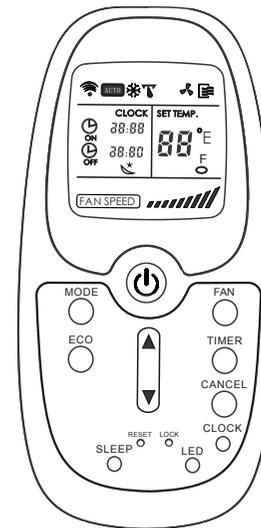


**Remote Controller
Room Air Conditioner**

**Remote Controller
Illustration Manual**

This manual must be left with the owner of the equipment.



The information in this manual supersedes and replaces the previous instruction/operation manual. Illustrations cover the general appearance of the units at the time of publication and the manufacturer reserves the right to make changes in design and construction at any time without notice.

Airwell-Fedders North America
2 Centre Drive
Monroe Township, NJ 08831
Call : 1-800-332-6658

**Before using your remote controller, please read
this manual carefully and keep it for future reference.**

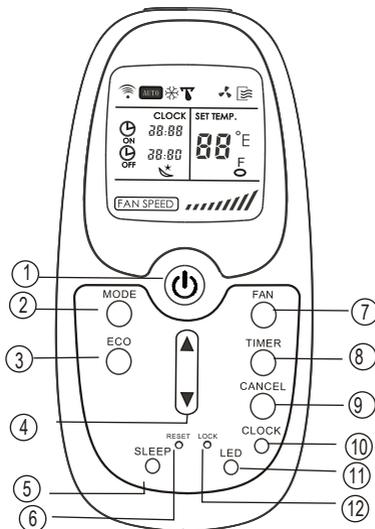
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Cautions

1. Use only AAA or IEC R03/LR03X2 1.5V batteries.
2. When replacing batteries, do not mix alkaline, standard (carbon-zinc), or rechargeable (nickle-cadmium) batteries.
3. Do not attempt to recharge the supplied batteries.
4. All batteries should be replaced at the same time.
5. Do not mix old and new batteries.
6. Do not dispose of the batteries in a fire as they may explode.
7. Do not install the batteries with the polarity (+/-) reversed.
8. Keep batteries and other things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.
9. Remove batteries from remote controller if not in use for a few weeks. Otherwise batteries leakage may damage the remote controller.
10. Average battery life span during normal use is approximately half a year. Replace the batteries when there is no receiving beep from the indoor unit or if the transmission indicator on the remote controller fails to light.
11. Be sure there are no barriers between the remote controller and the receiver of the indoor unit, otherwise the air conditioner will not work.
12. Keep the remote controller away from all liquids.
13. Protect the remote controller from high temperatures and exposure to radiation.
14. Keep the indoor receiver out of direct sunlight or the air conditioner may malfunction.
15. Keep the remote controller away from EMI (Electro-Magnetic Interference) supplied by other household appliances.

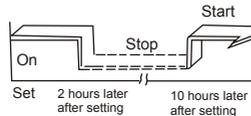
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Features of remote control



- ON/OFF Button:** Push this button to start operation, push the button again to stop operation.
- MODE Select Button:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT and FAN, as the following figure indicates:

- NOTE:** COOL only model has no HEAT feature.
- ECO Button:** This function is only available on COOL mode. Push this button, the fan will continue to run for another 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the cooling system turns back on.
- TEMP/TIME Button** \blacktriangle \blacktriangledown : Push the \blacktriangle button to increase the indoor temperature setting or to adjust the TIMER in a clockwise direction. Push the \blacktriangledown button to decrease the indoor



COMBINED TIMER

(Setting both ON and OFF timers simultaneously)

TIMER OFF → TIMER ON

(On → Stop → Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

Example:

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

- Press the TIMER button until the TIMER OFF indicator is displayed and time setting is flashing.
- Use the TEMP/TIME button to display "2.0" beside the TIMER OFF display.
- Press the TIMER button again to display the TIMER ON.
- Use the TEMP/TIME button to display "10" beside the TIMER ON display.
- Wait for 3 seconds until the TIMER ON time stops flashing and this function is activated.

TIMER ON → TIMER OFF

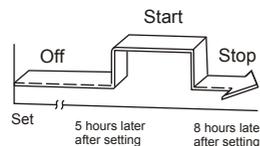
(Off → Start → Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

To start the air conditioner 5 hours after setting, and stop it 8 hours after setting.

- Press the TIMER button, the TIMER ON displays and the setting time flashes.
- Use the TEMP/TIME button to display "5.0" beside the TIMER ON display of the remote controller.
- Press the TIMER button again to display the TIMER OFF and the setting time.
- Use the TEMP/TIME button to display "8.0" beside the TIMER OFF display.
- Wait for 3 seconds until the TIMER OFF time stops flashing and this function is activated.



Example of timer setting



TIMER ON

(Timer Start Operation)

The TIMER ON feature is useful when you want the unit to turn on automatically before say when you return home.

The air conditioner will automatically start operating at the set time.

IMPORTANT: The time will be registered within a 3 second period (after pressing the TEMP/TIME button), so you should continue pressing the button until the desired time is established. Otherwise you must repeat the steps again.

Example:

To start the air conditioner in 8 hours.

1. Press the TIMER button, the TIMER ON indicator is displayed and the setting time beside is flashing.
2. Use the TEMP/TIME button to display "8.0" beside the TIMER ON display of the remote control.
3. Wait for 3 seconds and the setting time stops flashing and this function is activated.

TIMER OFF

(Timer Stop Operation)

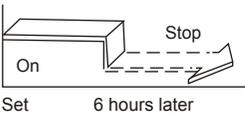
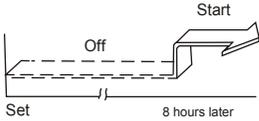
The TIMER OFF feature is useful when you want the unit to turn off automatically after you go to bed.

The air conditioner will stop automatically at the set time.

Example:

To stop the air conditioner in 6 hours.

1. Press the TIMER button until the TIMER OFF indicator is displayed and the setting time beside is flashing.
2. Use the TEMP/TIME button to display "6.0" beside the TIMER OFF display.
3. This function will be activated after 3 seconds you release the TEMP/TIME button.



Features of remote control(continued)

temperature setting or to adjust the TIMER in a counter-clockwise direction.

NOTE: Press and hold "▲" and "▼" buttons together for 3 seconds will alternate the temperature display between the °C & °F scale.

- ⑤ **SLEEP Button:** In SLEEP mode, the set temperature will increase by 2°F over the next 30 minutes and by another 2°F after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature.

▲NOTE: The Sleep mode program can be cancelled at any time operation by pressing SLEEP button.

- ⑥ **RESET Button:** When you press the recessed RESET button, all current settings are cancelled and the control will return to the initial settings.
- ⑦ **FAN Button:** Used to select the Fan Speed in four steps- AUTO, LOW, MED or HIGH. Each time the button is pressed, the fan speed mode is shifted.
- ⑧ **TIMER Button:** This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation).
- ⑨ **CANCEL Button:**
 - (a). If the TIMER ON, TIMER ON→OFF or TIMER OFF→ON feature has been set, press the CANCEL button will override the TIMER program and turn off the unit as well.
 - (b). If only set TIMER OFF feature, press the CANCEL button will cancel the timer off setting and turn on the unit (when the unit is off).
 - (c). If no TIMER feature has been set, press the CANCEL button, and nothing will happen.

- ⑩ **CLOCK Button:** Use to set the time.

- ⑪ **LED Button:** Press this button to clear the digit display in the air conditioner, press it again to activate it.

- ⑫ **LOCK Button:** When you press the LOCK button, all current settings are locked in and the remote controller does not accept any operation except that of the LOCK. Press again to cancel the LOCK mode.

Indicators on remote controller

Transmission Indicator

This transmission indicator lights when remote controller transmits signals to the indoor unit.

Mode display

Displays the current operation mode. Including AUTO(AUTO), COOL(*), DRY(☾), HEAT(☀) (Not applicable to cooling only models), FAN ONLY (🌀) and back to AUTO(AUTO).

ON/OFF display

Displayed by pressing the ON/OFF button. Press the ON/OFF button again to remove.

Temp. display

Displays the temperature setting (17C /62°F to 30°C/86°F) when you set the operating mode to FAN ONLY, no temperature setting is displayed.

Time display

Indicate Timer on/off time(0~ 24 hours) or clock time.

The clock time is indicated only when no AUTO-ON/OFF timer is set. When AUTO-TIMER feature is operating, it displays the AUTO-ON/OFF time. To check the current time, press the CLOCK button, and the time will display.

Fan speed display

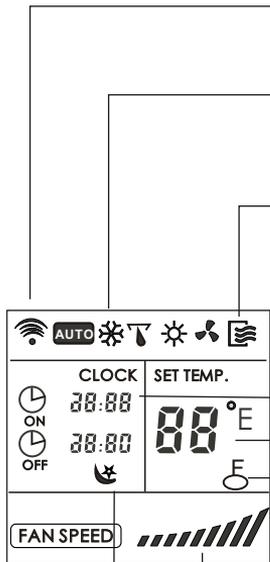
Displays the selected fan speed, AUTO and three fan speed levels "////" (LOW) "/////" (MED) "//////" (HIGH) can be indicated. Displays AUTO when the operating mode is either AUTO or DRY.

Lock Display

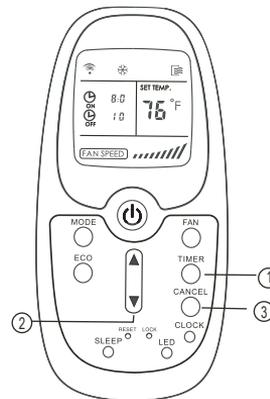
Displayed by pressing the LOCK button. Press the LOCK button again to remove.

Sleep Display

Displayed by pressing the SLEEP button. Press the SLEEP button again to remove.



Timer operation



1. TIMER button
 - Press the TIMER button, the remote displays "0.0" alongside either the TIMER ON or TIMER OFF indicator, and will flash.
2. TEMP/TIME button
 - Press to set the desired time.
 - ▲ Forward
 - ▼ Backward
 - Press or hold the forward or backward button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours.
 - The selected time will register in 3nds after setting.
3. After setting the timer for TIMER ON and TIMER OFF, check the TIMER indicator on the display panel of the unit is illuminated.

Canceling

4. Cancel button(CANCEL)

Press the CANCEL button to cancel the timer setting.

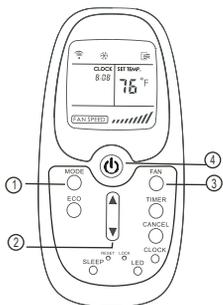
Changing

Perform steps 1, 2 and 3 to change the settings.

CAUTIONS

- When you select the timer operation, the remote controller automatically transmits the timer signal to the indoor unit at the specified time. Therefore, keep the remote controller in a location from which it can transmit the signal to the indoor unit properly.
- The effective operation time set by remote controller is limited in 24 hours.

Cooling/Heating/Fan only operation



Start

Ensure unit is plugged and power is available. The OPERATION lamp on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)

Press to select COOL, HEAT (Not applicable to cooling only models), or FAN ONLY

2. TEMP/TIME button

Set the desired temperature, the most comfortable temperature is between 21C /70°F to 28C /82°F.

3. Fan speed button (FAN SPEED)

Press to select "AUTO", "LOW", "MED" and "HIGH"

4. ON/OFF button

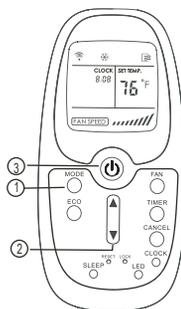
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner. The FAN ONLY mode does not control temperature. Therefore, perform only steps 1,3, and 4 to select this mode.

DRYING OPERATION



Start

Ensure unit is plugged and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)

Press to select DRY.

2. TEMP/TIME button

Push the "TEMP/TIME" button to set the desired temperature from 21°C/70°F to 28°C/82°F.

3. ON/OFF button

When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner.

Note: The fan speed cannot be adjusted when the unit is in AUTO and DRY mode.

Handling the remote controller

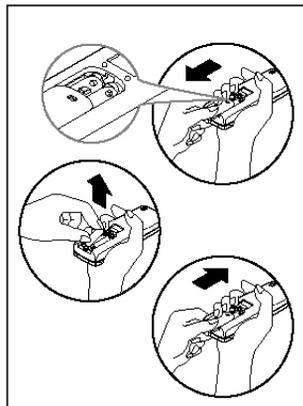


Location of the remote controller.

- Keep the remote controller where its signals can reach the receiver of the unit (a distance of 8m is allowed).
 - When you select the timer operation, the remote controller automatically transmits a signal to the indoor unit at the specified time.
- If you keep the remote controller in a position that hinders proper signal transmission, a time lag of up to 15 minutes may occur.

CAUTIONS

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller, either move these appliances or consult your local dealer.

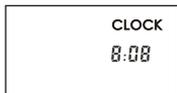
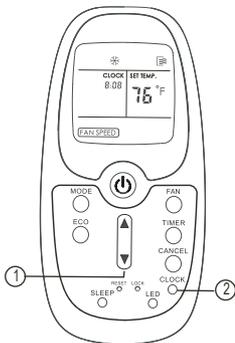


Replacing batteries

The remote controller uses two dry batteries (R03/LR03X2)

- (1) Slide the cover of the battery compartment off according to the arrow direction, then replace the old batteries with new ones.
 - (2) Insert the new batteries making sure that the (+) and (-) of battery are installed correctly.
 - (3) Reattach the cover by sliding it back into position.
- After replacing batteries, set the remote controller clock.

Setting the clock



Before you start operating the air conditioner, set the clock of the remote controller using the procedures given in this section. The clock panel on the remote controller will display the time regardless of whether the air conditioner is in use or not.

Initial Setting or the Clock

After batteries are inserted in the remote controller, the clock panel will display "12:00". Press and hold the CLOCK button for 3nds, the time begin to flash.

1. TEMP/TIME adjust button

- Press this button to set time.

▲ Forward.

▼ Backward.

- Each time you press the button, the time moves forward or backward by one minute depending on which side you press.

The time alters as quickly as you push the button.

- Keep pressing the button without releasing, the time moves forward or backward by 10 minutes depending on which side you press.

2. CLOCK button

When the right time is achieved, press the CLOCK button or release the ▲ or ▼ and wait for 5 seconds, the clock time stops flashing and the clock starts operating.

3. Readjusting the Clock

Press the CLOCK button on the remote controller for about 3 seconds, the clock display time will start to flash.

To set the new time, follow 1 and 2 of "Initial Setting of the Clock".

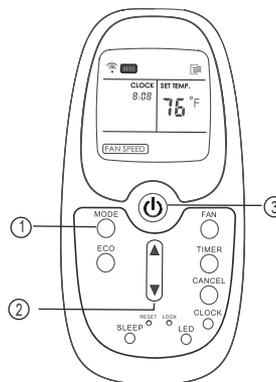
Note: The time of the CLOCK must be set before the AUTO-TIMER feature will operate. If you readjust the time of the CLOCK after setting the AUTO-ON/OFF timer, the remote controller will send the readjusted timer information to the unit.

* Clock accuracy is within 15 seconds per day.

CAUTIONS

Static electricity or other factors (in case of extremely high voltage) can cause remote controller clock initialize. If your remote controller is initialized (flashing "12:00"), readjust the clock before you start operation.

Automatic operation



When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (cooling only type without), or fan only operation depending on what temperature you have selected and the room temperature.

Once you select the operating mode, the operating conditions are saved in the unit's microcomputer memory.

Thereafter, the air conditioner will start operating under the same conditions when you simply push the ON/OFF button of the remote controller.

Start

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)
Press to select AUTO.
2. TEMP/TIME button
Set the desired temperature. Normally, set it between 21C /70F to 28C /82F.
3. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner.

If the AUTO mode is uncomfortable, you can select the desired conditions manually. When you select the AUTO mode, you do not have to set the fan speed. The fan speed will be automatically controlled.