ON** button is pressed while the set time is displayed, the unit enters standby mode. If the **ON** button is pressed again, the room temperature display is restored.

#### Function and Names of Remote Control Button (Wireless Control)

**Remote Control Display**

- **FUNCTION** button: Press to display the current mode.
- **FILTER CLEANING** button: Press to display the current mode.
- **MODE** button: Press to display the current mode.
- **FUNCTION** button: Press to display the current mode.
- **FILTER CLEANING** button: Press to display the current mode.
- **MODE** button: Press to display the current mode.

#### How to Operate

1. Press the **FUNCTION** button to display the current mode.
2. Press the **FILTER CLEANING** button. The current mode is displayed in the display area. If the mode is displayed more than three seconds, press the **FUNCTION** button to display the current mode.
3. Press the **mode** button. The current mode is displayed in the display area. If the mode is displayed more than three seconds, press the **FUNCTION** button to display the current mode.

#### About Remote Control Holders

The remote control holder is designed to hold the remote control in place. To use it, simply slide the remote control into the holder and secure it in place.
HOW TO OPERATE (Dehumidifying operation is prohibited for FDU-F.)

1. If you would like to stop the operation at PM 9:00, the timer is set on the current time. Adjust the current time correctly at first of all. The operation of remote control must be performed slowly and steadily.

**Operation**

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press MODE button. The operation of remote control must be performed slowly and steadily.
3. Press TEMP button. The operation of remote control must be performed slowly and steadily.
4. Press FAN button.
5. Press **OFF** button. The operation of remote control must be performed slowly and steadily.

**Guideline of room temperature setting**

- COOL .............. 23 to 26°C
- HEAT .............. 22 to 24°C
- DRY ............... 21 to 24°C

**Operation mode icons.**

- FAN: Fixed air flow direction
- DRYS: Dries the air conditioner
- HEAT: Heating mode
- COOL: Cooling, dehumidifying mode
- AUTO: AUTO mode operation

**Current operation mode**

When the compressor is stopped, preventing failure of the compressor due to accumulation of liquid refrigerant by keeping the crankcase is conducted and the compressor is heated) Do not turn off the power supply. (The crankcase heater is conducted while the compressor is stopped. If ON/OFF button is pressed during the blinking, fast-forward or fast-backward can be done.

**STOP**

- If ON/OFF button is pressed during the blinking, fast-forward or fast-backward can be done.
- The same time cannot be set for OFF timer and ON timer.

**Current time setting procedure**

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press MODE button. The operation of remote control must be performed slowly and steadily.
3. Press TEMP button. The operation of remote control must be performed slowly and steadily.
4. Press FAN button.
5. Press **OFF** button. The operation of remote control must be performed slowly and steadily.

**Off – timer operation**

1. Press **ON/OFF** button when the air conditioner stops. The air conditioner starts to operate. The setting is completed.
2. Press OFF timer button. The timer is set on the current time. The setting is completed.
3. Press OFF timer button again. The timer is set on the current time. The setting is completed.
4. Press OFF timer button. The timer is set on the current time. The setting is completed.

**Cancellation**

- Press **CANCEL** button to turn off the TIMER display and timer is canceled.
- After TIMER setting, if OFF timer button is pressed before the setting time, TIMER display turns off and the TIMER is canceled.

**Time change**

Press **ON-TIMER** button to set again.

**Program timer operation**

As stopping the OFF timer and OFF timer turns the setting of OFF timer and OFF timer starts operating at the same time of each day by setting program timer once.

**Cancellation**

Press CANCEL button to turn off the OFF timer display and timer is canceled.

Press OFF timer button when the air conditioner stops. The air conditioner starts to operate. The setting is completed.

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press **OFF** button when the air conditioner stops. The operation stops. The setting is completed.
3. Press **OFF** button. The operation stops. The setting is completed.
4. Press **OFF** button. The operation stops. The setting is completed.

**Time change**

Press **ON-TIMER** button to set again.

**Current time setting procedure**

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press MODE button. The operation of remote control must be performed slowly and steadily.
3. Press TEMP button. The operation of remote control must be performed slowly and steadily.
4. Press FAN button.
5. Press **OFF** button. The operation of remote control must be performed slowly and steadily.

**Guideline of room temperature setting**

- COOL .............. 23 to 26°C
- HEAT .............. 22 to 24°C
- DRY ............... 21 to 24°C

**Operation mode icons.**

- FAN: Fixed air flow direction
- DRYS: Dries the air conditioner
- HEAT: Heating mode
- COOL: Cooling, dehumidifying mode
- AUTO: AUTO mode operation

**Current operation mode**

When the compressor is stopped, preventing failure of the compressor due to accumulation of liquid refrigerant by keeping the crankcase is conducted and the compressor is heated) Do not turn off the power supply. (The crankcase heater is conducted while the compressor is stopped. If ON/OFF button is pressed during the blinking, fast-forward or fast-backward can be done.

**STOP**

- If ON/OFF button is pressed during the blinking, fast-forward or fast-backward can be done.
- The same time cannot be set for OFF timer and ON timer.

**Current time setting procedure**

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press MODE button. The operation of remote control must be performed slowly and steadily.
3. Press TEMP button. The operation of remote control must be performed slowly and steadily.
4. Press FAN button.
5. Press **OFF** button. The operation of remote control must be performed slowly and steadily.

**Off – timer operation**

1. Press **ON/OFF** button when the air conditioner stops. The air conditioner starts to operate. The setting is completed.
2. Press OFF timer button. The timer is set on the current time. The setting is completed.
3. Press OFF timer button again. The timer is set on the current time. The setting is completed.
4. Press OFF timer button. The timer is set on the current time. The setting is completed.

**Cancellation**

- Press **CANCEL** button to turn off the OFF timer display and timer is canceled.
- After TIMER setting, if OFF timer button is pressed before the setting time, TIMER display turns off and the TIMER is canceled.

**Time change**

Press **ON-TIMER** button to set again.

**Program timer operation**

As stopping the OFF timer and OFF timer turns the setting of OFF timer and OFF timer starts operating at the same time of each day by setting program timer once.

**Cancellation**

Press CANCEL button to turn off the OFF timer display and timer is canceled.

Press OFF timer button when the air conditioner stops. The air conditioner starts to operate. The setting is completed.

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press **OFF** button when the air conditioner stops. The operation stops. The setting is completed.
3. Press **OFF** button. The operation stops. The setting is completed.
4. Press **OFF** button. The operation stops. The setting is completed.

**Time change**

Press **ON-TIMER** button to set again.

**Current time setting procedure**

1. Press **ON** button. The operation starts and the set temperature is displayed on the liquid crystal area on the remote control.
2. Press MODE button. The operation of remote control must be performed slowly and steadily.
3. Press TEMP button. The operation of remote control must be performed slowly and steadily.
4. Press FAN button.
5. Press **OFF** button. The operation of remote control must be performed slowly and steadily.

**Guideline of room temperature setting**

- COOL .............. 23 to 26°C
- HEAT .............. 22 to 24°C
- DRY ............... 21 to 24°C

**Operation mode icons.**

- FAN: Fixed air flow direction
- DRYS: Dries the air conditioner
- HEAT: Heating mode
- COOL: Cooling, dehumidifying mode
- AUTO: AUTO mode operation
To fix the position of the swing louver:
Press AIR FLOW button when the louver position indication comes to the position where you would like it to be.

Auto swing display stops at the position and then the swing louver stops and become fixed.

**NOTICE**
Press the button and auto swing display stops immediately, then the swing louver stops later, but this is not a failure. (Auto swing display and the actual louver movement of the air conditioner are not synchronized)

The swing louver movement during heat preparation:
When "heat preparation" is displayed, the position of the swing louver sets horizontal automatically. (The display of remote control keeps the set position)
When heat preparation ends and normal operation starts, the position of the swing louver returns to the set position.

**Recommended air flow direction**

$$\text{position (when fixed)}$$

A  B  C  D

**COOL**  **DRY**  **AUTO**  **HEAT**

How to move swing louver:
Press AIR FLOW button when the air conditioner is in operation.

The swing louver moves up and down, and the display moves too.

**NOTICE**
The actual movement of swing louver and that of display are not synchronized but this is not a failure.

**UP AND DOWN ADJUSTING**

How to move swing louver:
Press AIR FLOW button when the air conditioner is in operation.

The swing louver moves up and down, and the display moves too.

**NOTICE**
The swing louver moves up and down, and the display moves too.

To fix the position of the swing louver:
Press AIR FLOW button when the louver position indication comes to the position where you would like it to be.

Auto swing display stops at the position and then the swing louver stops and become fixed.

**NOTICE**
Press the button and auto swing display stops immediately, then the swing louver stops later, but this is not a failure. (Auto swing display and the actual louver movement of the air conditioner are not synchronized)

The swing louver movement during heat preparation:
When "heat preparation" is displayed, the position of the swing louver sets horizontal automatically. (The display of remote control keeps the set position)
When heat preparation ends and normal operation starts, the position of the swing louver returns to the set position.

**FOR COMFORTABLE USE**

See page 12

**ATTENTION**
Do not set the position of the swing louver downwards for a long time. Dew formation on the side panel may drop.
(in case of FDE)

**CHECK INDICATION, FILTER SIGN**

**WHEN LONG FLASHING LIGHT (                      ) IS SHED FROM THE TIMER/CHECK INDICATOR LAMP (YELLOW)**

- Please press the ON/OFF button to stop the unit.

**NOTICE**
For FDTW, FDK, and FDFW, address No. is not shown on display.

- Please press the ON/OFF button to stop the unit.

**WHEN LONG FLASHING LIGHT (                      ) IS SHED FROM THE TIMER/CHECK INDICATOR LAMP (YELLOW)**

- Please press the ON/OFF button to stop the unit.

**NOTICE**
For FDTW and FDFW, address No. is not shown on display.

- Please press the ON/OFF button to stop the unit.

**WHEN LONG FLASHING LIGHT (                      ) IS SHED FROM THE TIMER/CHECK INDICATOR LAMP (YELLOW)**

- Please press the ON/OFF button to stop the unit.

**NOTICE**
For FDTW and FDFW, address No. is not shown on display.

- Please press the ON/OFF button to stop the unit.

**WHEN LONG FLASHING LIGHT (                      ) IS SHED FROM THE TIMER/CHECK INDICATOR LAMP (YELLOW)**

- Please press the ON/OFF button to stop the unit.

**NOTICE**
For FDTW, FDK, and FDFW, check indicator lamp “check1” / “check2” shows error code.
The number of blinking shows the error code number of tens/ones place and check1/check2 corresponds to tens/ones place.
HOW TO MAINTAIN

How to clean the Air Filter
Clean the filter frequently for economical operation.
Caution Before cleaning, stop the operation and turn off the power supply. Otherwise, it may lead to injury as fan inside rotates at high speed.
Caution The stepladder used for removing and attaching the air filter must be fixed firmly. Otherwise, it may lead to injury due to overturn or fall.
Caution Be careful so that the dust does not get into your eyes when removing the air filter.
Caution Do not operate the air conditioner while the air filter is removed. Piled up dust may lead to malfunction.

How to remove
Follow the instruction mentioned below according to the indoor unit type.

Ceiling cassette −4 way− (FDT)

1. Push one side of the inlet panel (pin A side) upward.
2. Disengage the panel from pin A.
3. Disengage the panel from the pin B and remove the panel.
4. Press the knob of the air filter inward, remove the hook area from the air conditioner unit, and remove the air filter.

Ceiling cassette −2 way− (FDTW-KXE6D)
1. Push one side of the inlet panel (pin A side) upward.
2. Disengage the panel from pin A.
3. Disengage the pin B side.
4. Press the knob of the air filter inward, remove the hook area from the air conditioner unit, and remove the air filter.

Ceiling suspended (FDE)

1. Push one side of the inlet panel (pin A side) upward.
2. Disengage the panel from pin A.
3. Disengage the panel from the pin B and remove the panel.
4. Press the knobs of the air filter inward, remove the hook area from the air conditioner unit, and remove the air filter.

Ceiling cassette−4 way Compact (640×600mm)−(FDTC)

1. Push one side of the inlet grille (2 places) to the “OPEN” direction (arrow mark A), then pull down to open the grille.
2. Pull the hook of the grille in the indicated direction (arrow mark B) to release. Then slide the filter in the indicated direction (arrow mark C) to remove.

Ceiling cassette−4 way− (FDT)

1. Hold the stopper on the inlet grille (2 places) to the “OPEN” direction (arrow mark A), then pull down to open the grille.
2. Remove the hook of the grille to dismount.

How to mount the filter
1. Ensure the right side and orientation of the filter and insert it to the arrow direction (arrow mark D) so that the notch on the filter is hooked on the hook on the grille (2 places).
2. Align the hole on the filter with the hook on the grille (2 places) and push it securely until the filter is caught by the hook.

How to mount the grille
1. Hang the hook on the hole on the panel. (The hook on the grille can be hanged 3 sides on the panel.)
2. After the grille is fastened, close the grille while the stopper on the grille (2 places) is kept pressed to “OPEN” direction. When the grille comes to the original position, release the stopper to hold the grille.

Caution Mount the filter to the grille securely. Otherwise, it may lead to decreased efficiency due to leakage of flow from the gap.
Caution Mount the grille securely. Otherwise, it may fall.
Caution When the stopper is deformed or damaged, repair or replace without delay. Otherwise, the grille may fall.

The direction of filter removal

In time of battery exhausted, lost, trouble of remote control, the air conditioner can be operated with the BACKUP button on the indoor unit display part.

ON/OFF: Press backup button and leave it untouched for two seconds. The operation starts.
Press it again to stop the operation.

OPERATION MODE .......... AUTO FAN SPEED ............................ HI
TIMER ............................... No setting
SET TEMP .............................. 23°C
AUTO SWING .................... STOP (HORIZONTAL)

In case of FDE/FDS/FDT/FDS/FSW

FDE10-50
FDS10-50
FDTC10-600
FDK22-56
FDK71
FDFW10-56

© 2022 Daikin

Ceiling suspended (FDE)

Ceiling cassette−4 way− (FDT)

Ceiling cassette−4 way Compact (640×600mm)−(FDTC)

Wall mounted (FDK)

FDK22-56

Ceiling cassette−2 way− (FDTW-KXE6D)

Floor standing−2 way− (FDFW)

© 2022 Daikin
HOW TO MAINTAIN

Ceiling cassette −4 way− (FDTC)
1. Slide the inlet grille levers in the direction of the arrow (↓), and open it downwards.
2. Turn the inlet grille stopper.
3. Pull the filter toward you.
4. When the filter is put in place, insert the filter into the hooks on the inlet grille, and be sure to return the stopper to its original position.
5. When putting the inlet grille back in place, slide the levers in the opposite direction and check to be sure that the grille does not come open.

HOW TO MAINTAIN

Air filter is attached when the air conditioner is installed, so consult your dealer about how to remove or clean it.

Duct connected −High static pressure− (FDU)
Duct connected −Middle static pressure− (FDUM)
Duct connected (Ultra thin) −Low static pressure− (FDQS)
Duct connected −Compact & Flexible− (FDUH)
Duct connected −High static pressure Out door Air processing unit (FDU -F)
Duct connected −Low static pressure− (FDUT)

Floor standing -2way- (FDFW)

How to open, close the inlet panel>
Open
Place fingers at the recesses on both sides of the panel and pull down the panel forward so that it will be open by about 15°.

Close
Push both ends evenly and press further lightly at the center.

Ceiling cassette −1 way− (FDTS)
1. Slide the lever of the suction grille in the arrow (↓) direction to open the grille.
2. While light pushing up, remove the filter from the tabs at the left and right, and pull towards the front.

Ceiling cassette −1 way compact− (FDTQ)
1. Slide the lever of the suction grille in the arrow (↓) direction to open the grille.
2. While light pushing up, remove the filter from the tabs at the left and right, and pull towards the front.

Ceiling suspended (FDE)
1. Slide the lever of the inlet grille backward (↑ direction) and open it downwards.
2. Pressing the inlet grille, press the filter to remove it from the tab and pull it downwards.
3. Press the filter to remove it from the tab to remove the filter.

Floor standing (with casing) (FDFL)
Remove the front panel and pull the air filter out from the bottom of the unit.

Floor standing (without casing) (FDFU)
Pull the air filter out from the bottom of the unit.

Wall mounted (FDK)
1. Pull up the suction grille forward.
2. Hold the concave sections at both the right and left side with your hands and pull the suction grille forward. It stops when being open at about 60°.
3. Lightly hold the handle of the air filter, slightly lift it upward, and then pull it out forward.

Floor standing (with casing)− (FDGW)
How to open, close the inlet panel>
Remove
When removing the panel for internal cleaning or others, open the panel, remove the string and then pull it forward.
Install
Secure the upper edge of the panel by lightly pushing it in to place the string as illustrated and then close the panel.

How to remove, install the filter>
Remove
1. Pull up the air inlet panel forwards.
2. Lightly hold the knobs at the both sides and lift a little to remove the panel forward.

Install
1. Hold firmly the filter at the both sides as shown at right and insert securely.
2. Close the air inlet panel.

Air filter tabs

Ceiling cassette −2 way− (FDTW)
1. Push one side of the inlet panel (pin A side) upward.
2. Disengage the panel from pin A.
3. Disengage the panel from the pin B and remove the panel.
4. Press the air filter and turn the stopper to remove the air filter.

Caution
Install the air filter in the correct order.

Disengage the pin B side.

Pin B         Pin A
Panel
Stopper
Number of stoppers
FDTW 28 - 71     6pc.
FDTW 90-140     10pc.

Air filter
HOW TO MAINTAIN

How to clean:
- Wash away dirt, if it is not too dirty, tap it or use a vacuum cleaner.
- If it is very dirty, dissolve some neutral detergent in lukewarm water (approximately 30°C). Then, wipe it with a cloth dipped in the mixture and wash the dirt away completely.
- Turn off the power supply switch, and insert the remote control after cleaning. If the unit is not functioning, please refer to the installation manual.
- Clean the indoor and outdoor units. (After a long period of use)
- Clean the air filter (After a long period of use)
- Deactivate the swing louver (After a long period of use)

FLEXIBILITY:
- Do not dry by exposing the air filter to the direct sunlight or using a hot/dryer. Otherwise, the filter may be damaged.
- Do not operate the air conditioner with the filter removed. Otherwise, it may lead to trouble.
- Do not change the direction and position of the air inlet grill.
- Clean the unit by wiping with a piece of soft and dry cloth.

TROUBLE SHOOTING

If the air filter is clogged, is the swing louver horizontal, the louver is blocking the air inlet or outlet grill?
If sunlight or other strong illumination is striking the indoor unit? Is too much smoke or burnt smell coming into the room?
If the temperature setting cannot be changed (the setting temperature display flashes). If the light on the indoor unit stops flashing even though the remote control button is pressed.

The phenomena mentioned below is not malfunction.
- Sounds of rustling or gurgling may be heard when the air conditioning system is performing automatic control.
- These sounds can be heard when the air conditioning system is performing automatic control.
- These sounds are generated when the refrigerant valve inside the air conditioning system is activated.
- The operation may switch to fan operation automatically in order to avoid frost being built up on the surface of the heat exchanger. The operation will soon return to cooling operation.
- The indoor unit fan may continue operating for 40 seconds in order to remove remaining heat in the indoor unit after the operation.
- White vapor may be generated during operation if the system is used in environment where oils and fats are frequently used, such as in restaurants. In this case, consult the dealer and clean the heat exchanger.
- White vapor is generated during dehumidifying operation. The supply air from the indoor unit may smell bad if the smell of cigarettes, cosmetics and/or furniture has been left. In this case, ventilate the room or clean the heat exchanger.
- No air comes out during operation even though the thermostat has not been activated. The objective of this operation mode is to protect the compressor is activated (the fan is operating during this period). The operation will soon return to cooling operation.
- White vapor is generated during dehumidifying operation. The operation may switch to fan operation automatically in order to avoid frost being built up on the surface of the heat exchanger. The operation will soon return to cooling operation.
- The operation may switch to fan operation automatically in order to avoid frost being built up on the surface of the heat exchanger. The operation will soon return to cooling operation.
### PREPARATION OF HEATING

*CASES WHEN "PREPARATION OF HEATING" IS DISPLAYED*

- The remote control display shows "PREPARATION OF HEATING" if the following is true.
  - The cooling/heating operation is not being performed.
  - The ambient temperature is between 0°C and 20°C.
  - The system is not in the "Fan only" mode.

### HEATING OPERATION

#### Precautions

- **Heat pump type**: heat pumps are used when the temperature difference is small (less than 10°C) and the outside temperature is above 0°C. In these cases, the efficiency may be lower due to the higher energy consumption. (Refer to your dealer for details.)

#### Notes

- **Airflow**: when the air filter is dirty, the airflow may be reduced. (Refer to your dealer for details.)
- **Defrost operation**: when the temperature is below freezing, the defrosting system works automatically to prevent the formation of ice.

### AUTO RESTART

The auto restart function allows the system to automatically start up after a power outage. This feature is useful when you need to return to work or continue a conversation without waiting for the system to cool down. (Refer to your dealer for details.)

### SETTING TO DISABLE BUTTON OPERATION <Wired remote control>

- **FAN SPEED button**: the function allows the system to automatically start up after a power outage. This feature is useful when you need to return to work or continue a conversation without waiting for the system to cool down. (Refer to your dealer for details.)
- **MODE button**: setting to disable button operation allows the system to automatically start up after a power outage. This feature is useful when you need to return to work or continue a conversation without waiting for the system to cool down. (Refer to your dealer for details.)
- **TEMP button**: setting to disable button operation allows the system to automatically start up after a power outage. This feature is useful when you need to return to work or continue a conversation without waiting for the system to cool down. (Refer to your dealer for details.)

### INSTALLATION, RELOCATION, AND INSPECTION MAINTENANCE

#### ELECTRICAL WORK

- **Leakage breaker**: make sure to perform grounding work and use a leakage breaker to prevent electric shock.
- **Ground wire**: make sure to perform grounding work to prevent electric shock.
- **Wiring**: make sure to use a leakage breaker and perform grounding work to prevent electric shock.

#### INSTALLATION LOCATION

- **Avoid direct sunlight**: sunlight can cause the temperature inside the room to increase, affecting the system's performance. (Refer to your dealer for details.)
- **Do not install near water sources**: water can damage the system and cause malfunctions. (Refer to your dealer for details.)

#### OPERATION RANGE

- **Temperature range**: the operation range is limited to certain temperature ranges to ensure optimal performance. (Refer to your dealer for details.)
- **Operation modes**: the system can be operated in multiple modes, including cooling, heating, and fan only. (Refer to your dealer for details.)

### INSPECTION MAINTENANCE

- **Periodic maintenance**: inspect the system at least once a year to ensure optimal performance. (Refer to your dealer for details.)
- **Cleaning**: clean the system regularly to prevent the buildup of dirt and dust, which can affect its performance. (Refer to your dealer for details.)

### AT-ATTENTION

- **Safety precautions**: the system must be installed and operated according to the manufacturer's instructions. (Refer to your dealer for details.)
- **Wiring**: make sure to use a leakage breaker and perform grounding work to prevent electric shock.

### AT-NOTICE

- **Leakage breaker**: make sure to perform grounding work and use a leakage breaker to prevent electric shock.
- **Ground wire**: make sure to perform grounding work to prevent electric shock.
- **Wiring**: make sure to use a leakage breaker and perform grounding work to prevent electric shock.

### AT-Caution

- **Leakage breaker**: make sure to perform grounding work and use a leakage breaker to prevent electric shock.
- **Ground wire**: make sure to perform grounding work to prevent electric shock.
- **Wiring**: make sure to use a leakage breaker and perform grounding work to prevent electric shock.

### AT-WARNING

- **Safety precautions**: the system must be installed and operated according to the manufacturer's instructions. (Refer to your dealer for details.)
- **Wiring**: make sure to use a leakage breaker and perform grounding work to prevent electric shock.