Dial

REMOTE CONTROLLER INSTRUCTIONS

Thank you very much for purchasing this Air Conditioner. Please read these Instructions carefully before using this appliance and keep this manual for future reference.

Remote controller Instructions
（J1-72）

Note: Press and hold "MODE" and " ▽ " buttons simultaneously for 3 seconds to alternate the temperature display between the °C and °F scale.

For the most up-to-date version of the instructions, please visit www.dialmfg.com/hvac/technical.

Remote controller

The remote controller transmits signals to the system.

1 ON/OFF BUTTON
Press this button to start the appliance or to stop it when it is in operation.

2 MODE BUTTON
Press this button to select the operation mode.

3 FAN BUTTON
Used to select fan speed in sequence auto, higher, high, medium, low or lower.

4 5 ROOM TEMPERATURE SETTING BUTTONS
Used to adjust the room temperature and the timer, and real time.

6 SMART BUTTON
Used to enter smart mode operation directly, regardless of whether the unit is on or off.

7 SLEEP BUTTON
Used to set or cancel Sleep Mode operation.

8 ⬍SWING BUTTON
Used to stop or start vertical adjustment louver swinging and set the desired up/down airflow direction.

9 IFEEL BUTTON
Used to set IFEEL mode operation. Press it once to start the IFEEL function. Press it again to shut off the IFEEL function. If the IFEEL function does not shut off, press and hold this button for 5 seconds.
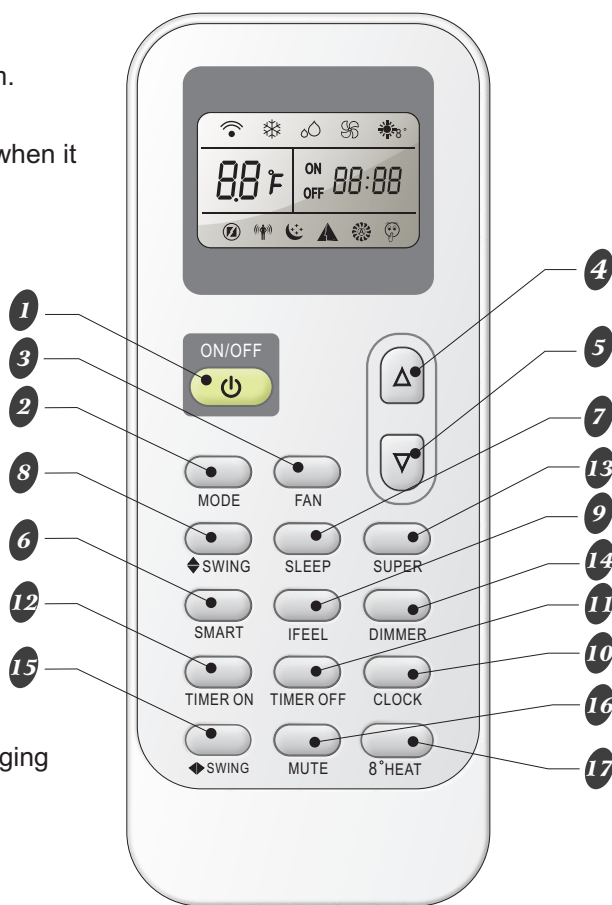
10 CLOCK BUTTON
Used to set the current time.

11 12 TIMER ON/OFF BUTTON
Used to set or cancel the timer operation.

13 SUPER BUTTON
Used to start or stop fast cooling/heating feature. (Fast cooling operates at high fan speed with 61°F(16°C) set temp automatically; Fast heating operates at auto fan speed with 86°F(30°C) set temp automatically.)

14 DIMMER BUTTON
Press this button to turn off the display of indoor unit. Press any button to resume display.

15 ◀▶ SWING BUTTON
Used to stop or start Horizontal adjustment louver swinging and set the desired left/right airflow direction.

16 MUTE BUTTON
Used to stop or start MUTE Mode operation. Fan speed is automatically set at lower fan speed.

17 8° HEAT BUTTON
Used to set 8° heating mode.

Indication symbols on LCD:

❄ Cooling indicator	💧 Dry indicator	🌀 Fan only indicator
❄ 8° Heating indicator	☀ Heating indicator	
❄ Auto fan speed	❄ Higher fan speed	❄ High fan speed
❄ Medium fan speed	❄ Low fan speed	
❄ Lower fan speed	🌙 Sleep 1 indicator	🌙 Sleep 2 indicator
🌙 Sleep 3 indicator	🌙 Sleep 4 indicator	
▲ Smart indicator	Ⓩ Super indicator	Mute indicator
📶 Signal transmit	ON/OFF 88:88 Display set timer / Display current time	
📶 Ifeel	88°F Display temperature	

Note: Each mode and relevant function will be further specified in following pages.
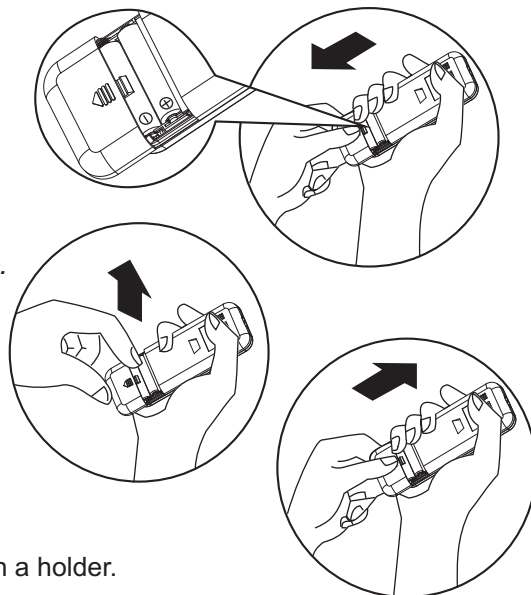
Remote controller

- *How to Insert the Batteries*

  Remove the battery cover according to the arrow direction.

  Insert new batteries making sure that the (+ and (- of battery are matched correctly.

 Reattach the cover by sliding it back into position.

  Note:
  - *Use 2 LR03 AAA(1.5volt) batteries. Do not use rechargeable batteries. Replace batteries with new ones of the same type when the display becomes dim.*

- *Storage and Tips for Using the Remote Controller*

  The remote controller may be stored mounted on a wall with a holder.

  Note: The remote controller holder is an optional part.
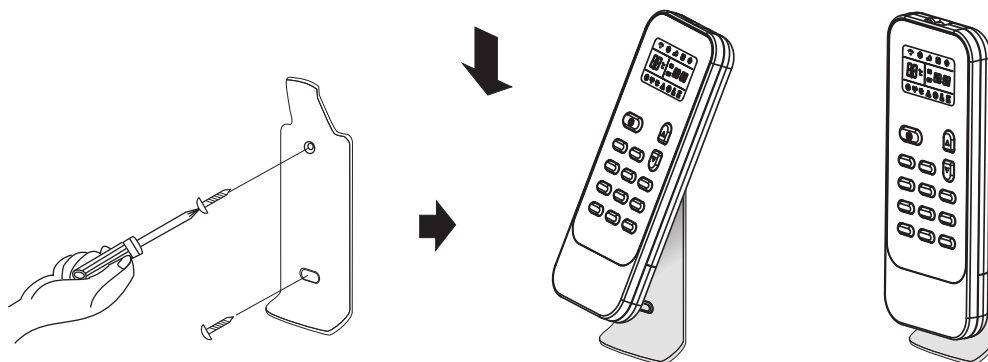
- *How to Use*

  To operate the air conditioner, aim the remote controller to the signal receptor. The remote controller will operate the air conditioner at a distance of up to 23ft. (7m) when pointing at signal receptor of indoor unit.
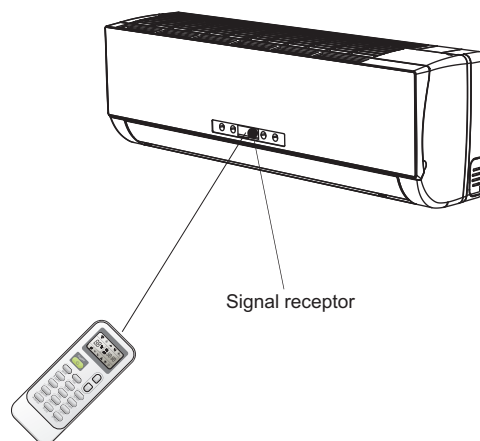
  Signal receptor

  ⚠ *CAUTIONS*

  For appropriate signal transmission between remote controller and indoor unit, keep the signal receiver away from the following items:
  - Direct sunlight or other strong lights or heat
  - Flat panel television screen or other electrical appliances that react to the remote controller

  Additionally, the air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit. If the signal may not be transmitted properly, either move these materials or consult your local dealer.

Operation instructions

Operation modes

Selecting mode

Each time the **MODE** button is pressed, the operation mode is changed in sequence:

COOLING ⟶ DRY ⟶ FAN ONLY ⟶ HEATING

1

☑ Heating mode is NOT available for cooling only air conditioner.

FAN mode

Each time the "FAN" button is pressed, the fan speed is changed in sequence:

Auto ⟶ Higher ⟶ High ⟶ Medium ⟶ Low ⟶ Lower

2

☑ In "FAN ONLY" mode, "Auto" is not available.
In "DRY" mode, Fan speed is set at "AUTO" automatically, and the "FAN" button is disabled.

Setting temperature

△ Press once to raise temperature setting by 1°F or 1℃.

▽ Press once to lower temperature setting by 1°F or 1℃.

3

☑

| Range of available set temperatures	
*HEATING, COOLING	61°F ~ 86°F(16℃~30℃)
DRY	-7 ~ 7
FAN ONLY	unable to set

☑ *Note: Press and hold "MODE" and " ▽ " buttons simultaneously for 3 seconds to alternate the temperature display between the °C and °F scale.*
Note: Heating mode is NOT available for cooling only models.
Note: In "Dry" mode, the unit can decrease or increase the room temperature 7°F.

Turning on

Press ⏻ button the RUN indicator of the indoor unit will light up when the unit turns on.

4
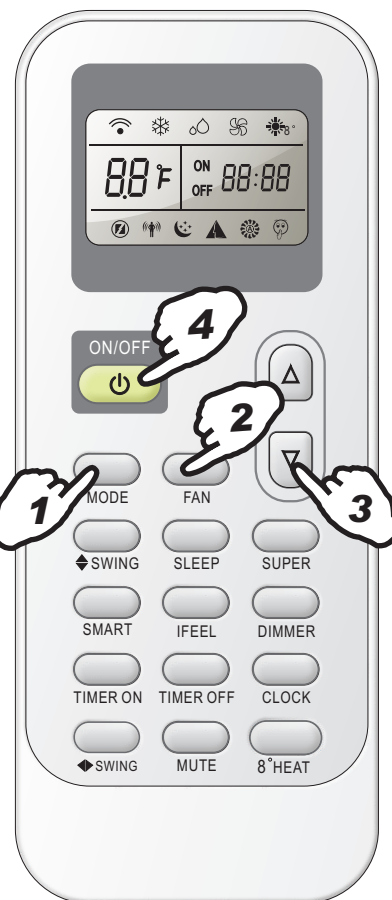
SWING, SMART, TIMER ON, TIMER OFF, CLOCK, 8° HEATING, SLEEP and SUPER operation modes will be specified in the following pages.

☑ • There may be a 3 minute delay when changing modes during operation of the unit.
  • At the beginning of the heating operation, there may be a 2-5 minute delay before air flow is discharged from the unit.
  • If the appliance stops during operation, wait 3 minutes before restarting the appliance.

ON/OFF

MODE FAN

SWING SLEEP SUPER

SMART IFEEL DIMMER

TIMER ON TIMER OFF CLOCK

SWING MUTE 8˚HEAT

Operation instructions

Airflow direction control

Vertical airflow (and Horizontal airflow for units with four way airflow) is automatically set in accordance with the operation mode after turning the unit on.

Operation mode	Direction of airflow
COOLING, DRY	horizontal
*HEATING, FAN ONLY	downward

Heating mode is only available for heat pump models.

The direction of airflow can also be adjusted by pressing the "SWING" button of the remote controller.

5

SWING

Vertical airflow control (with the remote controller)

Swinging airflow

Pressing "♦SWING" button once will cause the vertical airflow louver to swing up and down automatically.

Desired direction airflow

Pressing the "♦SWING" button again when the louvers swing to a desired angle will cause the louvers to hold that position.

Horizontal airflow control (with the remote controller)

Swinging airflow

Pressing "♦SWING" button once will cause the horizontal airflow louver to swing left and right automatically.

Desired direction airflow

Pressing the "♦SWING" button again when the louvers swing to a desired angle will cause the louvers to hold that position.

NOTE: If the unit doesn't have automatic four way airflow functionality, you can manually adjust the horizontal airflow louver.

A *Do not turn the vertical adjustment louvers manually, otherwise malfunction may occur. If that happens, turn off the unit first and cut off the power supply, then restore power supply again.*

B *It is better not to let the vertical adjustment louver tilt downward for a long time at COOLING or DRY mode to prevent condensed water from dripping.*

Operation instructions

SMART mode

Press the SMART button, the unit enters SMART mode directly regardless of whether the unit is on or off. In this mode, temperature and fan speed are automatically set based on the actual room temperature.

Operation mode and temperature are determined by indoor temperature

Heat pump models

Indoor temperature	Operation mode	Target temperature
70°F(21℃) or below	HEATING	72°F(22℃)
70°F-73°F(21℃~23℃)	FAN ONLY	
73°F-79°F(23℃~26℃)	DRY	Room temperature decrease 2°F after operate for 3 minutes
Over 79°F(26℃)	COOLING	79°F(26℃)

Cooling only models

Indoor temperature	Operation mode	Target temperature
73°F(23℃) or below	FAN ONLY	
73°F-79°F(23℃~26℃)	DRY	Room temperature decrease 2°F(2℃) after operate for 3 minutes
Over 79°F(26℃)	COOLING	79°F(26℃)

☑ *SMART button is ineffective in SUPER mode.*

☑ *Press MODE button to cancel SMART mode.*

*Note: Temperature, airflow and direction are controlled automatically in SMART mode.*

What you can do in SMART mode

Your feeling	button	adjustment procedure
Uncomfortable because of unsuitable air flow volume.	FAN	Indoor fan speed alternates among Higher, High, Medium, low and Lower each time this button is pressed.
Uncomfortable because of unsuitable flow direction.	◆SWING ◆SWING	Press it once, the vertical adjustment louver swings to change vertical airflow direction. Press it again, swings stops. For horizontal airflow direction, please refer to the previous page for details.

CLOCK button

You can adjust the real time by pressing CLOCK button, then using [△] and [▽] buttons to set the correct time. Press CLOCK button again to exit the clock adjustment mode.
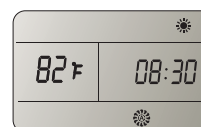
Operation instructions

► How to set the TIMER ON

The TIMER ON button is used to set the timer to switch on the appliance at your desired time.

i) Press and hold the TIMER ON button until "ON 12:00" flashes on the LCD display,
   then press the △ or ▽ buttons to select the desired time for the appliance to turn on.

△ Increase

▽ Decrease
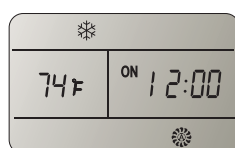
Press the △ or ▽   button once to increase or decrease the time setting by 1 minute.

Press the △ or ▽   button 2 seconds to increase or decrease the time setting
                     by 10 minutes.

Press the △ or ▽   button for longer than 2 seconds to increase or decrease the time
                     by 1 hour.

ii) When your desired time is displayed on the LCD, press the TIMER ON button to confirm it.

   A "beep" will sound.

   "ON" stops flashing.

   The TIMER indicator on the indoor unit lights up.

iii) After the set timer is displayed for 5 seconds the clock will be displayed on the LCD
   of the remote control.

*Note: If you don't set the time within 10 seconds of pressing the TIMER ON button the remote control
        will exit the TIMER ON mode automatically.*

► How to cancel TIMER ON

Press and hold the TIMER ON button again until you hear a "beep". Once the TIMER
indicator disappears, the TIMER ON mode has been canceled.

*Note: TIMER OFF may be used to switch off the appliance at a desired time using the
process described above using the TIMER OFF button.*

Operation instructions

8° HEATING mode

- The **8°HEAT** button is used to set 8°C heating mode.
  In **8°HEATING** mode, the fan speed is set at "AUTO" automatically.

- **The 8°HEATING** mode will be started when you press **8°HEAT** button the

  symbol ❄₈ will appear on the LCD.

- If you press any button except for TIMER ON, TIMER OFF, CLOCK, IFEEL
  and SWING button, you can cancel the **8°HEATING** mode. Then the
  symbol ❄₈ will disappear and the 8°HEATING mode will be cancelled.

  Note: *In 8°HEATING mode, the default temperature is set 8°C.*
  8°HEATING mode is not available for cooling only air conditioner.

SUPER mode

- **SUPER** mode is used to start or stop fast cooling or heating. In SUPER
  mode, the super indicator ⊘ will display on LCD.
  Fast cooling operates at high fan speed, changing the set temperature
  automatically to 61°F(16°C); Fast heating operates at auto fan speed,
  changing the set temperature automatically to 86°F(30°C).
- **SUPER** mode can be set when the appliance is in operation or turned off
  (while plugged in).
- In SUPER mode, you can set temperature, airflow direction or timer.
  If you want to cancel SUPER mode, press the SUPER, MODE, FAN,
  ON/OFF or SLEEP button, the display will return to the original mode.

  Note:
  · *SMART button is not available in SUPER mode.*
  · *The Appliance will continue working in SUPER mode indefinitely, it can only be*
    canceled by pressing any of the buttons mentioned above.
  · *Heating is NOT available for cooling only air conditioner.*

Operation instructions

SLEEP mode

SLEEP mode can be set in **COOLING ,HEATING** or **DRYING** mode.
This function gives you a more comfortable environment for sleep.

- The appliance will stop operation automatically after operating for 8 hours.
- Fan speed is automatically set at low speed.

Each time **SLEEP** button is pressed, the operation mode is changed in sequence:

SLEEP 1 ⟶ SLEEP 2 ⟶ SLEEP 3 ⟶ SLEEP 4 ⟶ QUIT SLEEP MODE
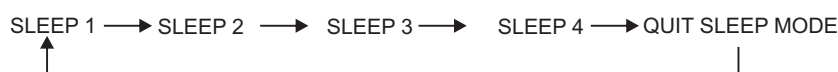
SLEEP mode 1:
- Set temperature will rise by 2°F(2°C) at most if the appliance operates in cooling mode for 2 hours constantly, then keeps steady.
- Set temperature will decrease by 2°F(2°C) at most if the appliance operates in heating mode for 2 hours constantly, then keeps steady.

SLEEP mode 2:
- Set temperature will rise by 2°F(2°C) if the appliance operates in cooling mode for 2 hours constantly, decrease by 1°F(1°C) after 6 hours, then decrease by 1°F(1°C) after 7 hours.
- Set temperature will decrease by 2°F(2°C) if the appliance operates in heating mode for hours constantly, rise by 1°F(1°C) after 6 hours, then rise by 1°F(1°C) after 7 hours.

SLEEP mode 3:
- Set temperature will rise by 1°F(1°C) if the appliance operates in cooling mode for 1 hour, rise by 2°F(2°C) after 2 hours, then decrease by 2°F(2°C) after 6 hours, decrease by 1°F(1°C) after 7 hours.
- Set temperature will decrease by 2°F(2°C) if the appliance operates in heating mode for 1 hour , decrease by 2°F(2°C) after 2 hours, then rise by 2°F(2°C) after 6 hours, rise by 2°F(2°C) after 7 hours.

SLEEP mode 4:
- Set temperature will keeps steady.

Note: Heating is NOT available for cooling only air conditioner.
Note: Press SUPER ,SMART, MODE,SLEEP or FAN button cancel SLEEP mode.

IFEEL mode

IFEEL mode

In IFEEL mode, the temperature sensor built in remote controller is activated. It can sense its surrounding temperature, and transmit the signal back the unit, the unit can adjust the temperature so as to provide maximum comfort.

Note: When using IFEEL mode, it is advisable to put the remote in the place where the indoor unit can receive the signal easily.
Note: When stopping the air conditioner, cancel the IFEEL mode so as to save energy.
Note: If the IFEEL mode will not shut off, please press and hold the IFEEL button for 5 seconds.