

**DAIKIN ROOM AIR CONDITIONER****OPERATION MANUAL****R32 SPLIT SERIES****MODELS**Operation Manual
Handset Wireless**English****FTXC20EV1B
FTXC25EV1B
FTXC35EV1B
FTXC50EV1B
FTXC60EV1B
FTXC71EV1B****Note:**

Illustrations in this manual are for explanation to user only and may differ from the actual machine. These are subject to change without prior notice for the development of future product.

Safety precautions



Read the precautions in this manual carefully before operating the unit.



This appliance is filled with R32.

- After reading, keep this manual in a convenient place so that you can refer to it whenever necessary. If the equipment is transferred to a new user, be sure also to hand over the manual.
- Keep this manual where the operator can easily find them.
- Read all safety precautions in this manual carefully before operating the unit.
- For safety reason the operator must read the following cautions carefully.
- The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.



WARNING

Failure to follow these instructions properly may result in personal injury or loss of life.



CAUTION

Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.



Never attempt.



Be sure to follow the instructions.



Be sure to establish an earth connection.



Never wet the air conditioner nor the remote controller with water.




Never touch the air conditioner nor the remote controller with wet hands.



WARNING

- The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- In order to avoid fire, explosion or injury, do not operate the unit when harmful, among which flammable or corrosive gases, are detected near the unit.
- It is not good for health to expose your body to the air flow for a long time.
- Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Product malfunctioning, product or injury damage may result due to contact with the air conditioner's high-speed fan blades.
- Do not attempt to repair, dismantle reinstall or modify the air conditioner yourself as this may result in water leakage, electric shocks or fire hazards.
- Do not attempt to install or repair the air conditioner yourself. Improper workmanship may result in water leakage, electric shocks or fire hazards. Please contact your local dealer or qualified personnel for installation and maintenance work.
- Do not use flammable spray near the air conditioner, or otherwise fire may result.
- Do not place flammable items, such as spray cans, within 1 meter of the air outlet.
- The spray cans may explode as a result of hot air from the indoor or outdoor units.
- When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn off power to the unit and contact your local dealer. Continued operation under such circumstances may result in a failure, electric shocks or fire hazards.
- Do not use a refrigerant other than the one indicated on the outdoor unit (R32) when installing, moving or repairing. Using other refrigerant may cause trouble or damage to the unit, and personal injury.
- The refrigerant used in the air conditioner is safe. Although leaks should not occur, if for some reason any refrigerant happens to leak into the room, make sure it does not come in contact with any flame as of gas heaters, kerosene heaters or gas range.
- If the air conditioner is not cooling properly, the refrigerant may be leaking, so call your dealer.
- When carrying out repairs accompanying adding refrigerant, check the content of the repairs with our service staff.
- Do not wash the air conditioner with water, as this may result in electric shocks or fire.
- Be sure to install an earth leakage breaker. Failure to install an earth leakage breaker may result in electric shocks or fire.
- Only connect the air conditioner to the specified power supply circuit. Power suppliers other than the one specified may result in electric shocks, overheating and fires.
- Be sure to earth the unit. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks.

⚠ CAUTION

- Be aware that prolonged, direct exposure to cool or warm air from the air conditioner, or to air that is too cool or too warm can be harmful to your physical condition and health.
- Do not use the air conditioner for purposes other than those for which it is intended. Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned. 
- Do not expose plants or animals directly to airflow from the unit as this may cause adverse effects.
- Do not place appliances that produce naked flames in places exposed to the air flow from the unit as this may impair combustion of the burner.
- Do not block air inlets nor outlets. Impaired air flow may result in insufficient performance or trouble.
- Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool or warm air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not longer use air conditioner until a qualified service person confirms that the leakage has been repaired.
- Do not sit or place objects on the outdoor unit. Falling yourself or falling objects could cause injury.
- Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units. Under certain conditions, condensation on the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned.
- After prolonged use, check the unit stand and its mounts for damage. If left in a damaged condition, the unit may fall and cause injury.
- To avoid injury, do not touch the air inlet or aluminium fins of the indoor or outdoor units.
- The appliance is not intended for use by unattended young children or infirm persons. Impairment of bodily functions and harm to health may result.
- Children should be supervised to ensure that they do not play with the unit or its remote controller. Accidental operation by a child may result in impairment of bodily functions and harm health.
- Do not sit on the outdoor unit. Put things on the unit, or pull the unit. Doing so may cause accidents, such as falling or toppling down, thus resulting in injury, product malfunctioning, or product damage.
- Do not give impact to the indoor and outdoor units, or otherwise product damage may result.
- Do not place objects around the indoor unit. Doing so may have an adverse influence on the performance, product quality, and life of the air conditioner.
- Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shocks or fire.
- Do not sit or hang on the up and down panel. The up and down panel may fall, and injury or product malfunctioning may result.
- Do not sway the up and down panel. The up and down panel may hit people or objects, and injury or property damage may result.
- Do not let children play around the up and down panel. Injury or property damage may result.
- Do not pull the wires. The wires may be broken and the up and down panel may fall, and injury or property damage may result.
- Do not locate obstacles in the up and down route. The up and down panel may fall, and injury or property damage may result.
- Do not bend or damage the wires. The wires may be broken and the up and down panel may fall, and injury or property damage may result.
- Do not put objects on the up and down panel, or otherwise production malfunctioning may result.
- Do not use an unstable stand at the time of operating or maintaining the air conditioner, or otherwise you may topple over or injury yourself.
- Locate the remote controller in places out of reach of children. The wrong operation of the remote controller may result in injury.

- To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.
- Before cleaning, be sure to stop unit operation, turn the breaker off or remove the power cord.
- Otherwise, an electric shock and injury may result.
- Do not connect the air conditioner to a power supply different from the one as specified. It may cause trouble or fire.
- Depending on the environment, an earth leakage breaker must be installed. Lack of an earth leakage breaker may result in electric shocks.
- Arrange the drain hose to ensure smooth drainage. Incomplete draining may cause wetting of the building, furniture etc.
- Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.
Leaves are a hotbed for small animals which can enter the unit.
Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.



- To avoid electric shocks, do not operate with wet hands.



- Do not wash the indoor unit with excessive water, only use a slightly wet cloth.
- Do not place things such as vessels containing water or anything else on top of the unit. Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.



Installation site.

- To install the air conditioner in the following types of environments, consult the dealer.
 - Places with an oily ambient or where steam or soot occurs.
 - Salty environment such as coastal areas.
 - Places where sulfide gas occurs such as hot springs.
 - Places where snow may block the outdoor unit.
 - The indoor unit is at least 1m away from any television or radio set (unit may cause interference with the picture or sound).
 - The drain from the outdoor unit must be discharged to a place of good drainage.

Consider nuisance to your neighbours from noises.

- Also pay attention to operating noise.
 - Select the following kinds of location:
 - A. A place that can sufficiently withstand the weight of the air conditioner with less running noises and vibrations.
 - B. A place where warm airflow from the air outlet of the outdoor unit and operating noise do not cause a nuisance to neighbours.
 - Be sure there are no obstructions near the air outlet of the outdoor unit.
 - Obstructions may result in poor performance and increased operating noise. If abnormal noise occur, ask your dealer for advice.

Electrical work.

- For power supply, be sure to use a separate power circuit dedicated to the air conditioner.

System relocation.

- Consult your Daikin dealer about remodelling and relocation.

Precautions when using the wireless LAN.

- Do NOT use near:
 - **Medical equipment.** E.g. persons using cardiac pacemakers or defibrillators. This product may cause electromagnetic interference.
 - **Auto-control equipment.** E.g. automatic doors or fire alarm equipment. This product may cause faulty behaviour of the equipment.
 - **Microwave oven.** It may affect wireless LAN communications.

REMOTE CONTROLLER OVERVIEW

Display (LCD)

- Display the current settings. (This illustration shows the full display of the LCD panel, including functions for applicable remote controller models only).

ON/OFF Button

- Start / Stop the operation.

FAN Button

- Changes the operating fan speed.

SLEEP Button

- Enable / Disable SLEEP function.

CLOCK Button

- Changes RTC setting.

CANCEL Button

- Cancel Timer setting.

ON Timer Button

- Enable / Disable and change ON Timer setting.

OFF Timer Button

- Enable / Disable and change OFF Timer setting.

IR Signal Transmitter

- To transmit signal, aim the transmitter to the indoor unit. Note that in the condition where there is an obstacle that blocks between the transmitter and the indoor unit, signal transmission might not be successful.

Temperature Setting Button

- Increase / Decrease the temperature setting.

MODE Button

- Change between the available operating modes.

SWING Button

- Direct the air flow in up-down direction.

POWERFUL Button

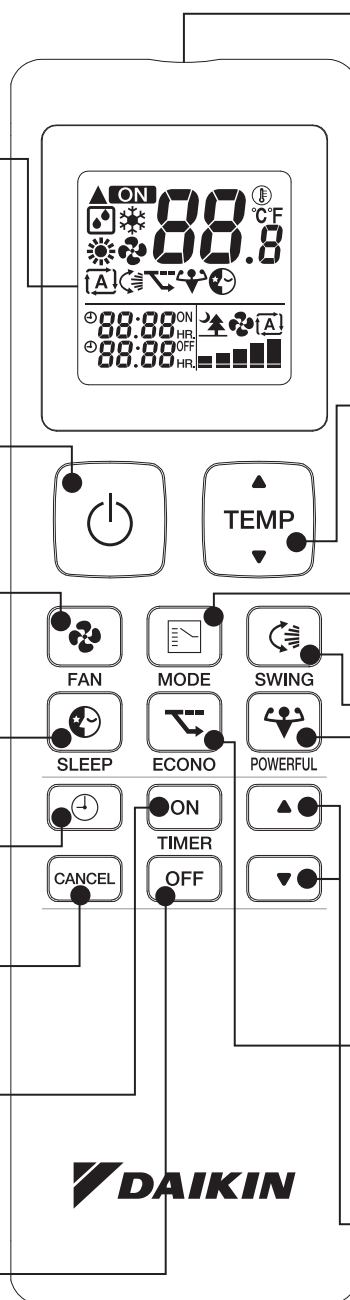
- Enable / Disable POWERFUL function.

ECONO Button

- Enable / Disable ECONO function.

UP & DOWN Adjustment Button for Timer




- Toggle the settings in Real Time Clock (RTC), ON Timer and OFF Timer setting mode.



Preparation Before Operation

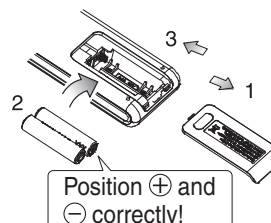
■ Accessories

The following accessories are included.

Drywall screw	Battery	Remote Controller Holder
		
2	2	1

■ To set the batteries

1. Remove the back cover by sliding downwards.
2. Insert two dry batteries (LR03:AAA).
3. Replace the back cover.



Disposal Requirements



The batteries supplied with the controller are marked with this symbol. This means that the batteries shall not be mixed with unsorted household waste. If a chemical symbol is printed beneath the symbol, this chemical symbol means that the battery contains a heavy metal above a certain concentration. Possible chemical symbols are:
 ■ Pb: lead (>0,004%)

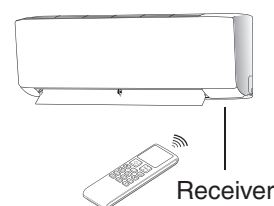
Waste batteries must be treated at a specialized treatment facility for re-use. By ensuring correct disposal, you will help to prevent potential negative consequences for the environment and human health. Please contact your local authority for more information.

■ About batteries

- Remove the batteries from the remote controller if the air conditioner will not be used for an extended period of time.
- When replacing the batteries, it is advised to replace both batteries together with batteries of the same type.
- Batteries should be replaced once a year. However, if the display of remote controller started to fade or there is a noticeable degradation in performance, replace both batteries with new AAA:LR03 batteries.
- The attached batteries are provided for initial use of the air conditioner. The usage period of these batteries depends on the manufactured date of the air conditioner.

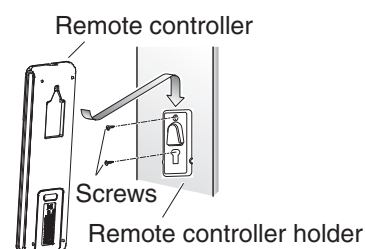
■ To operate the remote controller

- Aim the transmitter of the remote controller at the receiver of the indoor unit.
- Ensure there is no blockage such as curtain between the indoor unit and the remote controller, signal transmission will be unsuccessful.



■ To fix the remote controller holder on the wall

1. Choose a location where signal is able to reach the unit.
2. Fix the holder onto a wall, a pillar or etc with the screws supplied with the holder.
3. Place the remote controller on the holder.



■ About remote controller

- Do not drop nor wet the remote controller.
- Never expose the remote controller under direct sunlight.
- Dust on the transmitter lens cover will reduce the sensitivity.
- Signal communication may be affected if the air conditioner is being installed near an electronic-starter-type fluorescent lamp (such as inverter-type lamp) in the room.



Preparation Before Operation

■ To set the clock

1. Press  button.

-  blinks on the LCD.


2. Press  or  to set the clock to present time.

- Holding down  or  button rapidly increases or decreases the displayed time.


3. Press  button.

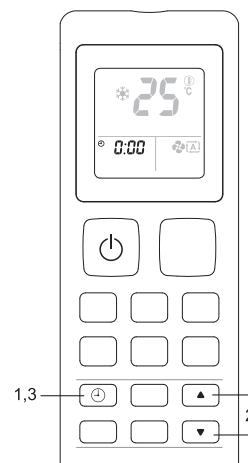
- Point the remote controller at the indoor unit when pressing the buttons.

- " . " blinks.

-  **0:00** stop blinking, the present time will be displayed.

- For example, present time is 8 o'clock in the morning,

 **8:00** will be displayed.



■ Note

- Remote controller is automatically in clock setting mode upon battery insertion. Users are advised to complete the clock setting before operation.

COOL • FAN • DRY • HEAT • AUTO Operation

■ To start operation

1. Press  button to start the unit operation.

- " **ON** " is displayed on the LCD.

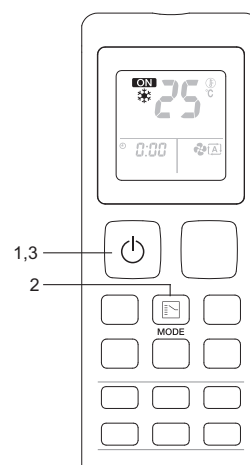
2. Press  button to choose the desired operation mode.

- Each pressing on the button advances the available operating mode in sequence below:



■ To stop operation

3. Press  button again to stop the unit operation.




■ Note

Operating Mode	Description
COOL	The air conditioner cools down the room by releasing the heat to outdoor unit.
FAN	The air conditioner indoor unit will run in fan only.
DRY	The air conditioner operates to control the room humidity by regulating the indoor unit fan speed. Therefore, manual adjustment of the fan speed in DRY mode is not available.
HEAT	The air conditioner heats up a room to the temperature setpoint.
AUTO	The air conditioner cools down or heats up a room to the temperature setpoint. It automatically switches between cooling and heating if necessary.

■ Notes on the operating conditions

- The air conditioner will always consume a small amount of electricity even in standby mode.
- Ensure that the power supply / breaker is switch off if the air conditioner is not going to be used for an extended period of time.

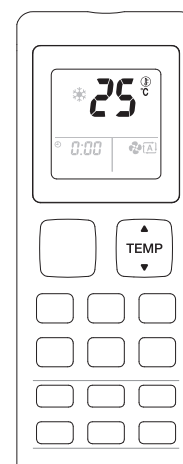
■ To change temperature setting

4. Press  button.

- Press ▲ to raise the temperature and ▼ to lower the temperature.

Operating Mode	COOL	HEAT	AUTO	DRY & FAN
Set Temperature Range	18°C - 32°C	10°C - 30°C	18°C - 30°C	Not applicable

- Press ▲ and ▼ simultaneously for 5 seconds to change the temperature display unit in Celcius (°C) or Fahrenheit (°F).
- For example, 24^{°C} ➡ 76^{°F}.



■ Tips for energy saving

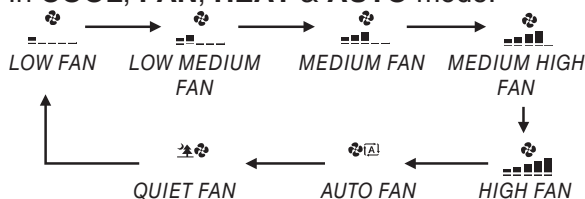
- Keeps the temperature setting at a moderate level (do not over-cool the room).
- Clean the air filters to prevent clogging that could contribute to inefficient operation and energy wastage.

**** Recommended to clean the filter once every 2 weeks for regular user.**

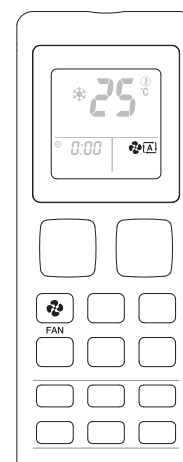
■ To change fan speed setting

5. Press  button.

- Each pressing on the button advances the fan speed mode in sequence.
- In **COOL, FAN, HEAT & AUTO** mode:



- Fan speed setting not available in **DRY** mode.



■ Note on fan speed setting

- Cooling and heating effect will be affected at lower air flow rate.

Adjusting the Airflow Direction

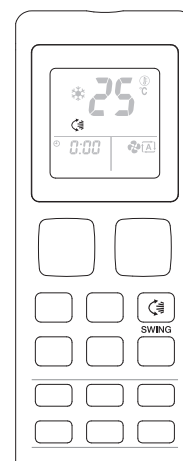
■ To change the air flow direction

1. Press  button.

-  is displayed on the LCD.

■ To set the flap at the desired position

1. Press  button when the flap reached the desired position.



■ Notes

- Always use the remote controller to adjust the swing angle. Any manual adjustment may break the mechanism of the swing control.
- Cooling and heating effect at different step angle will be affected by different air flow rate.

ECONO Operation

■ To start ECONO operation

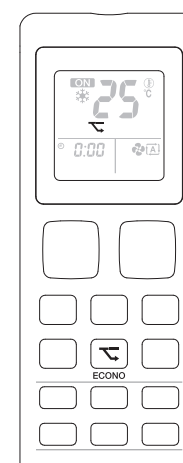
1. Press  button.

-  is displayed on the LCD.



■ To cancel ECONO operation

2. Press  button.

-  will disappear from the LCD.




■ Notes on ECONO operation

- This function enables efficient operation by limiting the maximum power consumption of the air conditioner unit.
- Pressing  causes the setting to be cancelled and  disappears from the LCD.
- If the power consumption level is already low, switching to ECONO operation will not reduce the power consumption.
- ECONO operation will be stopped if POWERFUL operation is activated.
- ECONO only available in COOL, DRY, HEAT & AUTO mode.
- If end user activates ECONO operation on ONECTA App when unit is in FAN mode, ONECTA App will bounce back.

SLEEP Operation

■ To start SLEEP operation

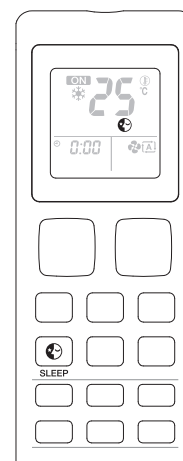
1. Press  button.

-  is displayed on the LCD.
- LED Indication lights of unit will be dimmed down.



■ To cancel SLEEP operation

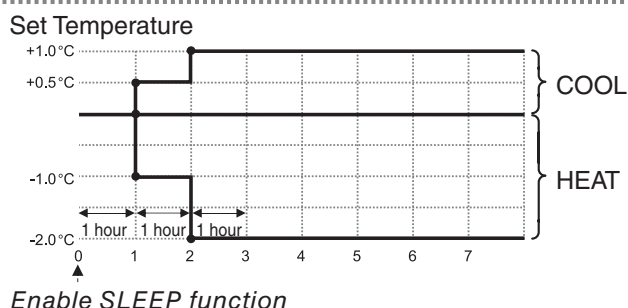
2. Press  button.

-  will disappear from the LCD.



■ Notes on SLEEP operation


- Pressing  causes the setting to be cancelled and  disappears from the LCD.
- This operation automatically adjust the set temperature of the air conditioner to provide a comfort sleeping environment.
- SLEEP only available in COOL and HEAT mode.



POWERFUL Operation


■ To start POWERFUL operation

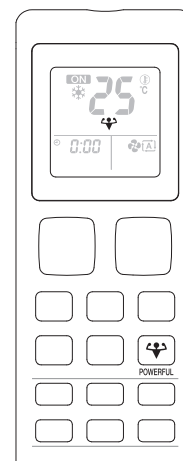
1. Press  button.

-  will be displayed on the LCD.
- POWERFUL operation ends in 20 minutes. The previous setting used before POWERFUL operation will be resumed.



■ To cancel POWERFUL operation

2. Press  button.

-  will disappear from the LCD. The previous setting used before POWERFUL operation will be resumed.



■ Notes on POWERFUL operation

- Pressing  causes the setting to be cancelled and  disappears from the LCD.
- In condition where POWERFUL is started, it will temporarily override the operation of other functions for 20 minutes.
- Indoor unit operating sound will appear to be louder during POWERFUL operation.
- POWERFUL operation will not increase the capacity of air conditioner if the air conditioner is already operating in its maximum capacity.
- POWERFUL is available in all operating mode.

TIMER Operation

■ To use OFF TIMER operation

- Ensure the clock setting is set to present time (refer to method to set the clock under preparation before operation).

1. Press **OFF** button.

- **0:00^{OFF}** will be displayed on the LCD and **OFF** blinks.

2. Press **▲** or **▼** to set the off timer setting.

- Holding down **▲** or **▼** button rapidly increases or decreases the time display.

3. Press **OFF** button again.

- **0:00^{OFF}** stop blinking, the OFF TIMER set will be displayed.

■ To cancel OFF TIMER operation

4. Press **CANCEL** button to cancel the OFF TIMER.

■ To use ON TIMER operation

- Ensure the clock setting is set to present time (refer to method to set the clock under preparation before operation).

1. Press **ON** button.

- **0:00^{ON}** will be displayed on the LCD and **ON** blinks.

2. Press **▲** or **▼** to set the on timer setting.

- Holding down **▲** or **▼** button rapidly increases or decreases the time display.

3. Press **ON** button again

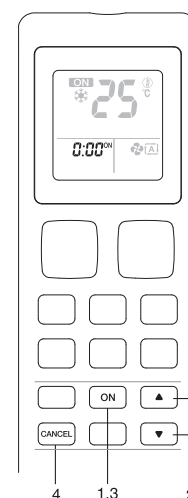
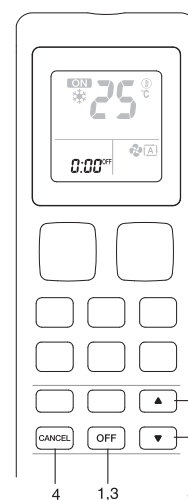
- **0:00^{ON}** stop blinking, the ON TIMER set will be displayed.

■ To cancel ON TIMER operation

4. Press **CANCEL** button to cancel the ON TIMER.

■ Notes on TIMER setting

- When TIMER is set, the present time is not displayed.
- In the following cases, set the timer again.
 - After the circuit breaker has turned off.
 - After a power failure.
 - After replacing the batteries in the remote controller.



Wireless LAN Connection

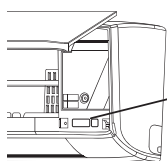
- For more information and FAQ refer to: app.daikineurope.com

Customer is responsible for providing:

- Smartphone or tablet with minimum supported version of Android or iOS, specified on app.daikineurope.com
- Internet line and communication device, such as a modem, router, etc.
- Wireless LAN access point
- Installed free ONECTA application

Note:

- If needed, the SSID (Service Set Identifier) and the KEY (password) are located under the indoor unit panel.



Label with SSID and KEY

To install the ONECTA app

- Open:
 - Google Play for appliances using Android.
 - App Store for appliances using iOS.
- Search for "ONECTA".
- Follow the directions on the screen to install.

Or,

Scan the 2D code to download and install the ONECTA app on your mobile phone or tablet:



■ To set the wireless connection

- There are two options to connect the wireless adapter with your smart device.
 - Connect the wireless LAN to your smart device directly.**
 - Connect the wireless LAN to your home network.** The wireless LAN will communicate with your smart device in your home network using a modem, router or a similar device.

1. Stop operation before setting the wireless connection.

2. Use the remote controller to select the wireless LAN setting menu.

- Always aim the remote controller at the signal receiver on the unit when operating the remote controller.

Menu	Description
1	Connection status check
2	WPS connection setting
3	AP mode/RUN mode (SSID + KEY) connection setting
R	Reset to factory default
OFF	Wireless LAN OFF

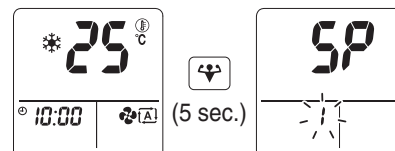
■ To confirm the wireless LAN connection status

1. On home screen menu, press and hold button for at least 5 seconds while the unit is not operating.

- Result: The SP (wireless connection setting menu) appears.
! is blinking.

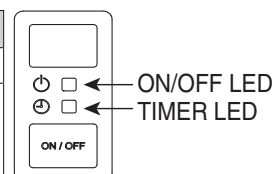
2. Press to confirm the selection.

- Result: ! is blinking.



3. Check the ON/OFF and timer LEDs on the indoor unit display.

If ON/OFF LED...	...and timer LED...	...then wireless LAN is...
blinks	blinks	not connected
is off	blinks in 0.5 second interval	running and ready to connect to the home network via WPS button on the router.
is off	blinks in 1 second interval	<ul style="list-style-type: none"> connected to the home network via SSID + KEY. or connected to the home network via WPS button on the router.



4. Press **CANCEL** to exit the menu.

- The display will return to the default screen.

■ To connect the wireless LAN to your home network

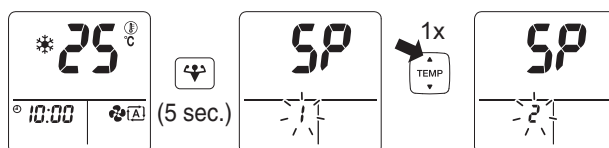
- The wireless adapter can be connected to your home network using the:
 - WPS button on the router (if present),
 - SSID and KEY number located on the unit

■ To connect using WPS button

1. On home screen menu, press and hold button for at least 5 seconds while the unit is not operating.

- Result: The SP menu  appears.  is blinking.

2. Change to the SP menu by pressing once or repeatedly.



3. Press to confirm the selection.

- Result:  is blinking. The timer LED is blinking in 0.5 second interval and the ON/OFF LED is off.

4. Press the WPS button on your communication device (e.g. router) within approximately 1 minute. Refer to the manual of your communication device.

- Result: If the connection to your communication device is successful, the timer LED is blinking in 1.0 second interval and the ON/OFF LED is off.
- If the connection with your router is not possible, try procedure "To connect using SSID and KEY number"

5. Press **CANCEL** to exit the menu.

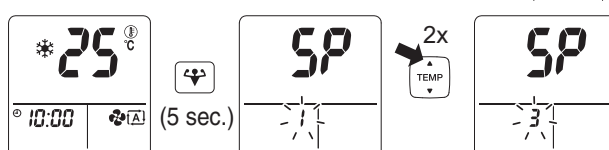
- Result: The display will return to the default screen.

■ To connect using SSID and KEY number

1. On home screen menu, press and hold button for at least 5 seconds while the unit is not operating.

- Result: The SP menu  appears.  is blinking.

2. Change to the SP menu by pressing twice or repeatedly.



3. Press  to confirm the selection.

- Result: **3** is blinking. The timer LED and ON/OFF LED are blinking simultaneously.

4. Open the ONECTA application on your smart device and follow the steps on the screen.

- Result: If the connection to your smart device is successful, the timer LED is blinking in 1.0 second interval and the ON/OFF LED is off.

5. Press  to exit the menu.

- Result: The display will return to the default screen.

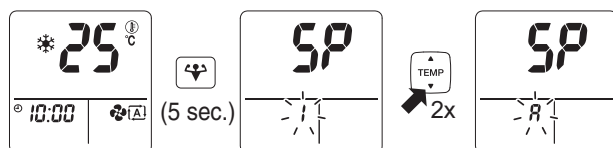
■ To reset the connection setting to the factory default

- Reset the connection setting to the factory default in case you want to:
 - Disconnect the wireless LAN and the communication device (e.g. router) or smart device.
 - Repeat the setting if the connection was unsuccessful.

1. On home screen menu, press and hold  button for at least 5 seconds while the unit is not operating.

- Result: The SP menu **!** appears. **!** is blinking.

2. Change to the SP menu **!** by pressing  twice or  repeatedly.



3. Press  for at least 2 seconds to confirm the selection.

- Result: **!** is blinking. The ON/OFF and timer LEDs are blinking at the same time in 1.0 second interval. The setting is reset to the factory default.

4. Press  to exit the menu.

- Result: The display will return to the default screen.

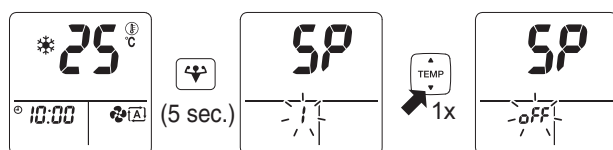
■ To turn off the wireless LAN connection

- If you want to turn off the wireless connection function:

1. On home screen menu, press and hold  button for at least 5 seconds while the unit is not operating.

- Result: The SP menu **!** appears. **!** is blinking.

2. Change to the SP menu **off** by pressing  once or  repeatedly.



3. Press  for at least 2 seconds to confirm the selection.

- Result: **off** is blinking. The ON/OFF and timer LEDs are blinking alternately in 1.0 second interval. Communication is OFF.

4. Press  to exit the menu.

- Result: The display will return to the default screen.

■ Note

- Once wireless LAN connection is turned off, any input from ONECTA app will not be sent to the unit.

Fault Diagnosis

■ To perform error code diagnosis

1. Press and hold  button for 5 seconds.

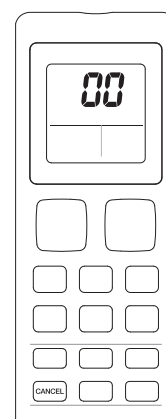
-  blinks.

2. Press  to check on the error code.

- Keep pressing on the button until a long “beep” acknowledgement heard from the indoor unit.

■ To exit from error code diagnosis

3. Press and hold  button for 5 seconds.



■ Notes

- A short “beep” and two consecutive “beep” acknowledgement from the indoor unit indicates a non-correspondence error code.
- A long “beep” acknowledgement from the indoor unit indicates a correspondence error code.
- User shall not attempt to repair or modify the air conditioner as any incorrect work may result in electric shock or fire.
- Consult the service personnel in case the air conditioner is found to be faulty.

■ Error code definition

Error Code	Meaning	Error Code	Meaning
00	Normal	H0	Compressor sensor system error
A1	Malfunction of indoor unit PCB	H3	High pressure switch error
A3	Drain level control system abnormal	H6	Compressor feedback detection error
A5	Antifreeze	H7	Malfunction of outdoor unit fan motor signal
A6	Indoor fan motor abnormal	H8	AC current sensor error
AH	Electrical air cleaner abnormal	H9	Outdoor air thermistor short / open
C4	Indoor heat exchanger (1) thermistor short / open	J3	Compressor discharge pipe thermistor short / open / misplaced
C5	Indoor heat exchanger (2) thermistor short / open	J6	Outdoor heat exchanger thermistor short / open
C7	Louver limit switch error	J8	Liquid pipe thermistor short / open
C9	Indoor room thermistor short / open	J9	Gas pipe thermistor short / open
CC	Malfunction of humidity sensor system	L3	Outdoor control box overheat
CH	-	L4	Heat sink overheat
E1	Outdoor PCB error	L5	IPM error / IGBT error
E3	High pressure protection	P4	Heat sink thermistor short / open
E5	Compressor motor lock / compressor overload	U0	Insufficient gas
E6	Compressor start-up error	U2	DC voltage out of range
E7	Outdoor DC fan motor lock	U3	Transmission error
E8	AC input overcurrent	U4	Communication error
EA	4 way valve error	UA	Installation error
F3	Discharge pipe overheat	UF	Piping & wiring installation mismatch / wrong wiring / insufficient gas
F6	Abnormal high pressure	UH	Antifreeze (other rooms)
F8	-		
FA	Heat exchanger overheat		

■ Note

- After connecting to wireless LAN adapter, remote controller settings prevail over WLAN apps setting.

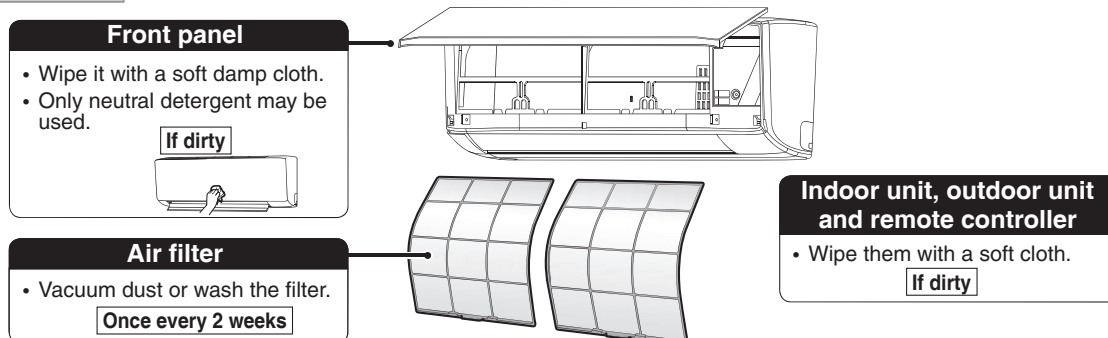
Care and Cleaning

⚠ CAUTION

- Before cleaning, be sure to stop the operation and turn off the circuit breaker.
- Do not touch the aluminium fins of the indoor unit. If you touch those parts, this may cause an injury.
- Avoid direct contact of any coil treatment cleaners on plastic part. This may cause plastic part to deform as a result of chemical reaction.

■ Quick reference

Cleaning parts



■ NOTE

For cleaning, do not use any of the following:

- Water hotter than 40°C/104°F
- Volatile liquid such as benzine, gasoline and thinner
- Polishing compounds
- Rough materials such as a scrubbing brush

Air filter

1. Pull out the air filters.

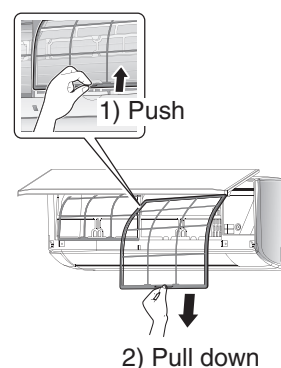
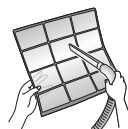
- Open the front panel.
- Push the filter tab at the centre of each air filter a little upwards, then pull it down.

2. Wash the air filters with water or clean them with vacuum cleaner.

- It is recommended to clean the air filters every 2 weeks.

If the dust does not come off easily

- Wash the air filters with neutral detergent thinned with lukewarm water, then dry them up in the shade.
- Be sure to remove the titanium apatite deodorizing filter. Refer to "Titanium apatite deodorizing filter".



3. Set the filters as they were and close the front panel slowly.

- Press the front panel at both sides and the center.



*Appearance of the indoor unit may differ from some models.

⚠ CAUTION

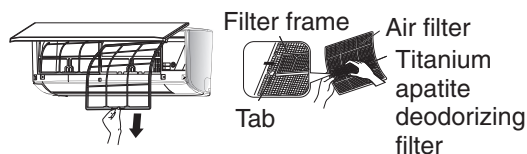
- Do not touch the aluminium fins by bare hand at the time of dismounting or mounting the filter.

■ Titanium apatite deodorizing filter

The titanium apatite deodorizing filter can be renewed by washing it with water once every 6 months. We recommend replacing it once every 3 years.

1. Take off the titanium apatite deodorizing filter

- Open the front panel and pull out the air filter
- Remove titanium apatite deodorizing filter from the back of air filter.



2. Clean or replace the titanium apatite deodorizing filter.

[Maintenance]

- Vacuum dust, and soak in lukewarm water or water for about 10 to 15 minutes if dirt is heavy.
- After washing, shake off remaining water and let them dry in the shade.

[Replacement]

- Remove filter from the back of air filter.
- Dispose of the old filter as non-flammable waste.



3. Set the filters as they were and close the front panel.

- Press the front panel at both sides and the center.



*Appearance of the indoor unit may differ from some models.

How to open Front Panel

1. Open the front panel.

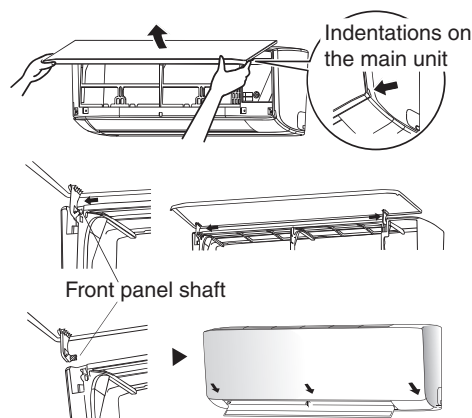
- Hold the panel at the recesses on the main unit (2 recesses on right and left sides) and lift it until it stops.

2. Remove the front panel.

- While lifting the front panel further, slide it to the left and pull it to the front side. The left rotating shaft is detached. Slide the right rotating shaft to the right and pull it to the front side to remove it.

3. Attach the front panel.

- Align the right and left rotating shafts of the front panel with the grooves and push them all the way in.
- Gently close the front panel. (Push both ends and the center on the front panel.)



⚠ CAUTION

- Don't touch the metal parts of the indoor unit. It may cause an injury.
- When removing or attaching the front panel, support the panel securely with hand to prevent it from falling.
- For cleansing, do not use hot water above 40°C, benzene, gasoline, thinner, nor other volatile oils, polishing compound, scrubbing brushes, nor other hand stuff.
- After cleaning, make sure that the front panel is securely fixed.

When The Unit Is Not To Be Used For An Extended Long Period Of Time

Operate the unit for 2 hours with the following setting.

Operating mode : cool
Temperature : 30°C/86°F



Remove the power plug. If you are using an independent electric circuit for your unit, cut off the circuit.

Remove the batteries in the remote control.



TROUBLESHOOTING

For any enquiries on spare parts, please contact your authorized dealer. If any malfunction of the air conditioner unit is noted, immediately switch off the power supply to the unit. Check the following fault conditions and causes for some simple troubleshooting tips.

Fault	Causes / Action
1. The compressor does not operate 3 minutes after the air conditioner unit is started.	– Protection against frequent starting. Wait for 3 to 4 minutes for the compressor to start operating.
2. The air conditioner unit does not operate.	– Power failure, or the fuse need to be replaced. – The power plug is disconnected. – It is possible that your delay timer has been set incorrectly. – If the fault persist after all these verifications, please contact the air conditioner unit installer.
3. The air flow is too low.	– The air filter is dirty. – The doors or windows are open. – The air suction and discharge are clogged. – The regulated temperature is not high enough
4. Discharge air flow has bad odor.	– Odors may be caused by cigarettes, smoke particles, perfume etc. which might have adhered onto the coil.
5. Condensation on the front air grille of the indoor unit.	– This is caused by air humidity after an extended long period of operation. – The set temperature is too low, increase the temperature setting and operate the unit at high fan speed.
6. Water flowing out from the air conditioner unit.	– Switch off unit and call dealer.

If the fault persists, please call your local dealer / serviceman.

- In the event that there is any conflict in the interpretation of this manual and any translation of the same in any language, the English version of this manual shall prevail.
- The manufacturer reserves the right to revise any of the specification and design contain herein at any time without prior notification.

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