



# **Operation Manual**

**Fan Coil Unit**

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



### WARNING

- Read this manual carefully before using your Fan Coil Unit.
- 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 stick 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.



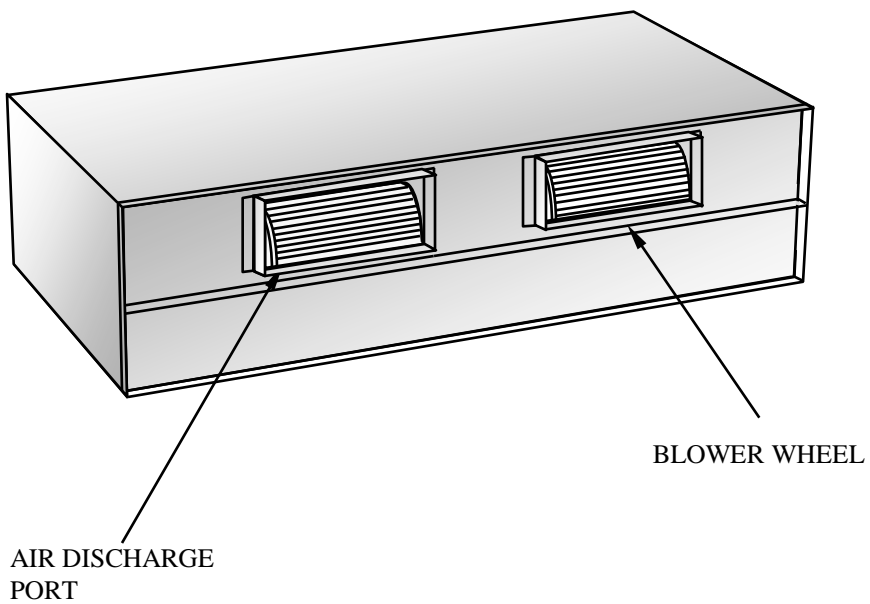
### CAUTION

- Keep this manual for future reference as it contains important installation and safety instructions.
- Do not install the unit near tanks or containers of flammable gas. The unit may catch fire if flammable gas leaks.

#### **Call for service immediately when:**

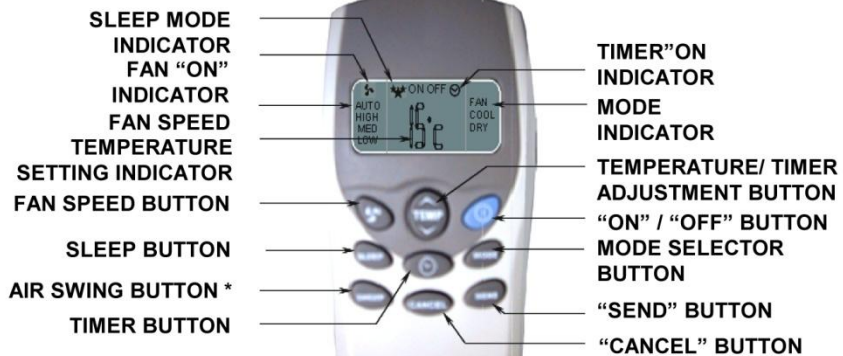
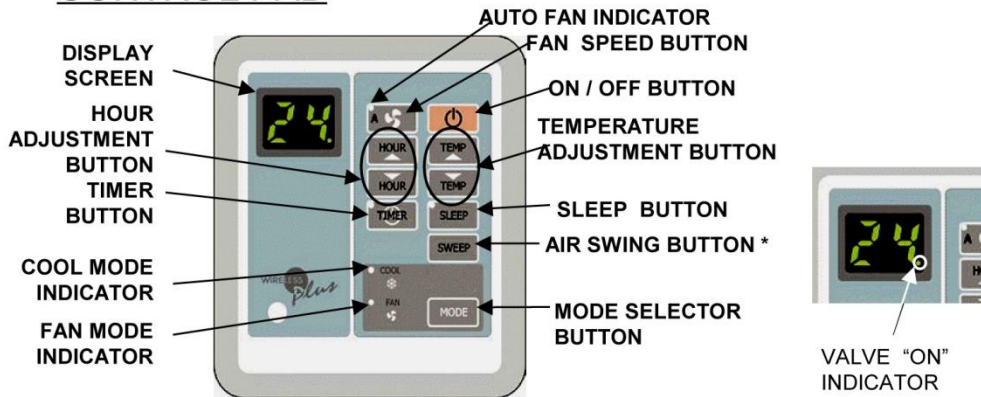
- When abnormal operating noise is heard.
- A fuse blows or a circuit breaker trips frequently.
- The controls do not work properly.

## INDOOR UNIT



*12,000 Btu/hr - 36,000 Btu/hr*


## CONTROL PAD



## REMOTE CONTROL UNIT

\* Pressing the AIR SWING BUTTON activates/ deactivates left to right swiveling motion of the supply grille. Not available for ducted models.

## Power On the Unit

Turn on the power to the unit by pressing the  button on the control pad. The display screen will indicate the actual room temperature.


## Fan Mode

Fan mode operation enables you to select the fan speed (HIGH, MEDIUM, or LOW).



FAN MODE INDICATOR

While the unit is on,

- Press the **MODE** button until FAN MODE INDICATOR lights up.
- Press the  button repeatedly until the desired fan speed is set. (F1 for high, F2 for medium, and F3 for low). The blinking display screen will show the actual fan speed for 5 seconds.

## Dry Mode

DRY MODE can only be activated/deactivated using the remote control. Fan speed is automatically set to LOW FAN (fan speed cannot be adjusted during DRY MODE).

## Setting the Timer

Using the timer, you can automatically turn on or off your unit (preset time from 1 to 15 hours). The timer does not work when the unit is in sleep mode.



TIMER INDICATOR

### To set a time to turn the unit off

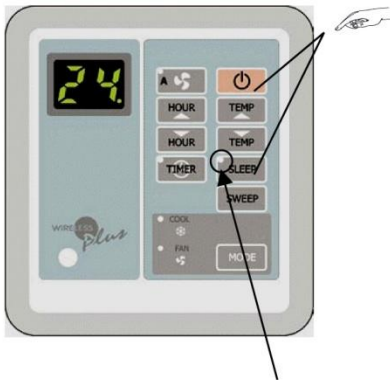
- Press **TIMER** button on the control pad. TIMER INDICATOR on the button will turn on.
- Press **HOURL** or **HOURL** button to change the hour setting on the blinking display screen.

### To set a time to turn the unit on

- Press **TIMER** button on the control pad. TIMER INDICATOR on the button will turn on.
- Press **HOURL** or **HOURL** button to change the hour setting on the blinking display screen.

## Sleep Mode

Sleep function automatically raises the preset temperature by 1°C after an hour.



SLEEP MODE INDICATOR

- Press **SLEEP** button to start the sleep function. The SLEEP MODE INDICATOR will turn on.

## NOTE

- When the system is put into sleep mode, pressing **SLEEP** button again will cancel the sleep function.
- When in sleep mode, every press of the **TEMP** or **TEMP** will change the preset temperature by 1°C.
- Power failure or turning off the unit will cancel the sleep function.

## Lock-Control Function

Lock-control is a security function of the CONTROL PAD, which, when activated, prevents any change on the current user-setting. However, turning "ON" or "OFF" the unit is still possible.



- Press and hold **TEMP** or **TEMP** for 10 seconds until "LC" appears on the display screen.
- To deactivate, press and hold again **TEMP** or **TEMP** for 10 seconds.
- During "LC", only the remote control can adjust the current setting.

*Cleaning Your Air Filters*

A dirty air filter will cause a reduction of airflow, which in turn causes the unit to overload and also consumes more electricity. Therefore regular cleaning is necessary for efficient and trouble-free operation.

NOTE



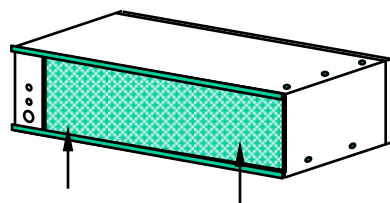
It is necessary to clean the Air Filter at least once every two weeks.

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

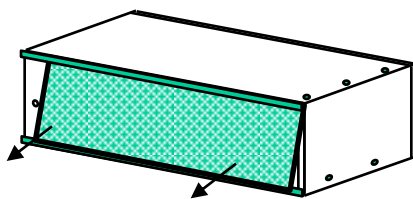
*TO REMOVE AIR FILTER*

**METHOD A**

Lift the filter screen upward as shown.

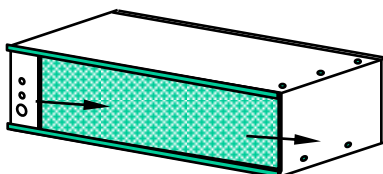


Pull the filter gently.



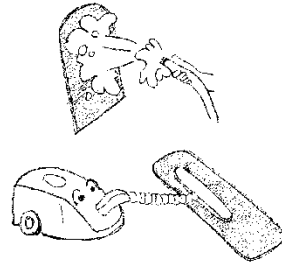
**METHOD B**

Slide the filter sideways in the direction shown.





Remove the dust from the air filter by using vacuum pump cleaner or if it is very dirty, wash it with soap and wipe dry before reinstalling it.



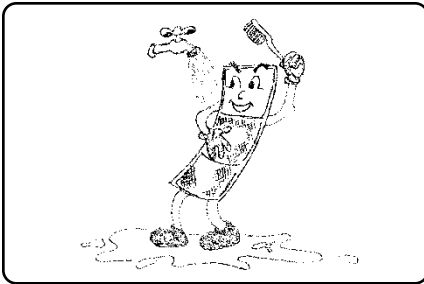
### ***Not Operating For A Long Period Of Time***

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

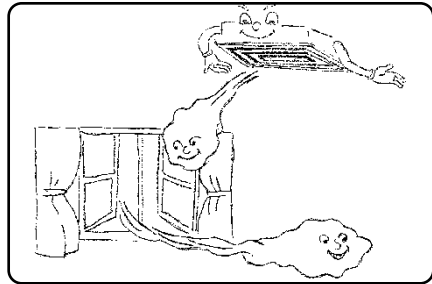
### ***Before Putting The System Back To Operation***

Check if the filter screen is clean. Turn on the main power to the system.

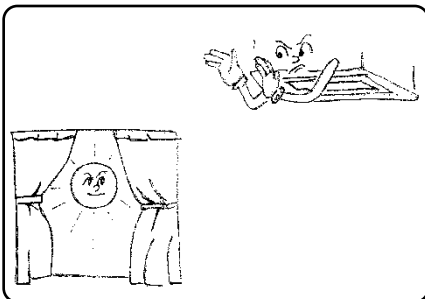
## **TIPS ON USING THE AIR CONDITIONER**



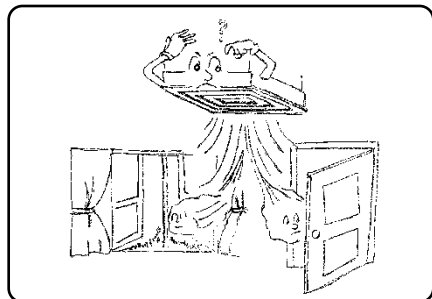
- Clean the filter every other week for higher efficiency.



- It is good to introduce fresh air into the room for awhile by opening the window but not too long as energy will be drained out.



- Use curtains or blinds to prevent heat gain from the sun light 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.

## TROUBLE-SHOOTING

Check the following before you contact the service man, you may find the solution to your problems and save yourself time and money. And if the problem still persists, contact your service person.

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> </ul>
Air Conditioner runs but does not cool.	<ul style="list-style-type: none"> <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 window are opened.</li> <li>• Ensure that no heating appliances have been placed under the return air area.</li> <li>• Check the air filter for dirt.</li> <li>• Call for service if the room is not cold after running for more than a reasonable cooling time.</li> </ul>
Controller is not working	Call for service.
There's a strange noise coming from the unit.	Call for service.
Water leaking from the indoor unit and water drain line.	Turn the unit off and call for service.

### ***THE FOLLOWING ARE NORMAL CONDITIONS FOR THE UNIT.***

Condensate water or water droplets on the air outlet.	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
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## **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 :** \_\_\_\_\_

**(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 visit our website and register at our online warranty registration [www.koppel.ph/customer-support/online-warranty-registration/](http://www.koppel.ph/customer-support/online-warranty-registration/) within ten (10) days from date of purchase and/or start up. For any clarifications, please call our Koppel hotline no. (02) 823-8883.

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## **Koppel, Inc.**

106 Industry Drive,  
Carmelray Industrial Park 1,  
Brgy. Canlubang, Calamba City,  
Laguna, Philippines 4028

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