

Ceiling/Floor Mounted Fan Coil Unit

KCM-36CHW/W
KCM-60CHW/W



1. SAFETY PRECAUTION

- 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

- We recommend that you ask a qualified technician to install your air conditioner in accordance with the Installation Manual Provided.
- Read this manual carefully before using your Split Type Air Conditioner.
- 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 outdoor condensing unit near tanks or containers of flammable gas. The condensing unit may catch fire if flammable gas leaks.

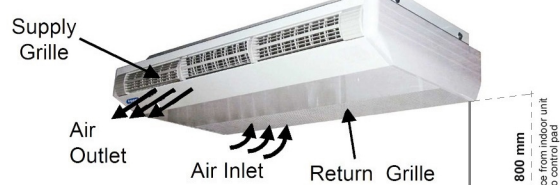
Call for service immediately when:

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

2. PARTS NAME

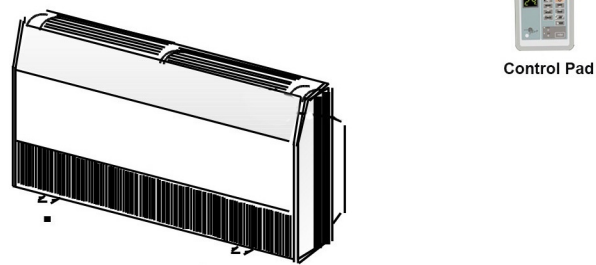
A. SHOWN AS CEILING MOUNTED UNIT

36,000 Btu/hr
60,000 Btu/hr



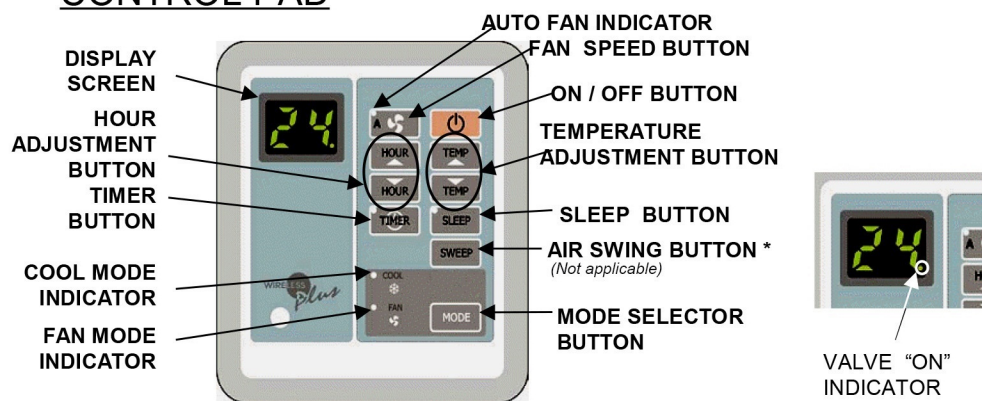
B. SHOWN AS FLOOR MOUNTED UNIT

36,000 Btu/hr
60,000 Btu/hr



3. CONTROL

CONTROL PAD



REMOTE CONTROL UNIT (OPTIONAL - CAN BE PURCHASED SEPARATELY)

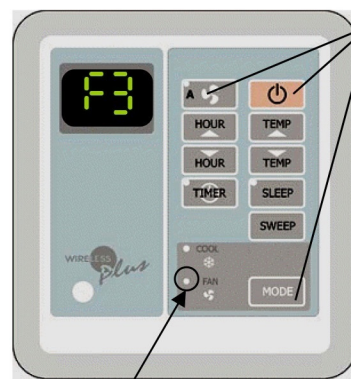
4. USING THE CONTROL PAD

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).



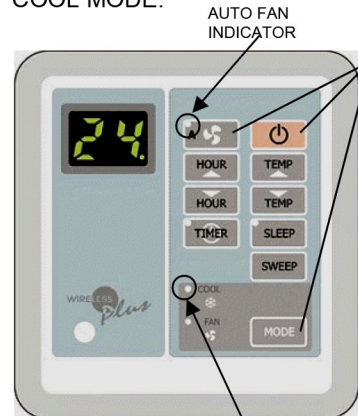
FAN MODE INDICATOR

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.

Cool Mode

Selection of different fan speeds (HIGH, MEDIUM, LOW, or AUTO) is also possible during COOL MODE.



COOL MODE INDICATOR

While the unit is on,

- Press the **MODE** button until the COOL MODE INDICATOR lights up.
- Press the button to set the fan speed (F3 for high, F2 for medium, F1 for low and F0 for auto). The display screen will show the status as it blinks for 5 seconds.
- Press **TEMP** or **TEMP** button to set the temperature. Setting temperature will blink for 5 seconds before the actual room temperature is displayed again on the screen.
- The setting temperature can be adjusted from 15°C to 30°C.

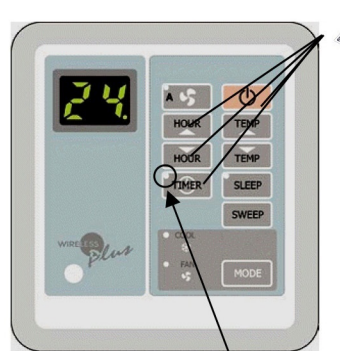
If the fan speed is set to AUTO, the AUTO LED on the fan speed button will be lit. The speed will adjust automatically according to the difference between the actual room temperature and the setting temperature.

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

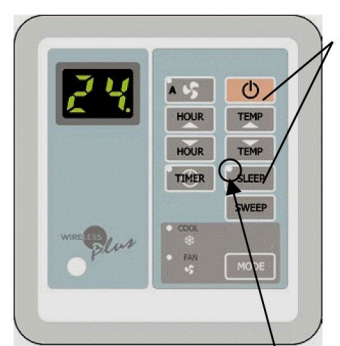
- Press **TIMER** button on the control pad. TIMER INDICATOR on the button will turn on.
- Press **HOUR** or **HOUR** button to change the hour setting on the blinking display screen.

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 **HOUR** or **HOUR** 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

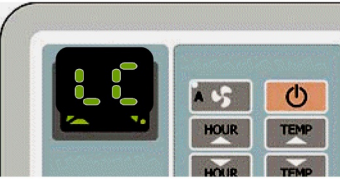
- When the system is put into sleep mode, pressing **SLEEP** button again will cancel the sleep function.
- When in sleep mode, every press of the **TEMP** or **TEMP** will change the preset temperature by 1°C.
- Power failure or turning off the unit will cancel the sleep function.

Koppel, Inc.

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Industrial Park I, Brgy. Canlubang,
Calamba City, Laguna 4028, Philippines
www.koppel.ph

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.

5. CARE AND MAINTENANCE

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

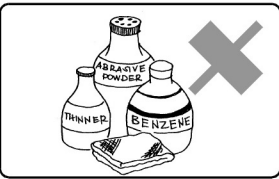
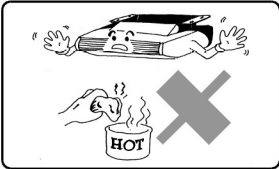
WARNING: Ensure that the power supply is switched off before commencing maintenance work.

Remove the Return Air Grille Remove the screws on the return grille as shown in the figure.	
Remove the Air Filter from the Return Air Grille.	
Remove the dust from the air filter by using vacuum cleaner or if it is very dirty, wash it with soap and wipe dry before reinstalling it.	
Slide the Air Filter back in the Return Air Grille.	
Re-install the Return Air Grille.	

6. CLEANING THE UNIT

Cleaning The Unit

- Clean the fan coil unit 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 front covers and louvers area with your vacuum cleaner’s thin nozzle.
- Do not splash or direct water to the body of the unit, as this may cause a short circuit.



CAUTION:

Do not use thinner, benzene, abrasive powders or hot water to clean the unit.

Not Operating For A Long Period Of Time

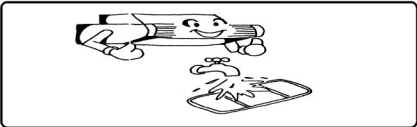
When the fan coil unit is not going to be used for a long period of time, switch off the power from the circuit breaker. Remove the batteries from the remote control.

NOTE

If the air conditioner is connected to the power supply in the ON position, it will still consume energy even though the indoor unit is in OFF mode.

Before Putting The System Back To Operation

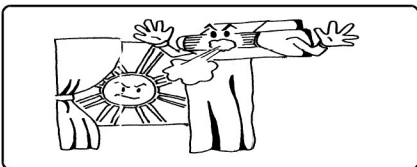
Turn on the main power to the system. Re-install the batteries into the remote control transmitter. Run the unit in fan mode for a while to clear the air flow before you operate it in another mode.



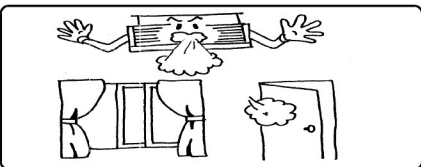
- Clean the filter every other week for higher efficiency.



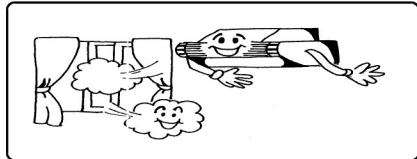
- Do not position the airflow directly at infants, aged or sick person.



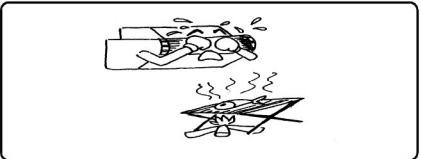
- Use curtains or blinds to prevent heat gain from the sun light to the room. Doing so will help reduce electric consumption.



- Close all windows and doors when operating the unit so that there is no leakage of conditioned air outside the room.



- 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.



- Do not locate a heater or any other heat source near the unit. The heat may deform plastic parts.

7. TROUBLESHOOTING

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">• Check to see if the power supply switch is off.• Check to see if you have a power failure.• Check to see if the timer is in operation.
Air conditioner runs but does not cool.	<ul style="list-style-type: none">• Check whether the room temperature is correct.• Check whether the sunlight is directly shining into the room. If yes, use curtains or blinds to prevent heat gain to the room.• Check whether the door and the window are opened.• Ensure that no heating appliances have been placed near the air conditioner.• Check for obstructions in the air inlet and outlet.• Check the air filter for dirt.• Call for service if the room does not cool after unit is running for more than a reasonable cooling time.
Control pad is not working.	Call for service.
Outdoor support brackets are loose.	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 valve 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 the 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.

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 accredited service center/s to have been defective within the warranty coverage stated below, provided this product is used solely within the Republic of the Philippines and in accordance with the terms of this warranty.

PRODUCT	WARRANTY COVERAGE
Light Commercial Split Type Air-Conditioner, Floor, Ceiling Mounted & Cassette Type (3TR - 5TR)	One (1) year from start up date or 18 months from purchase, whichever is earlier on other parts, labor and consumables, and Five (5) years on compressor from date of purchase.
Light Commercial Split Type Air-Conditioner Concealed, Ducted Type and 7.5TR Above	One (1) year from start up date or 18 months from purchase, whichever is earlier on parts, labor and compressor

GENERAL TERMS AND CONDITIONS

- The warranty is valid only when this warranty certificate, along with proof of purchase such as an invoice and/or delivery receipt indicating the authorized dealer's name, date of purchase, unit model, and serial numbers are presented to KOPPEL, INC. or its authorized service centers.
- 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 this product.
- This warranty will only be honored if the product is installed and mounted by KOPPEL, INC., its accredited installer, and properly maintained and cleaned by KOPPEL, INC. or its authorized service center at least once every six (6) months.
- The warranty is confined to first purchaser only and is not transferable.

WARRANTY EXCLUSIONS

This warranty will be considered null and void if:

- Damage(s) due to Force Majeure, acts of God such as but not limited to typhoons, floods, fire, lightning, earthquakes etc.;
- Damage(s) due to accident, improper use, abuse, faulty or improper installation, poor or lack of cleaning and/or maintenance;
- Product is installed in an area exposed to harmful chemicals and/or atmosphere (acidic);
- Used beyond the allowable voltage supply of 230 Volts or 380 Volts ±10% & Frequency 60Hz (allowable voltage 207~253V or 342~418V, 60Hz); use of generator is not advisable.
- Installed or mounted in a harsh environment. (i.e., sea-going vessel, moving vehicle, port area, power plant, chemical laboratory, commercial kitchen, etc.)
- Damage due to presence of any foreign object or living creature (i.e., rat, lizard, insect, ants, etc.) inside the product unit.
- Failure to follow operating and maintenance instructions as provided in the product manual;
- The serial number of the product is removed, obliterated, tampered or defaced;
- Product is installed, opened or serviced by anyone other than KOPPEL, INC. or its duly authorized installer or accredited service center, and if the Product is disassembled, reassembled, tampered with or altered by anyone other than authorized personnel of KOPPEL, INC.;
- Product is relocated or reinstalled;
- Product is not registered in our website*** within (10) ten days from the date of purchase and/or start up report. Start up is only applicable to Split-type air-conditioner.
- Refrigerant and other expendable items including plastic parts and other accessories such as face cover, blower wheel, air louver, drain hose, remote control and battery and the like are not covered by this warranty;
- Cost of pull-out, delivery and/or mobilization fees are not included during the 1-year warranty period.

UNIT MODEL: _____

DEALER: _____

SERIAL NO.: _____

START UP DATE: _____

DATE OF PURCHASE: _____

INSTALLER: _____

KOPPEL, INC., 106 Industry Drive, Carmelray Industrial Park I, Brgy. Canlubang, Calamba City, Laguna 4028, Philippines. Website: www.koppel.ph

IMPORTANT! In order not to void this warranty, please scan the QR code or go to www.support.koppel.ph, create an account and have your Koppel Accredited Installer register your product online within ten (10) days from the date of start up. For any clarifications, please call our Koppel hotline no. (02) 8823-8883.

ACCOUNT REGISTRATION:

1. Go to www.support.koppel.ph
2. Sign up and create an account. If you already have an account, proceed to step 3.
 - a. Choose either individual customer or company.
 - b. Fill in fields, click agree to the terms and conditions, click "Register".
 - c. Check your e-mail for your username and password.
3. Enter your username and password.

LCP REGISTRATION BY KOPPEL ACCREDITED INSTALLER:

1. Give your registered e-mail account to your Koppel accredited installer.
2. Once your chosen Koppel accredited installer has successfully registered and started up your unit, an e-mail will be sent to your registered email and the unit's warranty details will now be visible in your account.

OWNER'S COPY

WARRANTY CARD

UNIT MODEL : _____

SERIAL NUMBER : _____

OWNER'S NAME : _____

DEALER'S NAME : _____

ADDRESS : _____

DATE PURCHASED : _____

TEL. NO. : _____

INSTALLER NAME: _____

EMAIL : _____

DATE PURCHASED : _____