Manuals+ — User Manuals Simplified.

Koppel RG51A Remote Controller Owner's Manual
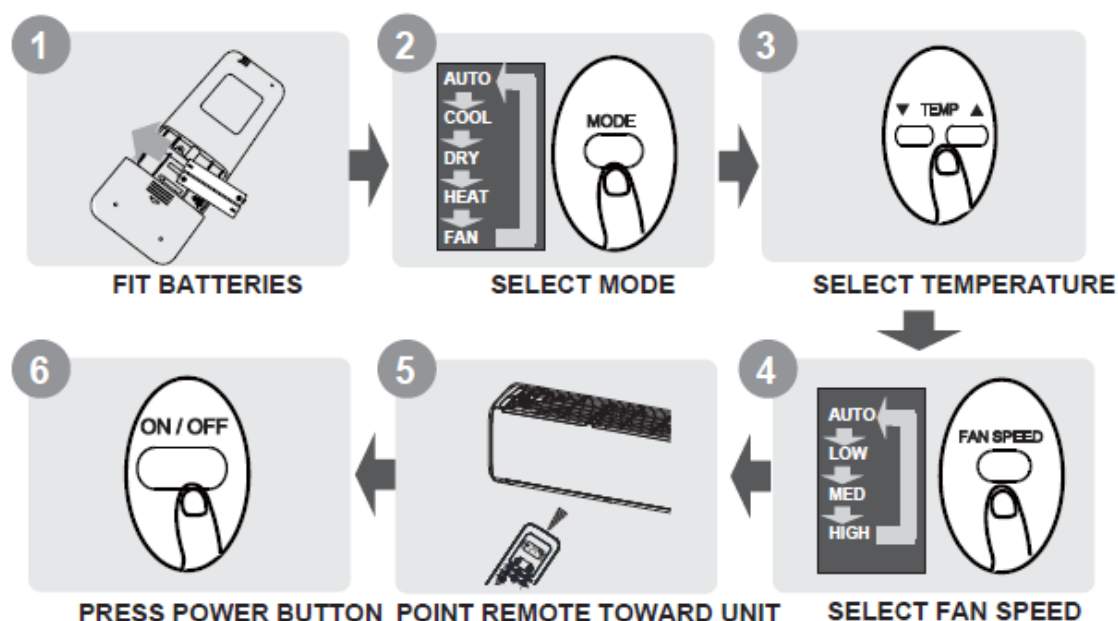
Contents

Koppel RG51A Remote Controller

IMPORTANT NOTE: Thank you for purchasing our air conditioner. Please read this manual carefully before operating your new air conditioning unit. Make sure to save this manual for future reference.

Remote Controller Specifications

Model	RG51A/E, RG51A(1)/EU1, RG51A/CE, RG51A10/E, RG51Y5/E RG51B/E, RG51B(1)/EU1, RG51B/CE, RG51B10/E, RG51Y6/E
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	-5°C~60°C(23°F~140°F)

NOTE: For models of RG51Y5/E and RG51Y6/E, If the unit is turned off under COOL, AUTO or DRY mode with the set temperature less than 24 C, the set temperature will be automatically set to 24 C when you turn on the unit again. If the unit is turned off under HEAT mode with the set temperature more than 24 C, the set temperature will be automatically set to 24 C when you turn on the unit again.

Quick Start Guide

1 FIT BATTERIES	**2** SELECT MODE	**3** SELECT TEMPERATURE
6 PRESS POWER BUTTON	**5** POINT REMOTE TOWARD UNIT	**4** SELECT FAN SPEED

NOT SURE WHAT A FUNCTION DOES?

- Refer to the How to Use Basic Functions and How to Use Advanced Functions sections of this manual for a detailed description of how to use your air conditioner.

SPECIAL NOTE

- Button designs on your unit may differ slightly from the example shown.
- If the indoor unit does not have a particular function, pressing that function's button on the remote control will have no effect.
- When there are wide differences between "Remote controller Manual" and "USER'S MANUAL" on the function description, the description of "USER'S MANUAL" shall prevail.

Handling the Remote Controller

Inserting and Replacing Batteries

Your air conditioning unit may come with two batteries(some units). Put the batteries in the remote control before use.
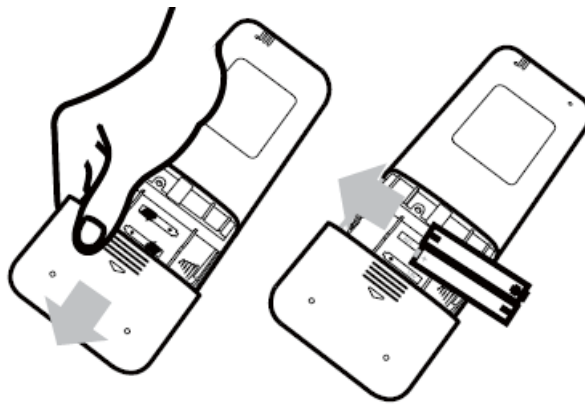
1. Slide the back cover from the remote control downward, exposing the battery compartment.
2. Insert the batteries, paying attention to match up the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
3. Slide the battery cover back into place.

BATTERY NOTES

For optimum product performance:

- Do not mix old and new batteries, or batteries of different types.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

BATTERY DISPOSAL

- Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.

TIPS FOR USING REMOTE CONTROL

- The remote control must be used within 8 meters of the unit.
- The unit will beep when remote signal is received.
- Curtains, other materials and direct sunlight can interfere with the infrared signal receiver.
- Remove batteries if the remote will not be used more than 2 months.

FCC STATEMENT

CAUTIONS FOR USING REMOTE CONTROL

The device could comply with the local national regulations. In Canada, it should comply with CAN ICES-3(B)/NMB-3(B).

In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part
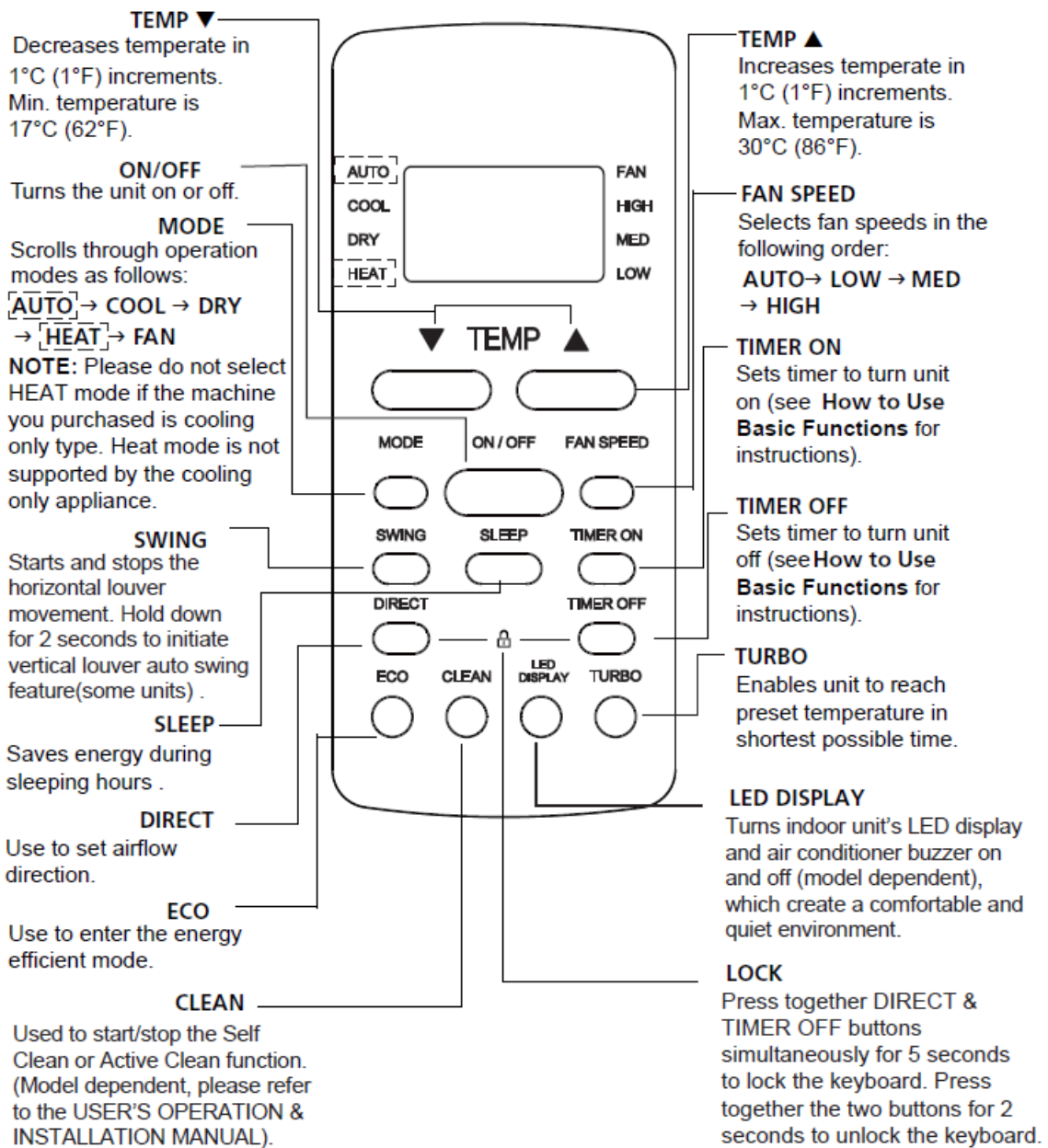
15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

Buttons and Functions

Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the How to Use Basic Functions section of this manual.

- **Model:** RG51A/E, RG51Y5/E, RG51A(1)/EU1
    - RG51A10/E(20-28 C)
    - RG51A/CE(Cooling only models,
    - AUTO mode and HEAT mode are not available)

TEMP ▼
Decreases temperate in 1°C (1°F) increments. Min. temperature is 17°C (62°F).

ON/OFF
Turns the unit on or off.

MODE
Scrolls through operation modes as follows:
AUTO → COOL → DRY → HEAT → FAN
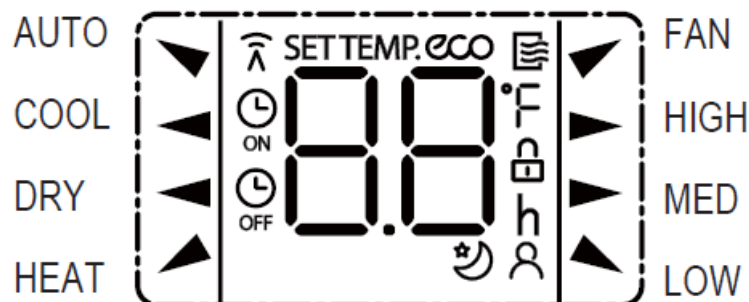**NOTE:** Please do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

SWING
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature(some units) .

SLEEP
Saves energy during sleeping hours .

DIRECT
Use to set airflow direction.

ECO
Use to enter the energy efficient mode.

CLEAN
Used to start/stop the Self Clean or Active Clean function. (Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

TEMP ▲
Increases temperate in 1°C (1°F) increments. Max. temperature is 30°C (86°F).

FAN SPEED
Selects fan speeds in the following order:
AUTO→ LOW → MED → HIGH

TIMER ON
Sets timer to turn unit on (see **How to Use Basic Functions** for instructions).

TIMER OFF
Sets timer to turn unit off (see **How to Use Basic Functions** for instructions).

TURBO
Enables unit to reach preset temperature in shortest possible time.

LED DISPLAY
Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

LOCK
Press together DIRECT & TIMER OFF buttons simultaneously for 5 seconds to lock the keyboard. Press together the two buttons for 2 seconds to unlock the keyboard.

- **Model:** RG51B/E, RG51Y6/E, RG51B(1)/EU1
  - RG51B10/E(20-28 C
  - RG51B/CE(Cooling only models,
  - AUTO mode and HEAT mode are not available)

TEMP ▼
Decreases temperate in 1°C (1°F) increments. Min. temperature is 17°C (62°F).

ON/OFF
Turns the unit on or off.

MODE
Scrolls through operation modes as follows:
AUTO → COOL → DRY → [HEAT] → FAN
NOTE: Please do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

SWING
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature(some units) .

SLEEP
Saves energy during sleeping hours .

DIRECT
Use to set airflow direction.

SHORT CUT
Sets and activates your favorite pre-settings

CLEAN
Used to start/stop the Self Clean or Active Clean function(Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

TEMP ▲
Increases temperate in 1°C (1°F) increments. Max. temperature is 30°C (86°F).

FAN SPEED
Selects fan speeds in the following order:
AUTO → LOW → MED → HIGH

TIMER ON
Sets timer to turn unit on (see **How to Use Basic Functions** for instructions).

TIMER OFF
Sets timer to turn unit off (see **How to Use Basic Functions** for instructions).

TURBO
Enables unit to reach preset temperature in shortest possible time.

LED DISPLAY
Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

LOCK
Press together DIRECT & TIMER OFF buttons simultaneously for 5 seconds to lock the keyboard. Press together the two buttons for 2 seconds to unlock the keyboard.

Remote Screen Indicators

- Information are displayed when the remote controller is power up.

Mode display

- ▼AUTO

- ◀ COOL
- ◀ DRY
- ▲ HEAT
- ▼ FAN

⌒∧	- Displayed when data transmitted.
⊟	- Displayed when remote controller is ON.
⊙ ON	- Displayed when TIMER ON time is set
⊙ OFF	- Displayed when TIMER OFF time is set
8.8 °F h	- Shows set temperature or room temperature, or time under TIMER setting
	- Displayed when ECO feature is activated (some unit)
eco	- Indicated all the current settings are locked
🔒	- Displayed when Follow Me feature is activated(some units)
人	- Displayed when SLEEP feature is activated
☽	**Fan speed indication**

- ▶ **HIGH:** High speed
- ▶ **MED:** Medium speed
- ▲ **LOW:** Low speed
- **NO display:** Auto fan speed

Note: All indicators shown in the figure are for the purpose of clear presentation. But during the actaul operation, only the relative function signs are shown on the display window.

How to Use Basic Functions

Basic operation

ATTENTION: Before operation, please ensure the unit is plugged in and power is available.

COOL Mode
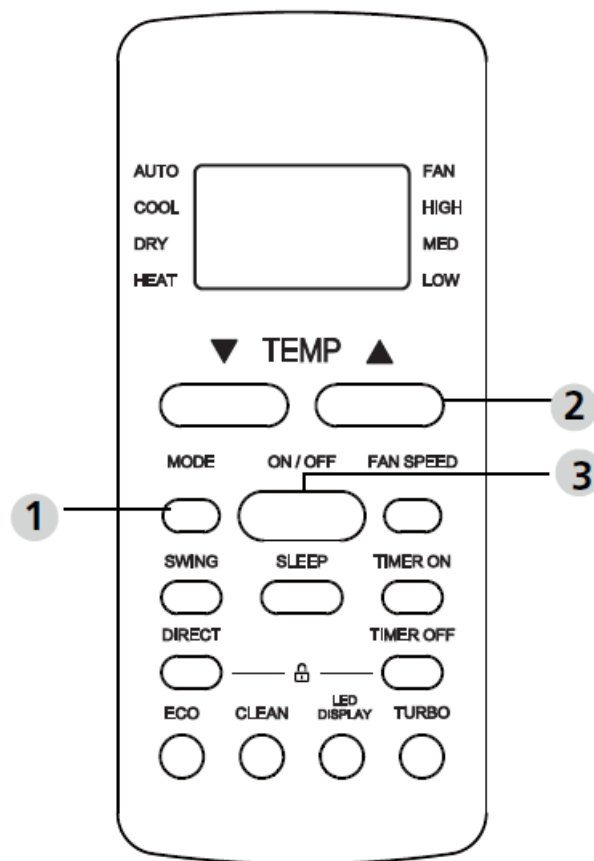
1. Press the MODE button to select COOL mode.
2. Set your desired temperature using the TEMP ▲ or TEMP ▼ button.
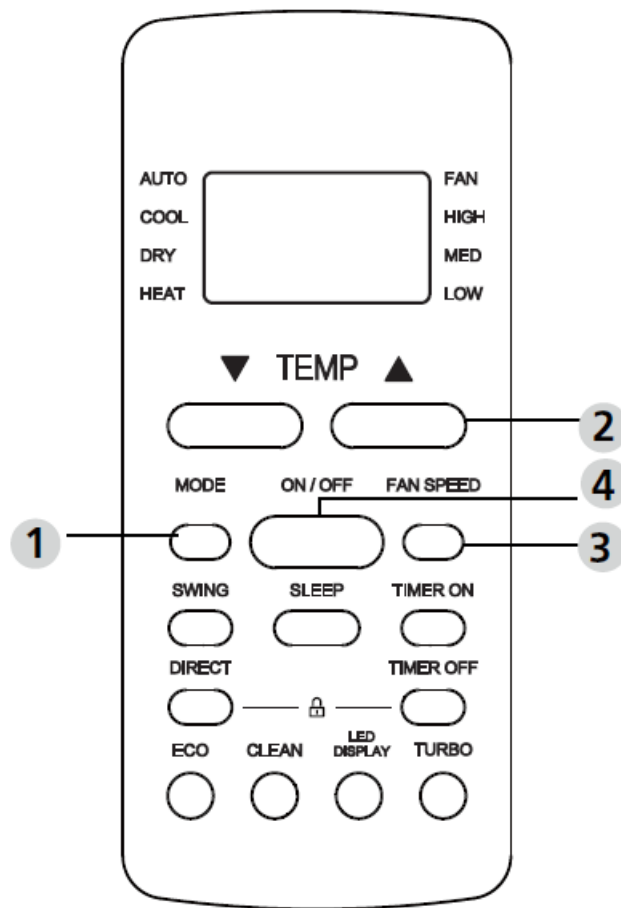3. **Press FAN button to select the fan speed:** AUTO, LOW, MED or HIGH.
4. Press the ON/OFF button to start the unit.

SETTING TEMPERATURE

- The operating temperature range for units is 17-30°C (62-86°F)/20-28 C.
- You can increase or decrease the set temperature in 1°C (1°F) increments.

AUTO Mode

In AUTO mode, the unit will automatically select the COOL, FAN, or HEAT operation based on the set temperature.
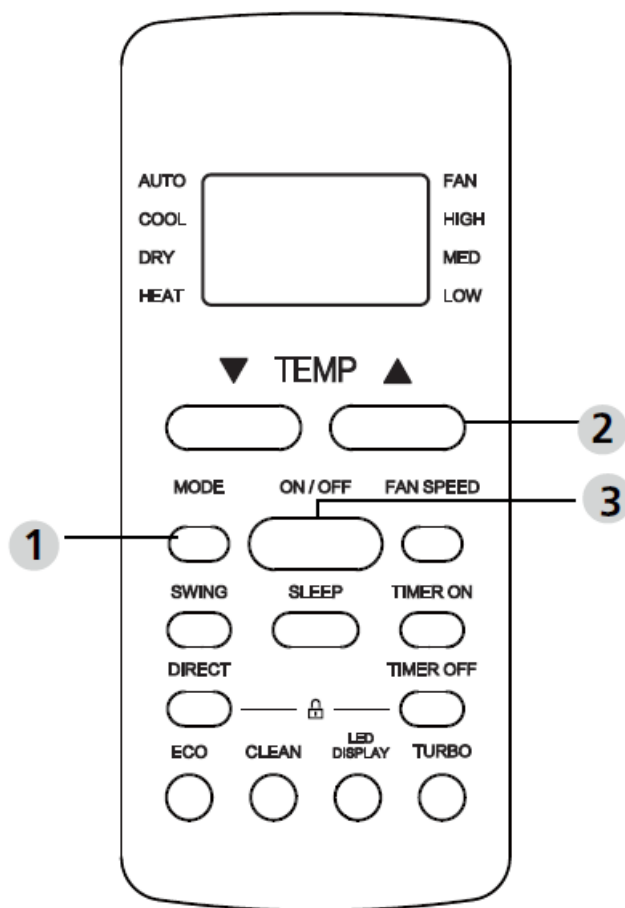
1. Press the MODE button to select AUTO.

2. Set your desired temperature using the TEMP ▲ or TEMP ▼ button.

3. Press the ON/OFF button to start the unit.

NOTE: FAN SPEED can't be set in AUTO mode.

FAN Mode
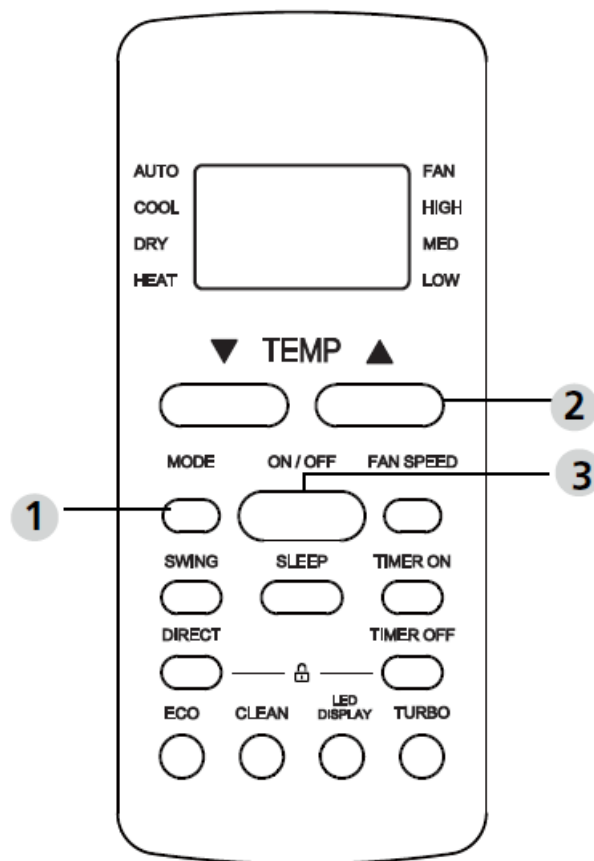
1. Press the MODE button to select FAN mode.

2. **Press FAN button to select the fan speed:** AUTO, LOW, MED or HIGH.

3. Press the ON/OFF button to start the unit.

NOTE: You can't set temperature in FAN mode. As a result, your remote control's LCD screen will not display temperature.

DRY Mode (dehumidifying)
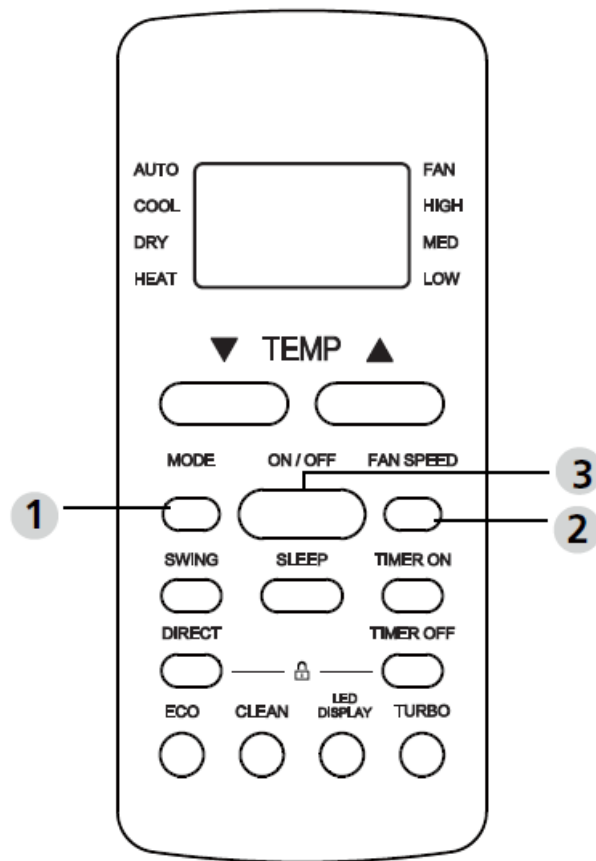
1. Press the MODE button to select DRY.

2. Set your desired temperature using the TEMP ▲or TEMP ▼ button.

3. Press the ON/OFF button to start the unit.

NOTE: FAN SPEED cannot be changed in DRY mode.

HEAT Mode

1. Press the MODE button to select HEAT mode.

2. Set your desired temperature using the TEMP ▲ or T EMP ▼ button.

3. Press FAN button to select the fan speed: AUTO, LOW, MED or HIGH.

4. Press the ON/OFF button to start the unit.

NOTE: As outdoor temperature drops, the performance of your unit's HEAT function may be affected. In such instances, we recommend using this air conditioner in conjunction with other heating appliances.

Setting the TIMER

TIMER ON/OFF: Set the amount of time after which the unit will automatically turn on/off.

TIMER ON setting
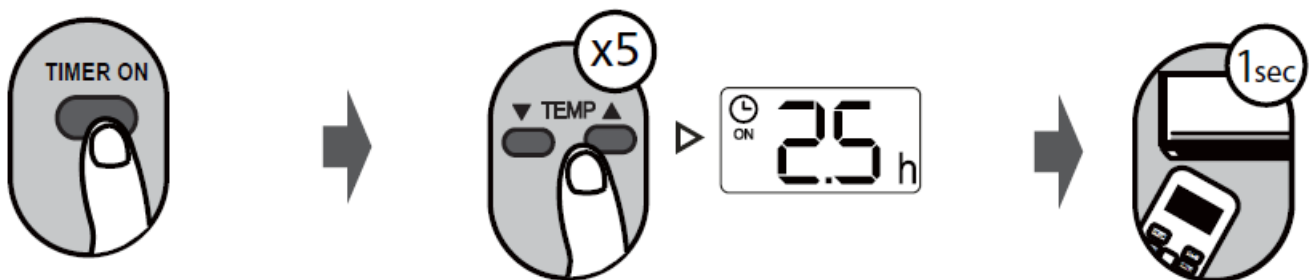
- Press TIMER ON button to initiate the ON time sequence.
- Press Temp. up or down button for for multiple times to set the desired time to turn on the unit.
- Point remote to unit and wait 1sec, the TIMER ON will be activated.

TIMER OFF setting
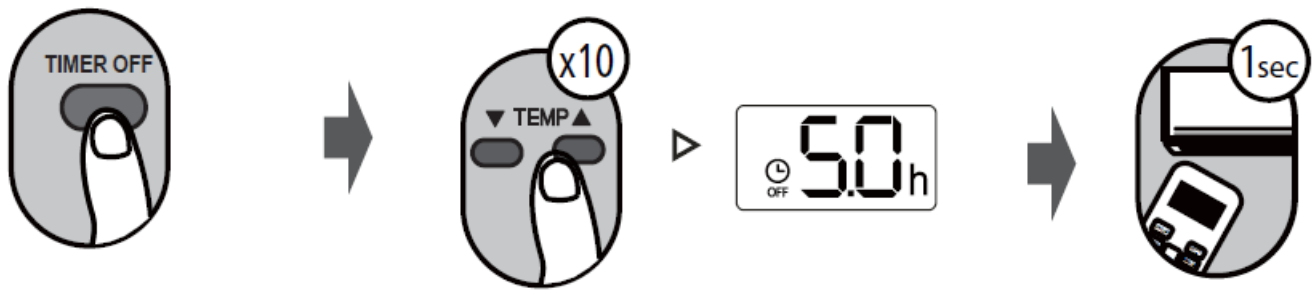
- Press TIMER OFF button to initiate the OFF time sequence.
- Press Temp. up or down button for for multiple times to set the desired time to turn off the unit.
- Point remote to unit and wait 1sec, the TIMER OFF will be activated.

NOTE

1. When setting the TIMER ON or TIMER OFF, the time will increase by 30 minutes increments with each press, up to 10 hours. After 10 hours and up to 24, it will increase in 1 hour increments. (For example, press 5 times to get 2.5h, and press 10 times to get 5h,) The timer will revert to 0.0 after 24.
2. Cancel either function by setting its timer to 0.0h.

TIMER ON & OFF setting(example)
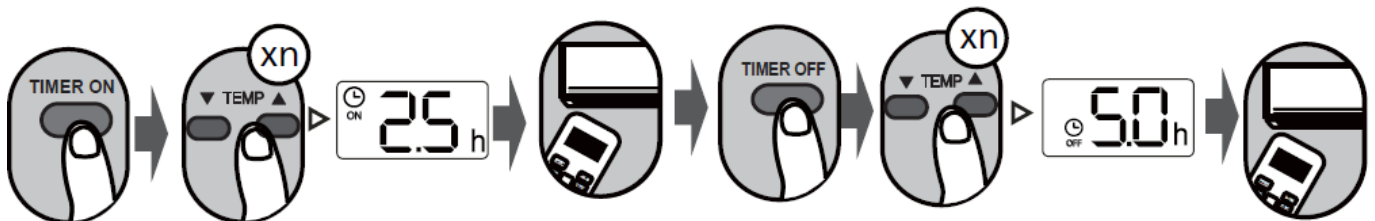
- Keep in mind that the time periods you set for both functions refer to hours after the current time.
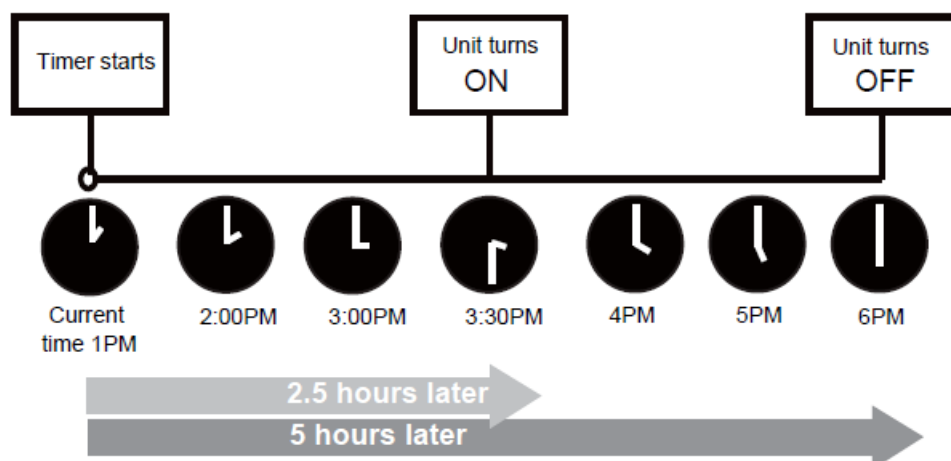
Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.
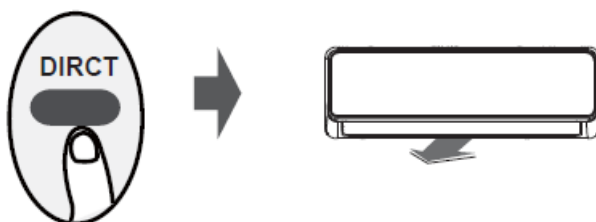
## How to Use Advanced Functions

Swing function
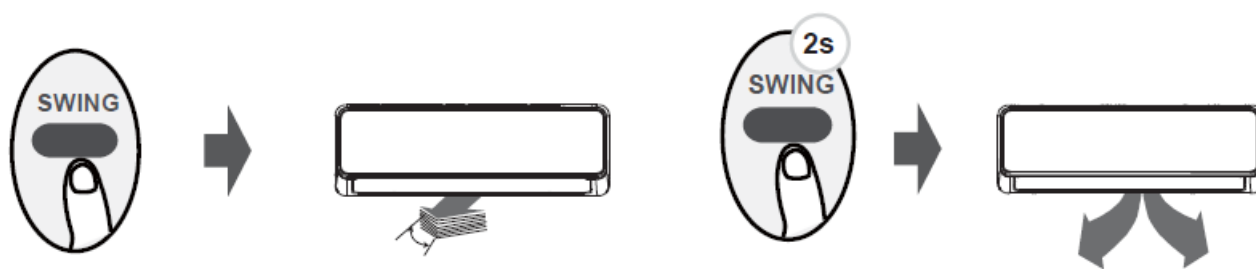
- Press Swing button
- The horizontal louver will swing up and down automatically when pressing Swing button. Press again to make it stop.
- Keep pressing this button more than 2 seconds, the vertical louver swing function is activated. (Model dependent)
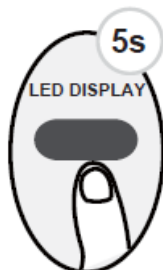
Airflow direction

- Each time you press the button, it will adjust the louver by 6 degrees . Press the button until the direction you prefer is reached.

LED DISPLAY
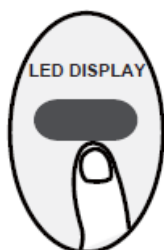
- Press LED button
- Press this button to turn on and turn off the display on the indoor unit.

- Press this button more than 5 seconds(some units)
- Keep pressing this button more than 5 seconds, the indoor unit will display the actual room temperature. Press more than 5 seconds again will revert back to display the setting temperature.

ECO function

- Press this button under COOL Mode to enter the energy efficient mode.
- (For model of RG51A/E, RG51A(1)/EU1, RG51A/CE, RG51A10/E, RG51Y5/E)

Note: This function is only available under COOL mode.

Under cooling mode, press this button, the remote controller will adjust the temperature automatically to 24 C/75 F, fan speed of Auto to save energy (only when the set temperature is less than 24 C/75 F). If the set temperature is above 24 C/75 F, press the ECO button, the fan speed will change to Auto, the set temperature will remain unchanged.

NOTE

- Pressing the ECO button, or modifying the mode or adjusting the set temperature to less than 24 C/75 F will stop ECO operation.
- Under ECO operation, the set tmeperature should be 24 C/75 F or above, it may result in insufficient cooling. If you feel uncomfortable, just press the ECO button again to stop it.

SHORTCUT function
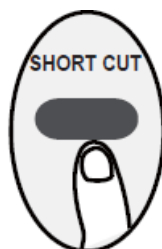
- Used to restore the current settings or resume previous settings.
- (For model of RG51B/E, RG51B(1)/EU1, RG51B/CE, RG51B10/E, RG51Y6/E)
- Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature(if activated).
- If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

SLEEP function

- The SLEEP function is used to decrease energy use while you sleep (and don t need the same temperature settings to stay comfortable). This function can only be activated via remote control.
- The sleep function is not available in Fan or Dry mode.Please refer to the OWNER'S MANUAL for more details.

Silence function

- Keep pressing Fan button for more than 2 seconds to activate/disable Silence function(some units).
- Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity. Press ON/OFF, Mode, Sleep, Turbo or Clean button while operating will cancel silence function.

FP function

The unit will operate at high fan speed (while compressor on) with temperature automatically set to 8°C/46°F.

- Press this button 2 times during one second under HEAT Mode and setting temperature of 17 C/62 F or 20 C(for models of RG51A10/E & RG51B10/E).

Note: This function is for heat pump air conditioner only.

- Press this button 2 times during one second under HEAT Mode and setting temperature of 17 C/62 F or 20 C(for models of RG51A10/E and RG51B10/E) to activate FP function.
- Press On/Off, Sleep, Mode, Fan and Temp. button while operating will cancel this function.

Temperature display
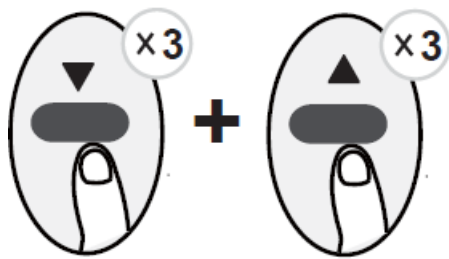
Press together ▲ & ▼ buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F (Applicable for models of RG51A(1)/EU1 and RG51B(1)/EU1 only)

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

A Tradition of leadership and excellence for over 50 years

Contacts

Koppel Head Office

- 106 Industry Drive, Carmelray
- Industrial Park I, Brgy. Canlubang, Calamba City, Laguna 4028
- **Tel no:** (02) 8823-88-83
- **Website: www.koppel.ph**

Iloilo Office

- NSB Bldg., Rizal Street, Iloilo City
- **Tel No.:** (033) 330-2926
- **Cel No.:** 0933-867-2907

Cebu Office

- A. Cortez Avenue, Mandaue City
- **Tel No.:** (032) 346-7279
- **Fax No.:** (032) 346-7865

Davao Office

- J.P. Cabaguio Avenue, Davao City
- **Tel No.:** (082) 221-6419
- **Fax No.:** (082) 221-6418

Cagayan De Oro Office

- 2nd Floor 28-B, Brgy. Cugman Cagayan De Oro City
- **Tel No.:** (088) 880-6326

All specifications are subject to change without prior notice for continous product improvement.

Documents / Resources

koppel **REMOTE CONTROLLER** **OWNER'S MANUAL** *IMPORTANT NOTE: Thank you for purchasing our air conditioner. Please read this manual carefully before operating your new air conditioning unit. Make sure to save this manual for future reference.*	**Koppel RG51A Remote Controller** [pdf] Owner's Manual KSW09-24R4A2, RG51A-E, RG51A 1 -EU1, RG51A-CERG51A10-ERG51Y5-E, RG51B-E, RG 51B 1 -EU1, RG51B-CE, RG51B10-E, RG51Y6-E, RG51A, RG51A Remote Controller, Remote Controller, Controller