



# Operation Manual

## Package Split Type

## Air Conditioner

KFM-36E0C  
KFM-36E0W



### 1. SAFETY PRECAUTION

- Please read this manual carefully before operating the air conditioner.
- Pay special attention to signs “WARNING”. The “Warning” section contains matters, which, if not observed strictly, may cause death or serious injury.
- Please follow all instructions strictly to help ensure your safety.



#### WARNING

- All wiring must conform to local and national electrical codes.
- To avoid possible electrical shock, you must ground your air conditioner.
- This air conditioner requires a separate power supply on a separately fused circuit.
- Do not insert your finger, a sticker, or any other object into the air inlet and air outlet.
- Do not expose the skin directly to the indoor airflow for an extended period of time.
- Do not install the outdoor condensing unit near flammable gas. The condensing unit may catch fire if flammable gas leaks.



#### REMINDER

- Keep this manual for future reference as it contains important installation and safety precautions.

#### Call for service when:

- Abnormal operating noise is heard.
- A fuse blows or a circuit breaker trips frequently.
- The Controls do not work properly.

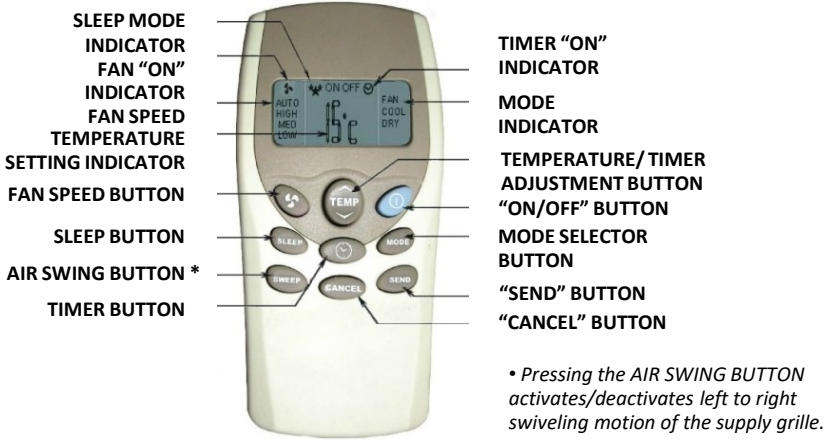
### 2. CONTROL

#### CONTROL PAD

- MODE SELECTOR (LONG PRESS FOR 3 SEC)  
AIR SWING (SHORT PRESS)
- FAN SPEED BUTTON
- TEMPERATURE UP BUTTON
- TEMPERATURE DOWN BUTTON
- POWER ON / OFF BUTTON



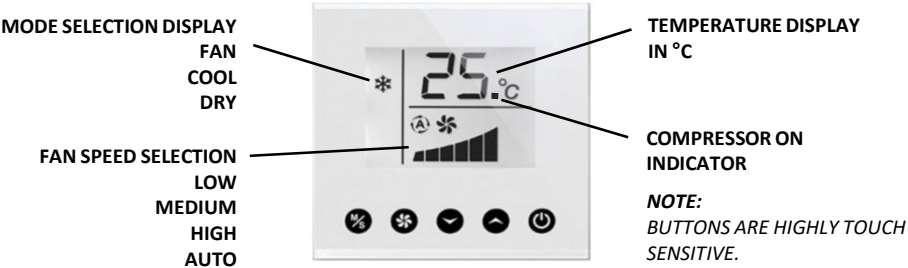
NOTE: BUTTONS ARE HIGHLY TOUCH SENSITIVE.



#### REMOTE CONTROL UNIT

(OPTIONAL – CAN BE PURCHASED SEPARATELY)

### 3. USING THE CONTROL PAD

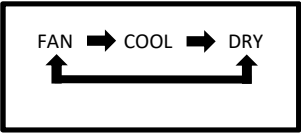


#### Power On the Unit

Turn on the power to the unit by pressing the button on the control pad. When turned on, the system will operate to the last setting. The LCD Display will show the system status.

#### Mode Setting

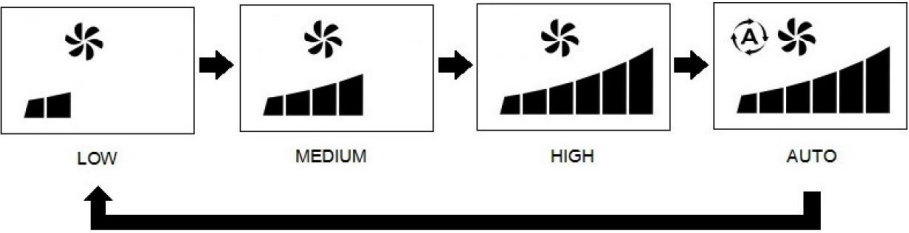
Press and Hold the button for three (3) seconds to change the mode.



The LCD shows or or symbol for FAN, COOL, and DRY mode respectively.

#### Fan Speed Setting

Press button to select the fan speed.



While **Auto** speed is set, the fan speed (High, Medium, Low) will be changed automatically according to the system circulation.

- Note: 1. The **Auto** speed cannot be set in **Fan mode**.  
2. The indoor fan may not work if some functions or protections are activated.

#### Temperature Setting

Press or button to set the temperature in a range of 17 – 30°C.  
NOTE: The temperature cannot be set while in the FAN mode.

The numeric display will blink the new setting for five (5) seconds. Then it will stop blinking and show its idle state which may be the return-air (room) temperature or may be set temperature. It depends on the option setting.

Press and hold and buttons for five (5) seconds to change this setting. The numeric display will show for room temperature as idle state or it will show for set temperature for idle state.

#### Sweep Activation

Press button to turn on and off the air swing function.

#### LED brightness

Press and hold and buttons for three (3) seconds to dim the brightness of LED.  
To set the brightness back to normal, press and hold and buttons for three (3) seconds again or turn off then turn on the air conditioner again.

#### 24 Hour Timer Setting

\* Can be activated only by using the **Remote control wireless handset**.

The air-conditioner can be programmed to turn ON and OFF in advance by setting the timer on the Remote Controller.

#### Sleep Mode

\* Can be activated only by using the **Remote control wireless handset**.

Pressing the **SLEEP** button on the remote controller will activate the sleep mode. One (1) hour after activation of sleep mode, the controlled temperature will be adjusted automatically after 1 hour. Temperature will be raised by one degree (1°C) from set temperature for more comfortable and energy saving at night time.

**NOTE:** The Sleep function can be used only in Cool mode. If the mode is changed the Sleep function will be cancelled.



## 4. CARE AND MAINTENANCE

### Cleaning Your Air Filters

A dirty air filter will cause a reduction in airflow. Reduction of airflow causes overloading and consumes more electricity. Therefore, regular cleaning is necessary for efficient and trouble-free operation.



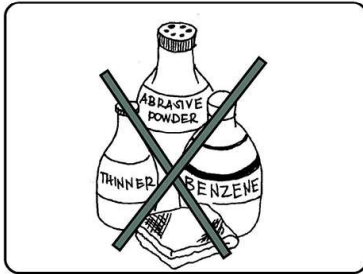
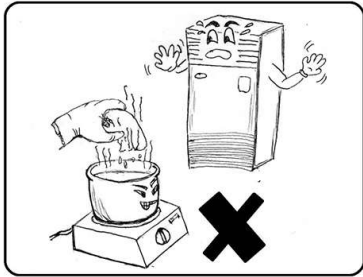
**WARNING:** Ensure that the power supply is switched off before commencing maintenance work.

Remove the return air grille. Remove the screws on the return air grille as shown in the illustration. (See picture at the right side)	
Remove the air filter from the return air grille.	
Remove dust from the air filter by using vacuum cleaner or, if it is very dirty, wash it with soap and wipe it dry before reinstalling it.	
Slide the air filter back into the return air grille.	
Re-mount the return air grilles. Screw back the return grille in place.	

## 5. CLEANING THE UNIT

### Cleaning The Unit

- Clean the air conditioner with a damp cloth and wipe it dry.
- Do not use water above 40°C for cleaning, as this will cause discoloration and deformation.
- Remove dust from the louver area with your vacuum cleaner's thin nozzle.
- Do not splash water directly to the body of the unit, as this may cause a short circuit.
- Do not use thinner, benzene, abrasive powder, nor hot water to clean the unit.



### Not to be Operated for a Long Period of Time

When the air conditioner is not going to be used for a long period of time, switch off the power from the circuit breaker.

### After a Power Failure

Auto-restart function and non-volatile memory will automatically turn ON the unit and return it to its previous setting.

### Before Putting The System Back To Operation

- Turn on the main power to the system at the outdoor unit.
- Run the unit in fan mode for a while to clear the air flow before you operate it in another mode.

### Tips on Using the Air Conditioner

- Clean the filter every other week for higher efficiency.
- Use curtains or blinds to prevent heat gain from the sunlight to the room. Doing so will help reduce electric consumption.
- Close all windows and doors when operating the unit so that there is no leakage of conditioned air outside the room.
- Do not locate a heater or any other heat source near the unit. The heat may deform plastic parts.

## 6. TROUBLESHOOTING

PROBLEM	CAUSES
No operation.	<ul style="list-style-type: none"><li>• Check to see if the power supply switch is off.</li><li>• Check to see if you have a power failure.</li><li>• Check to see if the timer is in operation.</li></ul>
Air conditioner runs but does not cool.	<ul style="list-style-type: none"><li>• Check whether the room temperature is correct.</li><li>• Check whether the sunlight is directly shining into the room. If yes, use curtains or blinds to prevent heat gain to the room.</li><li>• Check whether the door and the window are open.</li><li>• Ensure that no heating appliances have been placed near the air conditioner.</li><li>• Check for obstructions in the air inlet and outlet.</li><li>• Check the air filter for dirt.</li><li>• Call for service if the room does not cool after unit is running for more than a reasonable cooling time.</li></ul>
Control pad is not working.	Call for service.
Outdoor support brackets are loose.	Call for service.
The drain hose on the outdoor unit is cracked or broken.	Call for service.
There's a strange noise coming from the unit.	Call for service.
Water leaking from the indoor unit.	Call for service.

### THE FOLLOWING ARE JUST NORMAL CONDITIONS FOR THE UNIT:

The unit does not operate upon restart.	If you restart the unit within 3 minutes after turning it OFF, or change the mode during operation, a protective device will work to shut OFF the system for 3 minutes. Cooling will resume automatically after the 3-minute delay.
Low Noise.	A soft, swishing noise can be heard during operation or immediately after the unit is turned OFF. This is normal sound of the circulating refrigerant.
Condensate water or water droplets present on the air outlet.	In COOL mode, condensate water can sometimes be seen forming on the air outlet due to the differences in temperature between the room air and the outlet air.

**koppel**

### PRODUCT WARRANTY CERTIFICATE

KOPPEL, INC., warrants to the purchaser of this product that it will furnish labor and/or replacement part or at its option, repair any part thereof which proves upon inspection by KOPPEL, INC. or its authorized service company, to have been defective within one (1) year from the date of original purchase, if it was used thereafter solely within the Republic of the Philippines, in accordance with the terms of this warranty through the KOPPEL, INC. Service Department or any of its authorized service company.

This warranty is non-transferable and does not apply to damage(s) arising from accident, improper use or abuse, force majeure such as typhoons, floods, lightning, earthquakes among others, from use with voltages beyond THE ALLOWABLE VOLTAGE RANGE OF 207 TO 253 VOLTS, or from failure to follow operating instructions provided. If the serial number of the unit is removed, obliterated or defaced, or if the unit is faultily installed, tampered with or altered by anyone other than a duly authorized service personnel, service dealer or accredited installer of KOPPEL, INC., this warranty is considered null and void.

KOPPEL, INC. is not responsible and will not be held liable in contract or in tort (including strict liability and negligence) for any special, indirect or consequential damages, including but not limited to damage to structure or contents, or injury to persons by reason of the installation, use or failure of any KOPPEL, INC. products.

UNIT MODEL : \_\_\_\_\_

SERIAL NUMBER : \_\_\_\_\_

Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice and without incurring any obligation.

PN: F30058

Rev. 0

(OWNER'S COPY)

### WARRANTY REGISTRATION FORM

UNIT MODEL : \_\_\_\_\_

SERIAL NUMBER : \_\_\_\_\_

OWNER'S NAME : \_\_\_\_\_ TEL NO.: \_\_\_\_\_

ADDRESS : \_\_\_\_\_

DEALER'S NAME : \_\_\_\_\_

DATE PURCHASED : \_\_\_\_\_

INSTALLER'S NAME : \_\_\_\_\_

**IMPORTANT !** *In order not to void this warranty please fill up and detach this Warranty Registration Form and, within ten (10) days from date of receipt of equipment, mail to Koppel, Inc. Also you can visit [www.koppel.ph](http://www.koppel.ph)*