



220V ~ 60Hz

**WALL-MOUNTED
FAN COIL UNIT**

FCW

FCW2160HZ1
FCW3160HZ1
FCW4160HZ1

FCW2160HZC1
FCW3160HZC1
FCW4160HZC1

FCW2160HZVL1
FCW3160HZVL1
FCW4160HZVL1

FCW2160HZVLC1
FCW3160HZVLC1
FCW4160HZVLC1



FCW60HZ_EN_1406 - 5136110_00

CONTENTS

Warning and Caution	1
Preparations Before Installation	2
Main Components	2
Installation Procedure	3
Wiring Diagram	11
Remote Controller & Operation Guide	21
Wired Controller & Operation Guide	29
Self Diagnostic	34
Start-up Notice	35
Adjusting Air Flow Direction	35
Maintenance & Care	36
Operation Tips	37
Trouble Shooting Guide	37
Important Information	38

P/N:	REV
AC120011	0

WARNING AND CAUTION



1. Do not store or unpack the unit in a wet area or expose to rain or water.



*** it may cause the unit short circuit and may result electric shocks or fire.**



2. Do not install in a place where flammable gas may leak .



*** it may cause fire.**

3. This unit is designed for domestic and commercial use only.



*** if used in certain environments, such as manufacturing workplace, the air conditioner may not function efficiently.**

PREPARATIONS BEFORE INSTALLATION



READ ALL SAFETY INFORMATION BEFORE INSTALLATION:

- * Installations must performed by a qualified technician.
- * Before carrying out installation, put proper individual protection device.
- * This air conditioner must be properly installed in accordance with the Installation Manual.
- * Check all local codes and ordinances that could affect installation of this unit.
- * Refer to rating plate on each unit for the correct voltage, frequency and amperes.
- * Be sure that the power supply is corresponds to the specified rating in the nameplate.
- * Check electrical service provided by utility for the site to be sure the electrical service capacity can handle the load imposed by this unit.
- * Do not use the extension cables. In the case extended cables are needed use terminal block.
- * Refer to dimensional drawings for location of water pipings, condensate drain, and electrical connections before setting in place.

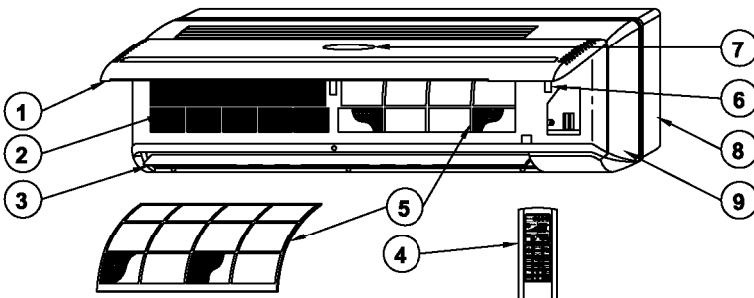


- **THIS PRODUCT MUST BE PROPERLY GROUNDED.**
- **Moving machinery and electrical power is hazards it may cause severe injury or death. Turn off and disconnect the power during installation & repair or any services attempt to the unit.**
- **Sharp edges and coil surfaces are a potential injury hazard avoid contact with them.**

MAIN COMPONENTS

■ INDOOR UNIT

- | | |
|------------------------|--------------------------------------|
| 1. Deco Panel | 6. Emergency Switch/Auxiliary Switch |
| 2. Evaporator Coil | 7. Display Module |
| 3. Horizontal Louver | 8. Base Pan |
| 4. Remote Control Unit | 9. Frame Grille |
| 5. Air Filters | |



■ Description of the components

1. DECO PANEL - the air intake is via the slots. When raising the panel, one has access to the air filters and the other internal parts.
2. EVAPORATOR COIL - This is made of a copper tube with turbelented type aluminum louvers.
3. HORIZONTAL LOUVER - Use to deflect the air from the unit, operated with the step motor.
4. REMOTE CONTROL - Using this unit make possible to set all operating parameters of the unit, these parameter are show in the LCD display to make the programming operations easier.
5. AIR FILTERS - To trap all dirt and dust coming with the air.
6. EMERGENCY SWITCH / AUXILIARY SWITCH- make it possible to turn the unit "ON" or "OFF" in the absence of remote control. To access it, raise the deco panel.
7. DISPLAY MODULE - shown the current operating status of the unit, receive signal from remote control.
8. BASE PAN - The base of whole unit.
9. FRAME GRILLE - This component were attached the deco panel, air filters and Emergency Switch. Use as the cover of unit.

INSTALLATION PROCEDURE

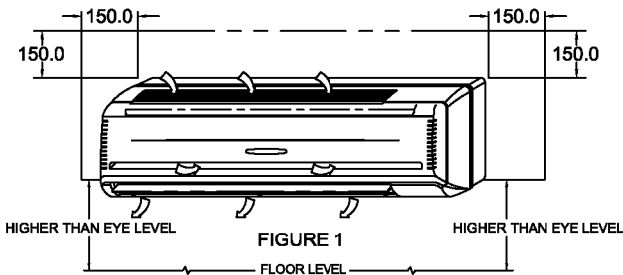
* *LOCATION FOR FAN COIL UNIT*

Select the location of fan coil unit with following consideration:

1. The front of air inlet and outlet shall be free from any obstruction.
The outlet air should flow out freely.
2. The wall where unit is to be mounted should be strong enough to bear the weight and not to produce noise.
3. Ensure the clearance on every side of indoor unit to conform to figure 1.
4. From floor, the height should be more than eye level.



Avoid installing the unit in direct sunlight.



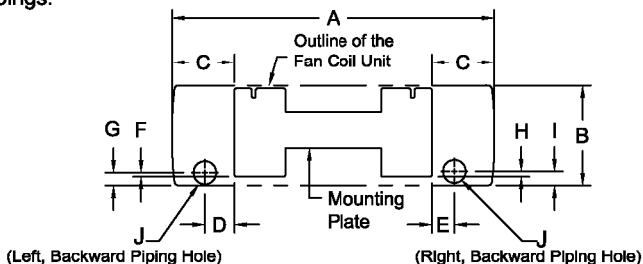
Dimension are in millimeter.

— MAINTENANCE & SERVICING SPACE

➔ AIR FLOW DIRECTION

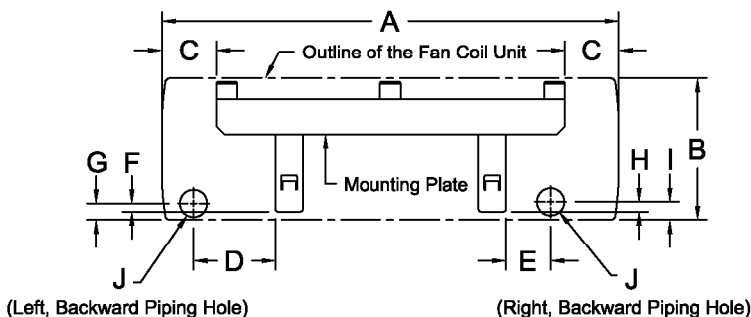
*** MOUNTING PLATE INSTALLATION**

1. After a suitable place for installation has been selected, place the mounting plate horizontally on the wall. Make sure the alignment is horizontal. Use a plumb line, if available.
2. Referring to the figure below, mark the location for the wall plugs and the hole for pipings.



MODEL	A	B	C	D	E	F	G	H	I	J
FCW2160HHC1, FCW2160HZVLC1, FCW2160HZ1 & FCW2160HZVL1	880	298	189	90	68	21	36	25	40	Ø70
FCW3160HHC1, FCW3160HZVLC1, FCW3160HZ1 & FCW3160HZVL1	990	305	191	91	69	24	46	28	50	Ø70

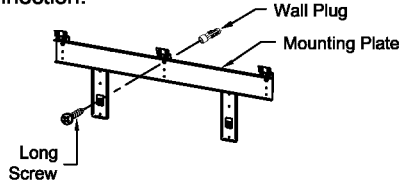
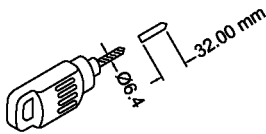
Dimensions are in millimeter.



MODEL	A	B	C	D	E	F	G	H	I	J
FCW4160HHC1, FCW4160HZVLC1 FCW4160HZ1 & FCW4160HZVL1	1172	360	139	210	115	21	42	25	46	Ø 70

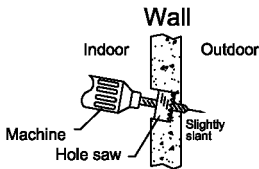
Dimensions are in millimeter.

3. Drill 6.4 mm diameter, 32.0 mm depth on the wall.
4. Insert the wall plugs.
5. Secure the mounting plate and check for stiffness.
6. Drill a piping hole 70.0 mm diameter hole either from the right or to the left indoor side and make sure that the hole is slightly slant downward.
7. If the wall is hollow please provide a sleeve for tube assembly to protect the drain line, refrigerant pipings and field connection.

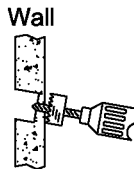


Drill diameter 6.4 mm. depth 32.0 mm holes

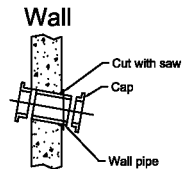
Secure mounting plate and check the stiffness.



Drill a piping hole with 70.0mm diameter concrete drill or hole saw from indoor side.



Drill from the outside

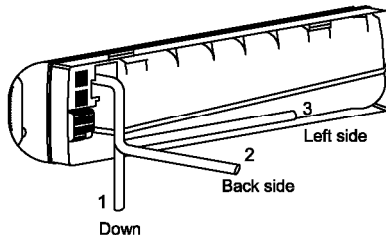


Set wall-pipe and caps (not supplied)

* PIPING AND DRAINAGE OF FAN COIL UNIT

1. Route the fan coil tubing with drain hose to the hole. There four possible tubing routes. For the route 1 and 3 cut the plate to pass the pipe through it, remove sharp edge left on the base pan.

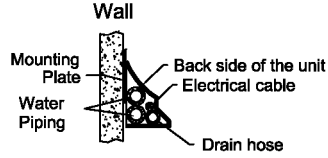
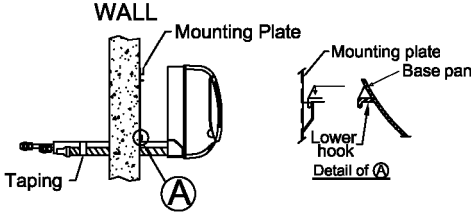
TUBING ROUTE:



2. Insert the fan coil unit pipings and drain pipe through the hole.
3. Tape the tubing, drain hose, and connecting cable.
4. For the horizontal piping, make sure they are laid along the groove at the back of unit and secure the piping using piping holders (2 pieces) before fixing to mounting plate

INSTALLATION PROCEDURE

5. Secure the unit to the mounting plate.



Note : Lay the drain hose as shown above

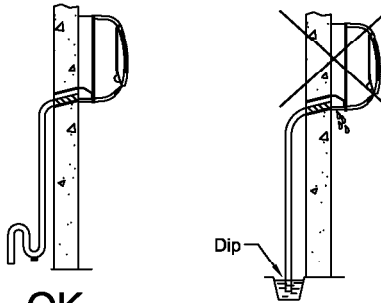
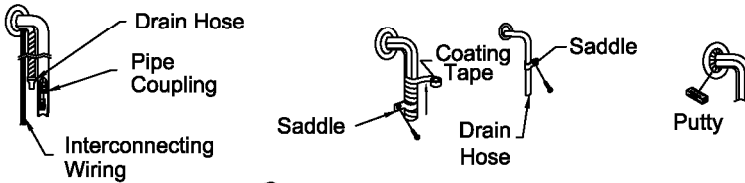
6. Connect the piping and make sure that the seals are fitted neatly.

7. Connect the drain hose and tape over the connecting parts.

8. Ensure that the drain hose has no traps or dips to impede the water flow.

9. Carefully seal any wall opening from weather to avoid any ingress of water.

OUTSIDE OF WALL



OK

* FIELD PIPING CONNECTIONS

PIPING:

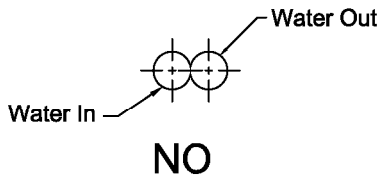
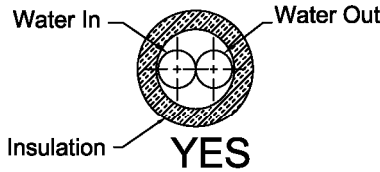
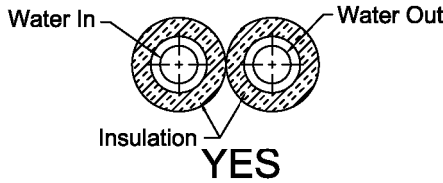
MODEL	FLARE NUT CONNECTION	
	WATER INLET	WATER OUTLET
FCW2160HZC1, FCW2160HZVLC1, FCW2160HZ1, FCW2160HZVL1, FCW3160HZC1, FCW3160HZVLC1, FCW3160HZ1 & FCW3160HZVL1	1/2" FLARE	1/2" FLARE
FCW4160HZC1 & FCW4160HZVLC1 FCW4160HZ1 & FCW4160HZVL1	5/8" FLARE	5/8" FLARE



The piping lines must be installed level in both the horizontal and vertical plane.

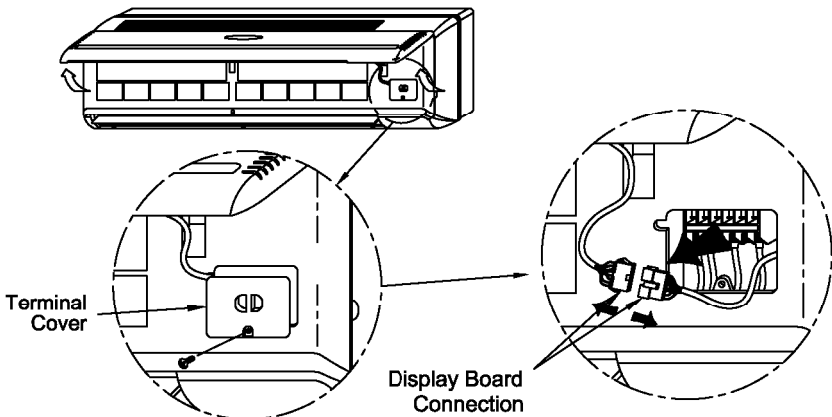
INSULATION OF PIPES :

1. The pipe insulation should cover both INLET and OUTLET pipes as shown below.
2. Use the insulation of polyethylene foam minimum of 6 mm. in thickness.



*** HOW TO REMOVE THE FRAME GRILLE**

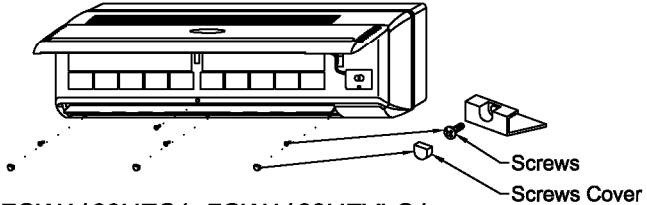
1. Open the front panel by grasping the panel at the side rounded groove and pulling it towards you.
2. Un screw the terminal cover, pull out and disconnect the display board connection as shown in the illustration.



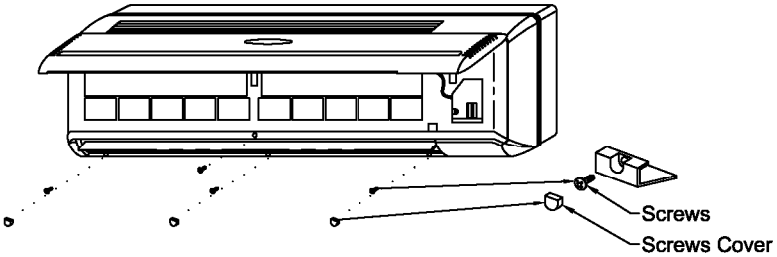
INSTALLATION PROCEDURE

3. Remove the 3 screws cover and the mounting screws of the frame grille (please refer to the illustration).

FOR MODEL: FCW2160HHC1, FCW2160HZVLC1,
FCW2160HZ1, FCW2160HZVL1,
FCW3160HHC1, FCW3160HZVLC1,
FCW3160HZ1 & FCW3160HZVL1



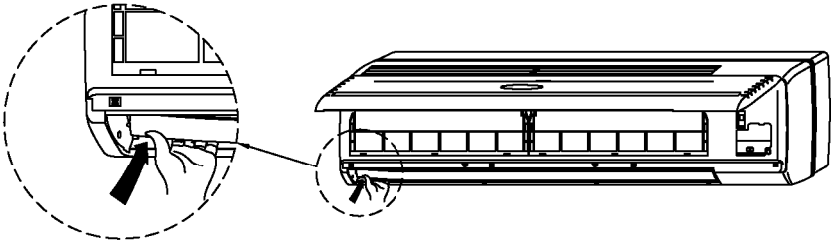
FOR MODEL: FCW4160HHC1, FCW4160HZVLC1,
FCW4160HZ1 & FCW4160HZVL1



4. Set the horizontal louver at close position, detach horizontal louver stud on left side and push inside (please see illustration).

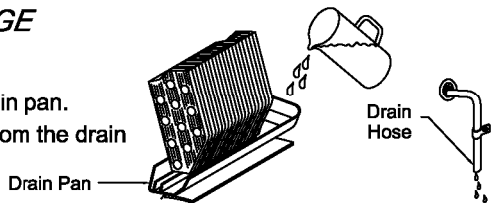


When performing this action, please do it gently to avoid damaging the louver.



* CHECKING THE DRAINAGE

1. Turn off power to the unit.
2. Pour a glass of water into the drain pan.
3. Ensure that the water flows out from the drain hose of fan coil unit.



*** WIRING CONNECTIONS**



- * Be sure to turn off the main power supply before open the frame grille for servicing.
- * Always refer to the wiring diagrams supplied with this manual.
- * Check local electrical codes and also any specific wiring codes.

Connect the unit to adequate power outlet.

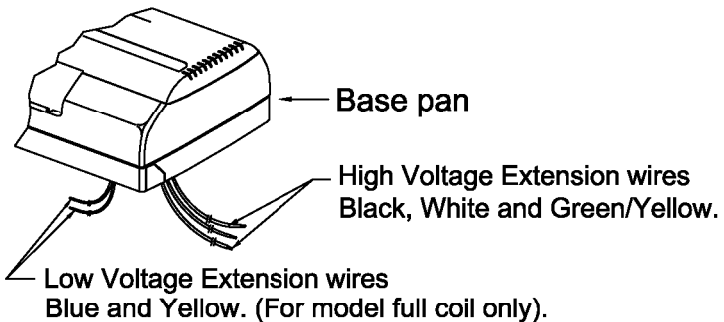
(Rating voltage $\pm 10\%$ during operation)

Adequate Power Outlet

Time delay fuse or circuit Breaker	Amp.	Model Used
	5A	FCW2160HXC1, FCW2160HZVLC1, FCW2160HZ1, FCW2160HZVL1, FCW3160HXC1, FCW3160HZVLC1, FCW3160HZ1, FCW3160HZVL1, FCW4160HXC1, FCW4160HZVLC1 FCW4160HZ1 & FCW4160HZVL1



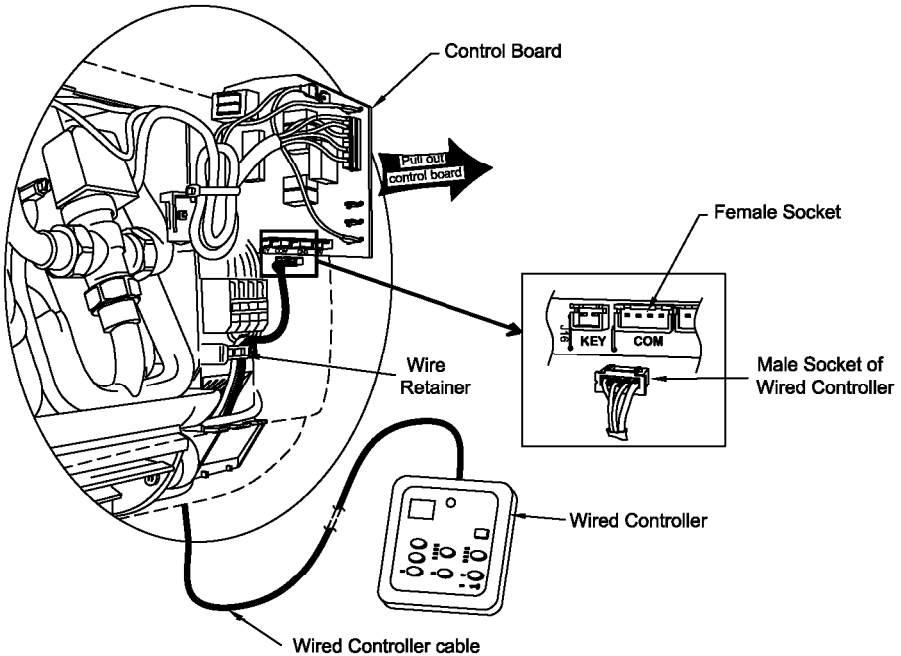
- * Check the Main Power Supply is " Switch Off " before the power connection for the unit is made.
- * The location of Outlet Box (Panel Compartment) must be easy to access during inspection and servicing the unit.
- * The Outlet Box (Panel Compartment) were the field wiring is to be done must be accessible only by removing the Service Cover / Panel Cover of Outlet Box (Panel Compartment).
- * For the two Low Voltage Extension Wires (Blue and Yellow) and the three High Voltage Extension Wires (Black, White and Green/Yellow) connection refer to wiring diagram at page 11~14.



Connect the two low voltage extensions wires (Blue and Yellow) to the water control valves per wiring diagram page 13~14.

*** INSTALLATION OF THE WIRED CONTROLLER**

1. Remove the frame grille in the same order of "HOW TO REMOVE THE FRAME GRILLE".
2. Insert the wired controller cable at the bottom base pan, see illustration below.
3. Pull out gently the control board as shown in the illustration.
4. Find the female socket (COM) and insert the male socket of wired controller firmly.
5. Return back the control board to its original position.
6. Secure the cable of wired controller with wire retainer.



Remarks:

1. After insert wired remote unit, the display board will be display as the setting in wired remote unit .
2. Emergency/Auxiliary switch could not activate with the wired remote unit.

WIRING DIAGRAM

MODEL : FCW2160HZC1 & FCW3160HZC1

LEGEND

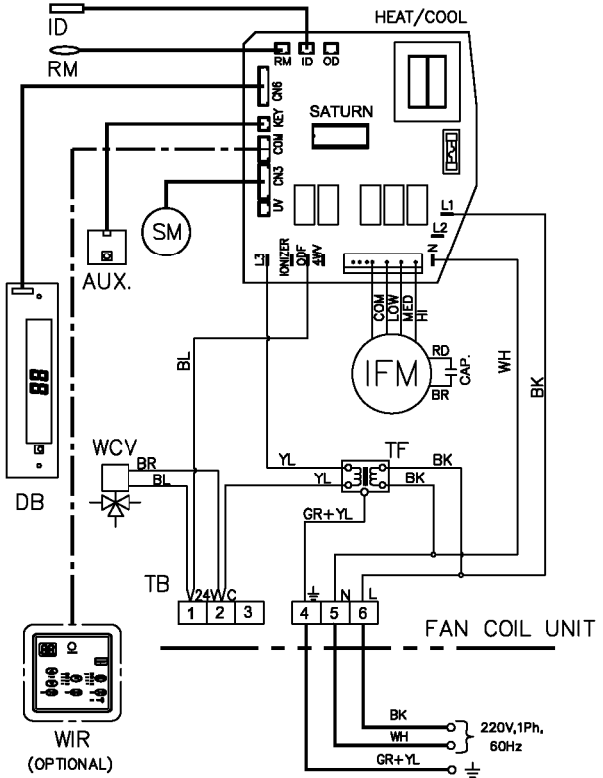
- AUX. : AUXILIARY SWITCH
- CAP. : CAPACITOR
- DB : DISPLAY BOARD
- ID : INDOOR COIL THERMISTOR
- IFM : INDOOR FAN MOTOR
- RM : ROOM SENSOR
- SM : STEP MOTOR
- TB : TERMINAL BLOCK
- TF : 24V TRANSFORMER
- WCV : WATER CONTROL VALVE
- WIR : WIRED REMOTE UNIT

TERMINAL BLOCK LEGEND

- 1 (24V) : 24V WATER CONTROL VALVE CONTROL CONNECTION
- 2 (C) : 24V COMMON CONNECTION
- 4 (⊥) : EARTH/GROUND CONNECTION
- 5 (N) : NEUTRAL CONNECTION
- 6 (L) : LIVE CONNECTION

WIRE COLOURS

- BK : BLACK
- BL : BLUE
- BR : BROWN
- GR : GREEN
- RD : RED
- WH : WHITE
- YL : YELLOW



INDOOR FAN MOTOR CON:

MODEL: FCW2160HZC1 & FCW3160HZC1

IFM WIRED TO – HI(BK), MED(GR) & LOW(YL)



NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
3. THE UNIT SHALL BE INSTALLED ACCORDING TO NATIONAL WIRING REGULATIONS.

WIRING DIAGRAM

MODEL : FCW4160HZC1

LEGEND

- AUX. : AUXILIARY SWITCH
- CAP. : CAPACITOR
- DB : DISPLAY BOARD
- ID : INDOOR COIL THERMISTOR
- IFM : INDOOR FAN MOTOR
- RM : ROOM SENSOR
- SM : STEP MOTOR
- TB : TERMINAL BLOCK
- TF : 24V TRANSFORMER
- WCV : WATER CONTROL VALVE
- WIR : WIRED REMOTE UNIT

TERMINAL BLOCK LEGEND

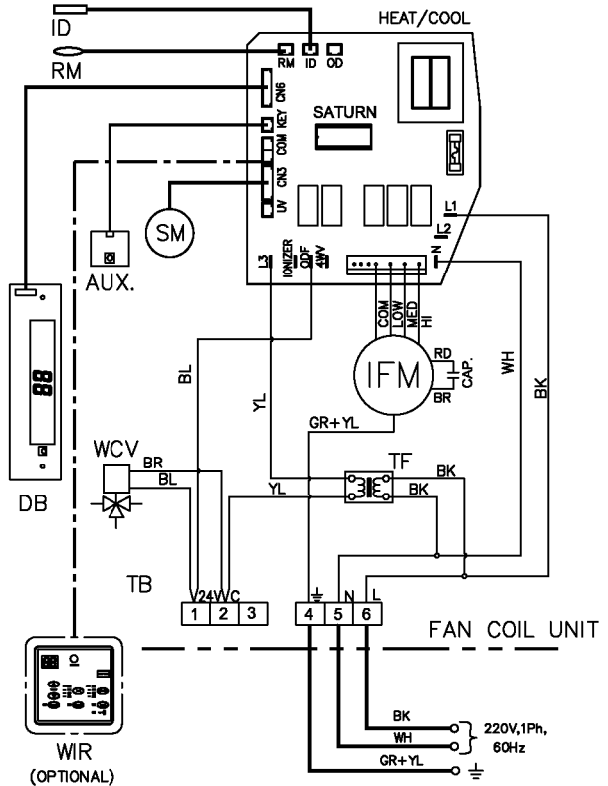
- 1(24V) : 24V WATER CONTROL VALVE CONTROL CONNECTION
- 2(C) : 24V COMMON CONNECTION
- 4(⊥) : EARTH/GROUND CONNECTION
- 5 (N) : NEUTRAL CONNECTION
- 6 (L) : LIVE CONNECTION

WIRE COLOURS

- BK : BLACK
- BL : BLUE
- BR : BROWN
- GR : GREEN
- RD : RED
- WH : WHITE
- YL : YELLOW

NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
3. THE UNIT SHALL BE INSTALLED ACCORDING TO NATIONAL WIRING REGULATIONS.



INDOOR FAN MOTOR CON:

MODEL: FCW4160HZC1

IFM WIRED TO - HI(BK), MED(YL) & LOW(BL)



WIRING DIAGRAM

MODEL : FCW2160HZVLC1 & FCW3160HZVLC1

LEGEND

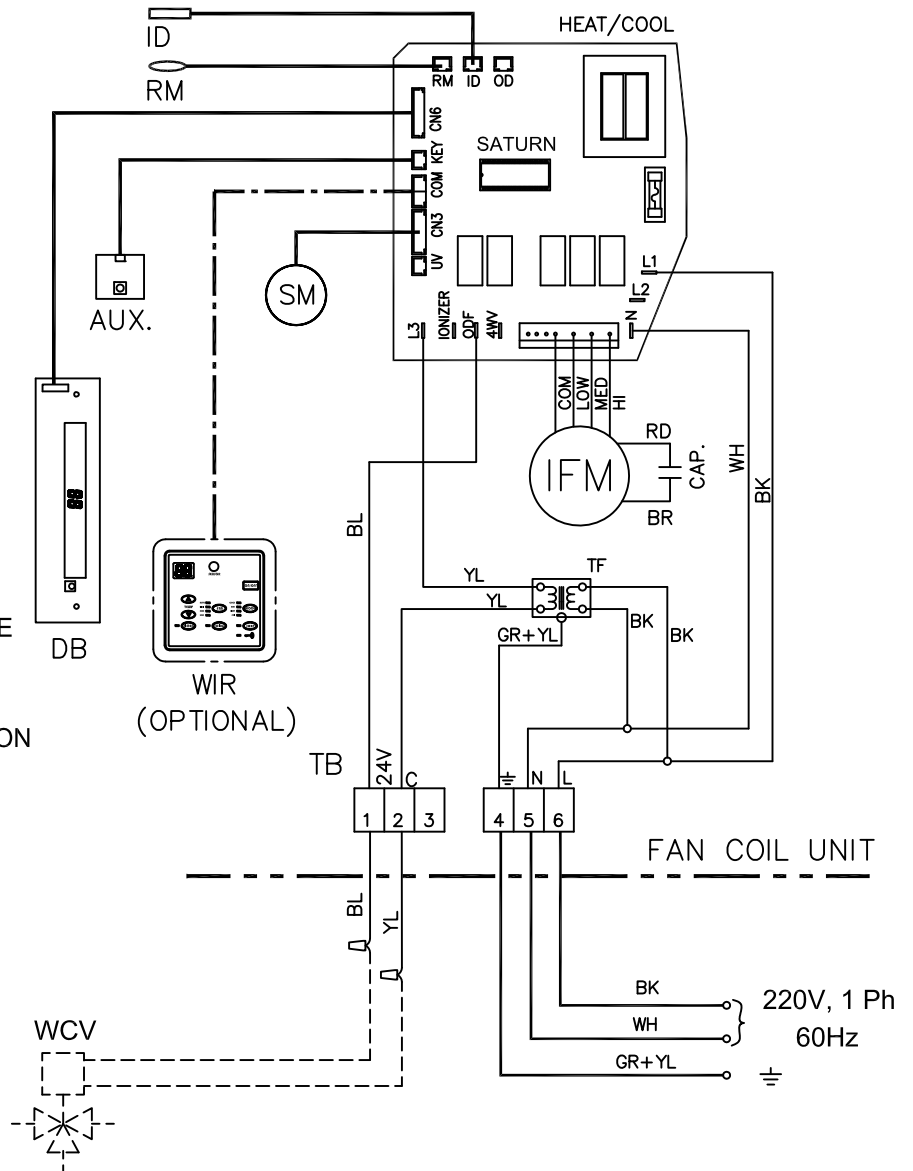
- AUX. : AUXILIARY SWITCH
- CAP. : CAPACITOR
- DB : DISPLAY BOARD
- ID : INDOOR COIL THERMISTOR
- IFM : INDOOR FAN MOTOR
- RM : ROOM SENSOR
- SM : STEP MOTOR
- TB : TERMINAL BLOCK
- TF : 24V TRANSFORMER
- WCV : WATER CONTROL VALVE
- WIR : WIRED REMOTE UNIT

TERMINAL BLOCK LEGEND

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- 2 (C) : 24V COMMON CONNECTION
- 4(⊥) : EARTH/GROUND CONNECTION
- 5 (N) : NEUTRAL CONNECTION
- 6 (L) : LIVE CONNECTION

WIRE COLOURS

- BK : BLACK
- BL : BLUE
- BR : BROWN
- GR : GREEN
- RD : RED
- WH : WHITE
- YL : YELLOW



INDOOR FAN MOTOR CON:
 MODEL: FCW2160HZVLC1 & FCW3160HZVLC1
 IFM WIRED TO – HI(BK), MED(GR) & LOW(YL)



NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
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WIRING DIAGRAM

MODEL : FCW4160HZVLC1

LEGEND

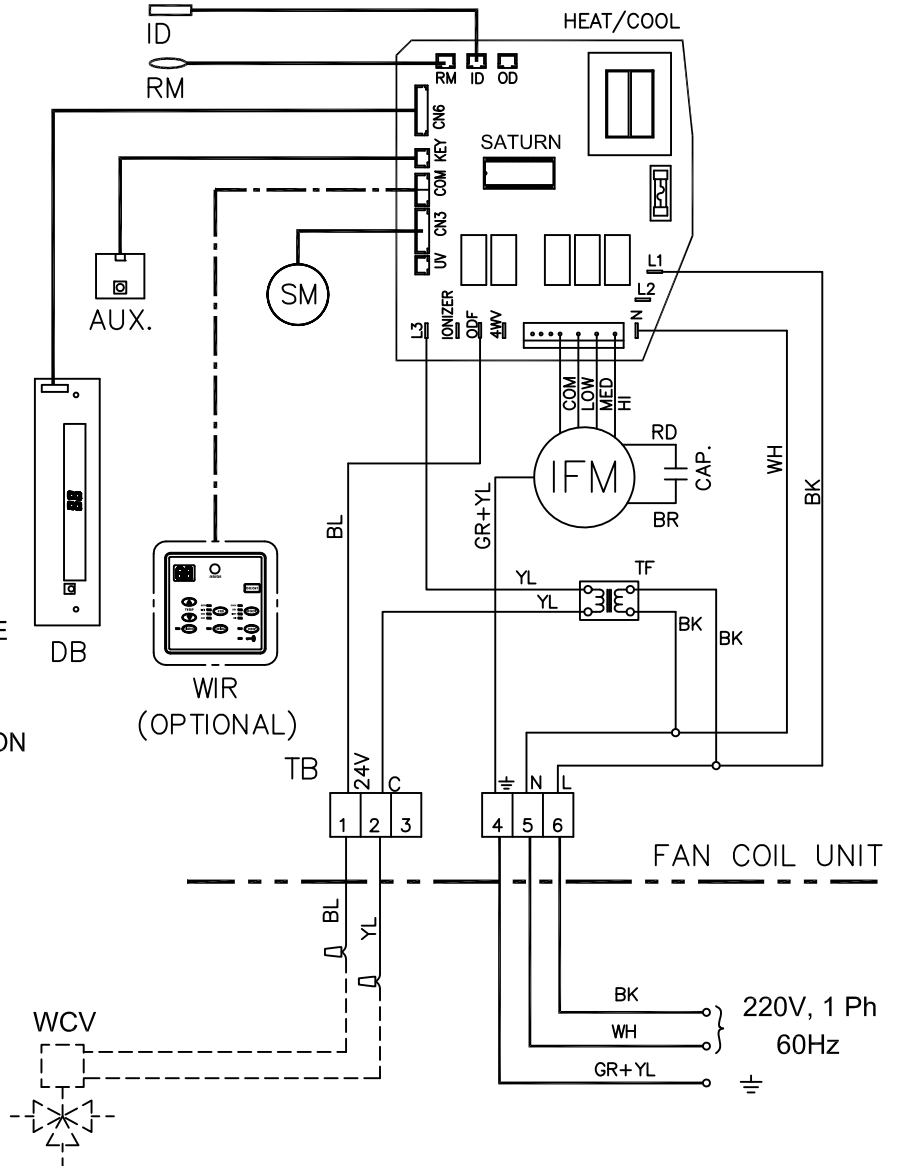
- AUX. : AUXILIARY SWITCH
- CAP. : CAPACITOR
- DB : DISPLAY BOARD
- ID : INDOOR COIL THERMISTOR
- IFM : INDOOR FAN MOTOR
- RM : ROOM SENSOR
- SM : STEP MOTOR
- TB : TERMINAL BLOCK
- TF : 24V TRANSFORMER
- WCV : WATER CONTROL VALVE
- WIR : WIRED REMOTE UNIT

TERMINAL BLOCK LEGEND

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- 2 (C) : 24V COMMON CONNECTION
- 4 (⊥) : EARTH/GROUND CONNECTION
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- 6 (L) : LIVE CONNECTION

WIRE COLOURS

- BK : BLACK
- BL : BLUE
- BR : BROWN
- GR : GREEN
- RD : RED
- WH : WHITE
- YL : YELLOW



INDOOR FAN MOTOR CON:

MODEL: FCW4160HZVLC1

IFM WIRED TO - HI(BK), MED(YL) & LOW(BL)



NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
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WIRING DIAGRAM

MODEL : FCW2160HZ1 & FCW3160HZ1

LEGEND

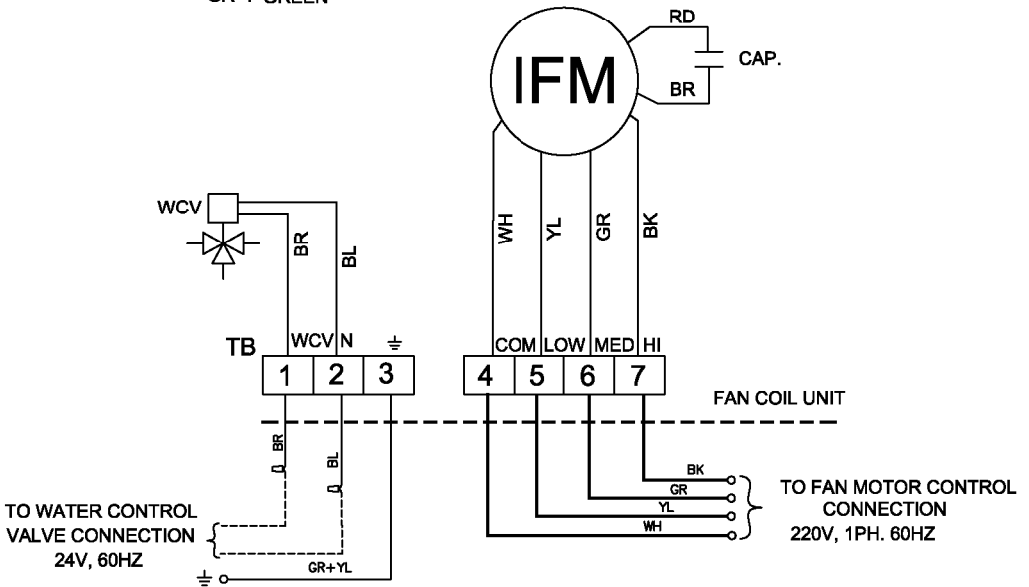
IFM : INDOOR FAN MOTOR
 TB : TERMINAL BLOCK
 CAP. : FAN CAPACITOR
 WCV : WATER CONTROL VALVE
 (3 WAY VALVE)

WIRE COLOURS

BK : BLACK RD : RED
 BL : BLUE WH : WHITE
 BR : BROWN YL : YELLOW
 GR : GREEN

TERMINAL BLOCK LEGEND

(WCV) 1 : WATER CONTROL VALVE CONNECTION
 (N) 2 : NEUTRAL CONNECTION
 (≠) 3 : EARTH/GROUND CONNECTION
 (COM) 4 : COMMON CONNECTION
 (LOW) 5 : LOW SPEED CONNECTION
 (MED) 6 : MEDIUM SPEED CONNECTION
 (HI) 7 : HIGH SPEED CONNECTION



INDOOR FAN MOTOR CON:
 MODEL: FCW2160HZ1 & FCW3160HZ1
 IFM WIRED TO – HI(BK), MED(GR) & LOW(YL)



NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
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WIRING DIAGRAM

MODEL : FCW4160HZ1

LEGEND

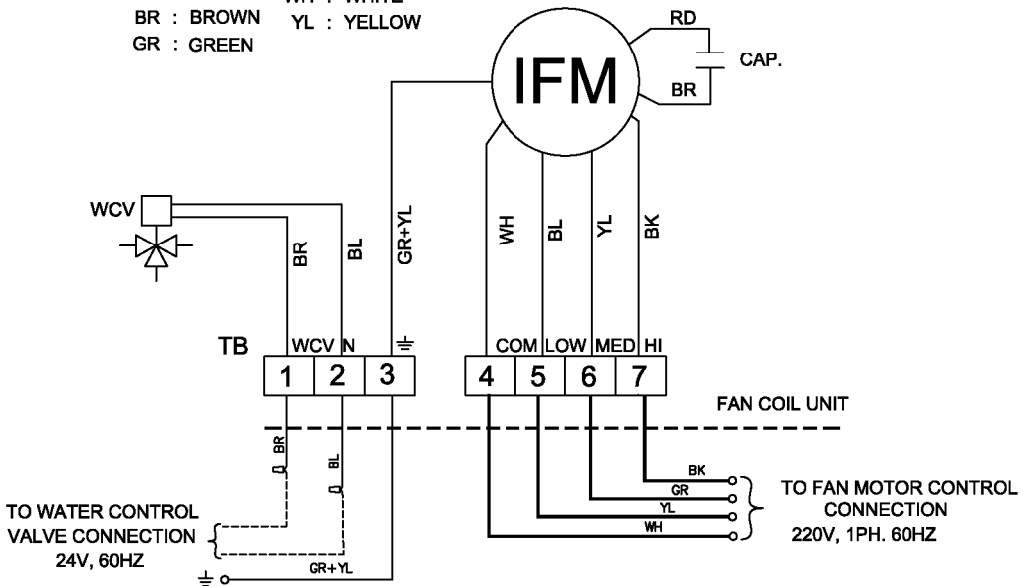
IFM : INDOOR FAN MOTOR
 TB : TERMINAL BLOCK
 CAP. : FAN CAPACITOR
 WCV : WATER CONTROL VALVE
 (3 WAY VALVE)

TERMINAL BLOCK LEGEND

(WCV) 1 : WATER CONTROL VALVE CONNECTION
 (N) 2 : NEUTRAL CONNECTION
 (≡) 3 : EARTH/GROUND CONNECTION
 (COM) 4 : COMMON CONNECTION
 (LOW) 5 : LOW SPEED CONNECTION
 (MED) 6 : MEDIUM SPEED CONNECTION
 (HI) 7 : HIGH SPEED CONNECTION

WIRE COLOURS

BK : BLACK RD : RED
 BL : BLUE WH : WHITE
 BR : BROWN YL : YELLOW
 GR : GREEN



INDOOR FAN MOTOR CON:

MODEL: FCW4160HZ1

IFM WIRED TO - HI(BK), MED(YL) & LOW(BL)



NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
3. THE UNIT SHALL BE INSTALLED ACCORDING TO NATIONAL WIRING REGULATIONS.

WIRING DIAGRAM

MODEL : FCW2160HZVL1 & FCW3160HZVL1

LEGEND

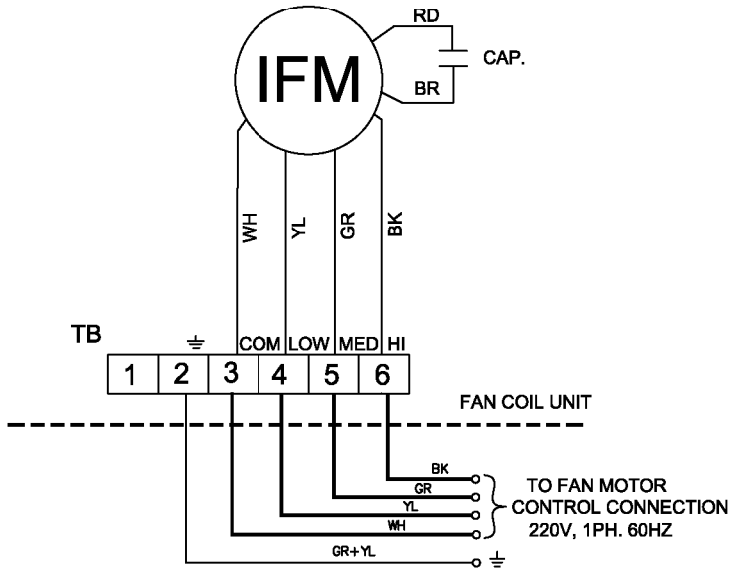
IFM : INDOOR FAN MOTOR
 TB : TERMINAL BLOCK
 CAP. : FAN CAPACITOR

TERMINAL BLOCK LEGEND

(\equiv) 2 : EARTH/GROUND CONNECTION
 (COM) 3 : COMMON CONNECTION
 (LOW) 4 : LOW SPEED CONNECTION
 (MED) 5 : MEDIUM SPEED CONNECTION
 (HI) 6 : HIGH SPEED CONNECTION

WIRE COLOURS

BK : BLACK RD : RED
 BR : BROWN WH : WHITE
 GR : GREEN YL : YELLOW



INDOOR FAN MOTOR CON:
 MODEL: FCW2160HZVL1 & FCW3160HZVL1
 IFM WIRED TO – HI(BK), MED(GR) & LOW(YL)



NOTES:

1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
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WIRING DIAGRAM

MODEL : FCW4160HZVL1

LEGEND

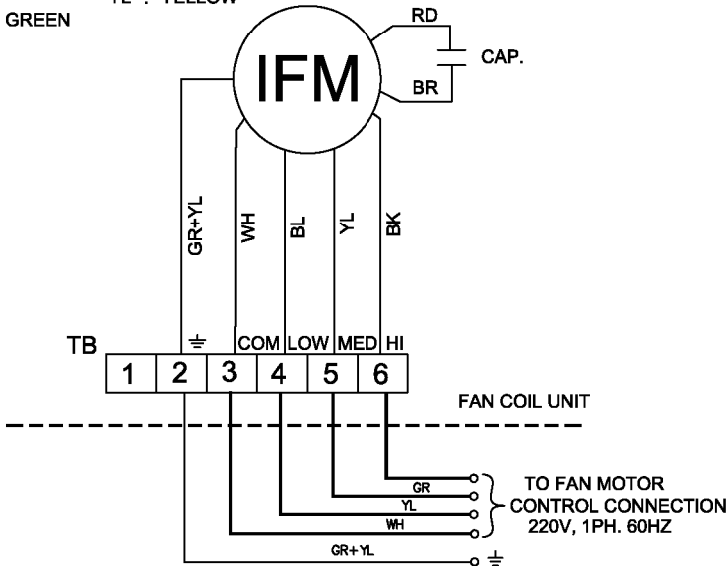
IFM : INDOOR FAN MOTOR
 TB : TERMINAL BLOCK
 CAP. : FAN CAPACITOR

TERMINAL BLOCK LEGEND

(≡) 2 : EARTH/GROUND CONNECTION
 (COM) 3 : COMMON CONNECTION
 (LOW) 4 : LOW SPEED CONNECTION
 (MED) 5 : MEDIUM SPEED CONNECTION
 (HI) 6 : HIGH SPEED CONNECTION

WIRE COLOURS

BK : BLACK RD : RED
 BL : BLUE WH : WHITE
 BR : BROWN YL : YELLOW
 GR : GREEN



INDOOR FAN MOTOR CON:

MODEL: FCW4160HZVL1

IFM WIRED TO – HI(BK), MED(YL) & LOW(BL)



NOTES:

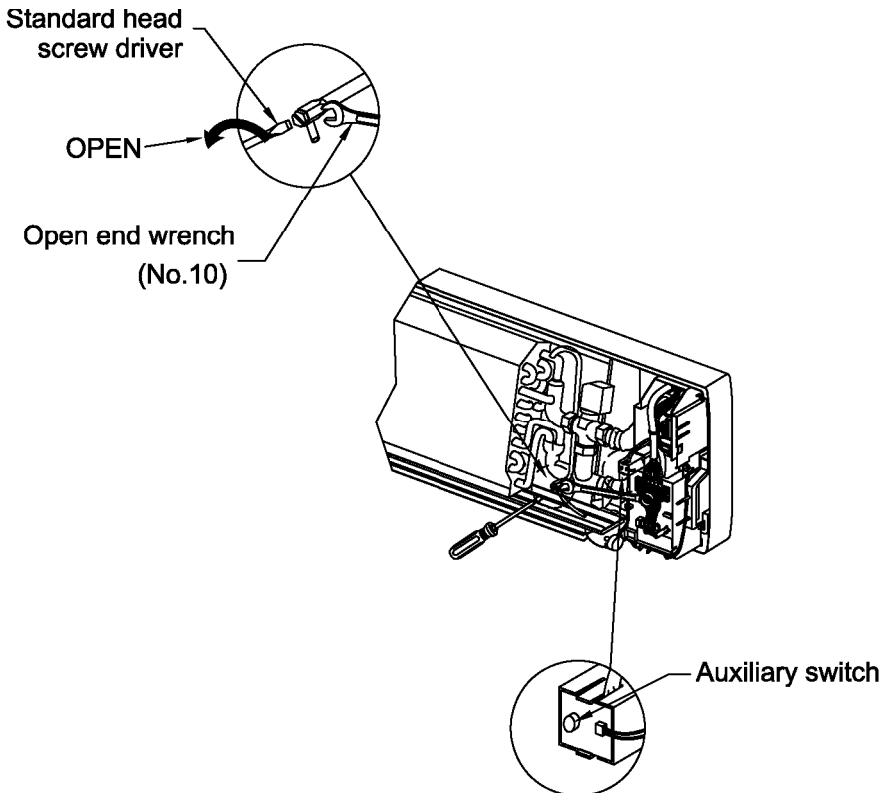
1. WIRING SHOWN IN HIDDEN LINE MUST BE FITTED BY THE INSTALLER.
2. THE FIELD WIRING CONDUCTOR OF HIGH AND LOW VOLTAGE CIRCUIT SHALL BE SEPARATELY FIXED FIRMLY BY EACH CLAMP.
3. THE UNIT SHALL BE INSTALLED ACCORDING TO NATIONAL WIRING REGULATIONS.

* *AIR PURGING*

1. After connecting the water inlet and outlet pipes to the main water supply lines, turn on the power and operate the unit by pressing the Auxiliary switch.
2. Open the water inlet valve and flood the coil.
3. Check all connection for water leak, if no leak found unloose (1 turn, counter clockwise) the purging valve by using standard head screw driver and support with an open end wrench (No.10), then purge the trap air inside the coil.

⚠ When performing this, take care not to get touch with the electrical parts.

4. Close the purging valve (Clockwise) when there is no bubbles appears.
5. Open the water outlet valve.

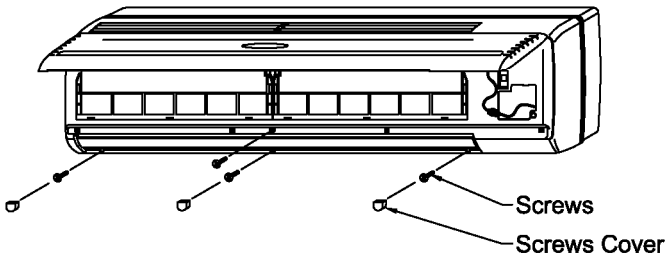


* **HOW TO INSTALL THE FRAME GRILLE ON THE FAN COIL UNIT**

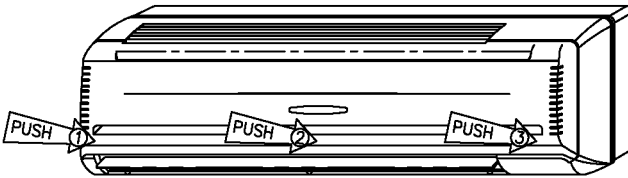
1. Install the frame grille in the opposite order of "HOW TO REMOVE THE FRAME GRILLE".
When the frame grille is removed and mounted again, take the following actions:
Before fastening the mounting screws be sure to hook the top inside lock of the frame grille.



If cooling and dry operation is made without closing the front panel properly, dew can be deposit on the front grille surface. In addition, the unit appearance will suffer if the gap between front panel and the frame grille is too wide.



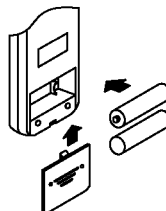
2. Re-connect the display board connection and return it to the original location, return the terminal cover by fastening it's screw.
3. Close and push the front panel into the frame grille until the "click" sound is heard



REMOTE CONTROLLER & OPERATION GUIDE

■ *PREPARATION OF THE REMOTE CONTROLLER*

- Open the battery cover by pressing slightly in the direction of arrow.
- Insert two 1.5 Volt high performance alkaline batteries (AAA), being careful not to invert the polarity.
- Close the battery cover.



■ *USE OF THE REMOTE CONTROLLER*

- Be sure that no obstructions between receiver and remote controller.
- The remote control signal can be received at the distance of up to about 7 Meters.
- Point the remote control unit transmitter towards the air conditioner receiver while the setting is being stabilise.
- To be able to carry out any operation or change of the setting from the remote control unit air conditioner must be powered.
- When a signal is receive correctly by the unit, the unit will emit a beep sound. If you do not hear the sound, press the remote control button again.

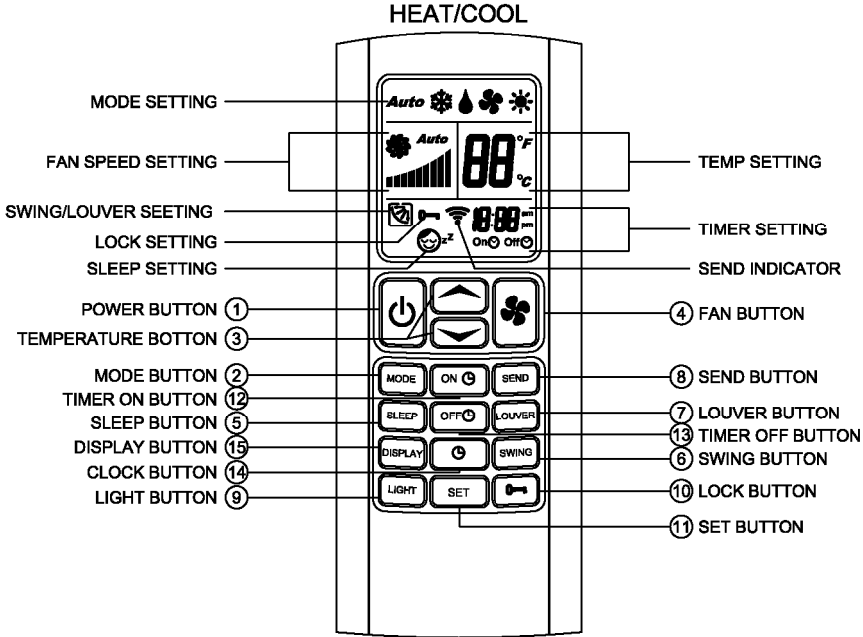
■ *IMPORTANT*

- The two command models, wired remote unit and remote control unit cannot be used at the same time on the same fan coil.
- The two batteries must be identical and must be change at the same time.
- Remove the batteries from the remote control unit if you envisage the units not being used for long periods.
- When the remote control unit only work near the fan coil, it is time to replace the batteries.
- Do not fix the remote control unit support near a source of heat or in direct sunlight. Avoid exposing the remote control unit to excessive damp or knocks (it might break, be deformed, or lose its colour).
- Do not place the remote control near electronic equipment because it could interfere with the unit's proper operation.

■ *NOTE*

- The two command models, wired remote unit and remote control unit cannot be used at the same time on the same fan coil.
- If the fan coil is off, all the previous settings made are kept in the memory except for the sleep and time setting.
- If the fan coil is turned on using the auxiliary switch, the sleep and timer settings are cancelled.

▪ DESCRIPTIONS AND FUNCTION OF REMOTE CONTROLLER



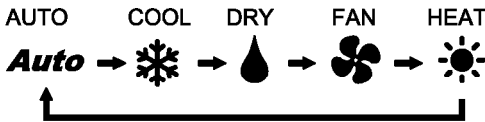
1. POWER ON/OFF

* Press POWER button will turn on the air conditioner or vice versa. When turn on, it will operate according to the setting shown on the remote unit.

2. OPERATING MODE

* By pressing the button, the air conditioner can be put in

- 5 operating mode (fan, cool, dry, heat, auto).



FAN : The Display board in the unit will show .The system will operate as FAN only. The SLEEP, TEMP and TEMP button are not used.

COOL : The Display board in the unit will show .The system will operate as the air conditioner.

DRY : The Display board in the unit will show .The system will operate as the humidifier.

HEAT : The Display board in the unit will show ☀️. The system will operate as the heat pump.

AUTO : The Display board in the unit will show ❄️ and ☀️ mode at the same time. The system will automatically switch for Cool mode or Heat mode depending on the room temperature and set temperature.

3. TEMPERATURE SETTING

* The setting temperature can be set in the range of 16-30°C by pressing TEMP ⏏️ or TEMP ⏏️ button. The LCD on the Remote unit will show the setting temperature

4. FAN

* Press FAN 🌀 button to select the fan speed (High, Medium, Low or Auto mode). The display on the Remote unit will show the status.



Note: The 🌀 button can be used only in FAN, COOL, HEAT, and AUTO mode, it can not be used in DRY mode.

5 SLEEP

* Press the **SLEEP** button, the LCD on the Remote unit will show 😴z-z symbol.

- This Sleep mode is not available under DRY, FAN and AUTO mode.
- The temperature is automatically adjusted to provide comfortable sleep.

6. SWING

* Press **SWING** button will turn on/off the sweep motor.

7. LOUVER

* Press **LOUVER** button to change the angle of louver (which is controlled by step motor).

- If the button is pressed and released, the angle of louver is change one step at a time.

8. SEND

* Press **SEND** button to re-transmit all parameters shown on the LCD to the main control board.


9. LIGHT

* Hold **LIGHT** button for 3sec to control the LCD screen light ON or OFF.

10. LOCK









* Hold **LOCK** button for 3sec to lock or unlock the other buttons, when the symbol 🔒 display on the LCD screen, the other keys were locked.

11. SET

* Press  button to save the clock, timer on and timer off setting.









12. TIMER ON

* The air conditioner can be programmed to turn on in advance.






- Press  button, the  symbol will blink,
- Press  or  button to change the real time (1 min incremental).
- Hold  or  button for 3 sec, the real time will be 10 min incremental
- Press  button, the  symbol will display on the LCD screen.






13. TIMER OFF

* The air conditioner can be programmed to turn off in advance.

- Press  button, the  symbol will blink,
- Press  or  button to change the real time (1 min incremental).
- Hold  or  button for 3 sec, the real time will be 10 min incremental
- Press  button, the  symbol will display on the LCD screen.








Remarks:

- When the  symbol display on the LCD screen, press  button,  symbol will blink, then press  button again to cancel the TIMER ON setting. The symbol  will disappear on the LCD screen.

- When the  symbol display on the LCD screen, press  button,  symbol will blink, then press  button again to cancel the TIMER OFF setting. The symbol  will disappear on the LCD screen.

14. CLOCK

* To set the clock on the Remote unit.

- Press  button, the  symbol will blink.
- Press  or  button to change the real time (1 min incremental).
- Hold  or  button for 3 sec, the real time will be 10 min incremental
- Press SET button, the  symbol will disappear on the LCD screen.
and the new real time clock will display to the LCD screen.

15. DISPLAY

* Press  button to set the display board On or Off.



* **OPERATION GUIDE**

■ **COOLING OPERATION (COOL)**



1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON 

- Press the mode key repeatedly until the "  " appears on the LCD screen.
The  symbol will lights on the display board.



3. PRESS THE TEMPERATURE BUTTON  TO REGULATE THE TEMPERATURE.

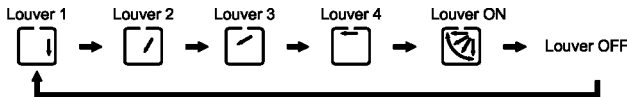
- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The display shows the set value, the temperature can be between 16°C and 30°C.

4. PRESS THE FAN BUTTON 

- When the  key is pressed repeatedly, the system will changed the the fan to auto, high, med and low speed

5. PRESS THE  BUTTON AND  BUTTON.

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.
- When the  key is pressed, the horizontal louver work like in illustration below,





■ **HEATING OPERATION (HEAT)**



1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON 

- Press the mode key repeatedly until the "  " appears on the LCD screen.
The  symbol will lights on the display board.



3. PRESS THE TEMPERATURE BUTTON  TO REGULATE THE TEMPERATURE.

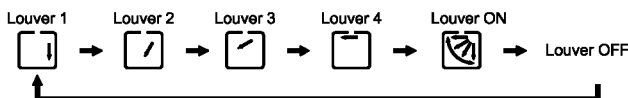
- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The display shows the set value, the temperature can be between 16°C and 30°C.

4. PRESS THE FAN BUTTON 

- When the  key is pressed repeatedly, the system will changed the the fan to auto, high, med and low speed

5. PRESS THE  BUTTON AND  BUTTON.

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.
- When the  key is pressed, the horizontal louver work like in illustration below,





■ **DEHUMIDIFICATION OPERATION (DRY)**



1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.



2. PRESS THE MODE BUTTON 

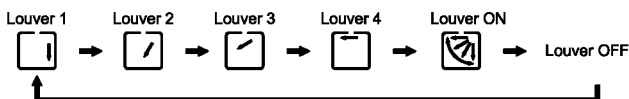
- Press the mode key repeatedly until the "  " appears on the LCD screen.
The  symbol will lights on the display board.
- The system will operate as the humidifier to reduce the humidity in the air.

3. PRESS THE TEMPERATURE BUTTON  TO REGULATE THE TEMPERATURE.

- The display shows the set value, the temperature can be between 16°C and 30°C.
- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C

4. PRESS THE  BUTTON AND  BUTTON.

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.
- When the  key is pressed, the horizontal louver work like in illustration below,





■ **VENTILATION OPERATION (FAN)**


1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.



2. PRESS THE MODE BUTTON 

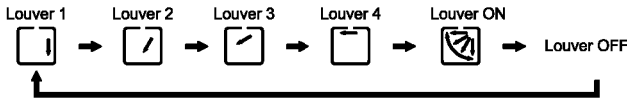
- Press the mode key repeatedly until the "  " appears on the LCD screen.
The  symbol will lights on the display board.

3. PRESS THE FAN BUTTON 

- When the  key is pressed repeatedly, the system will changed the fan to low, med and high speed.

4. PRESS THE  BUTTON AND  BUTTON.

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.
- When the  key is pressed, the horizontal louver work like in illustration below,



* FUNCTIONING IN JUST VENTILATION MODE

This program is used to move the room air and avoid stagnation.

■ *SLEEP OPERATION (SLEEP)*



1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.



2. PRESS THE MODE BUTTON 

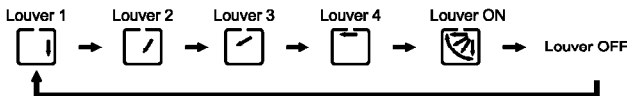
- Press the mode key to select you desire setting.

3. PRESS THE TEMPERATURE BUTTON   TO REGULATE THE TEMPERATURE.



- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The display shows the set value, the temperature can be between 16°C and 30°C.

4. PRESS THE  BUTTON AND  BUTTON.

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.
- When the  key is pressed, the horizontal louver work like in illustration below,

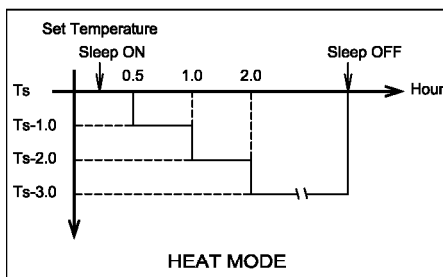
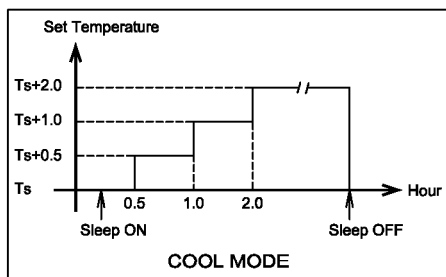


5. PRESS THE SLEEP BUTTON

- Press  button to start the sleep fuction. The display will show  symbol
The setting temperature will be automatically raised by 1°C after one hour.

For COOL mode, the setting temperature will be automatically raised up 1°C after 1 hour.

For HEAT mode, the setting temperature will be automatically decreased by 1°C after 1 hour.



- * When the system is put in the sleep mode, and the \blacktriangle or \blacktriangledown button is pressed, it will raised up the setting temperature 1°C from the last setting.
- * Press the **SLEEP** button again to cancel the sleep function.
- * Power failure, turning "OFF" and changing mode of the unit will cancel the sleep function.

■ AUTO START PROGRAM BY TIMER

- This function can program the air conditioner to turn "ON" in advance.

- Press **ON** button, the **On** symbol will blink,
- Press \blacktriangle or \blacktriangledown button to change the real time (1 min incremental).
- Hold \blacktriangle or \blacktriangledown button for 3 sec, the real time will be 10 min incremental
- Press **SET** button, the **On** symbol will display on the LCD screen.

- If this function is activated, unit will start automatically everytime it reach the time setting

- This function will disable only when the **On** symbol display on the LCD screen, press **ON** button, **On** symbol will blink, then press **ON** button again to cancel the TIMER ON setting. The symbol **On** will disappear on the LCD screen.

■ AUTO STOP PROGRAM BY TIMER

- This function can program the air conditioner to turn "OFF" in advance.

- Press **OFF** button, the **OFF** symbol will blink,
- Press \blacktriangle or \blacktriangledown button to change the real time (1 min incremental).
- Hold \blacktriangle or \blacktriangledown button for 3 sec, the real time will be 10 min incremental
- Press **SET** button, the **OFF** symbol will display on the LCD screen.

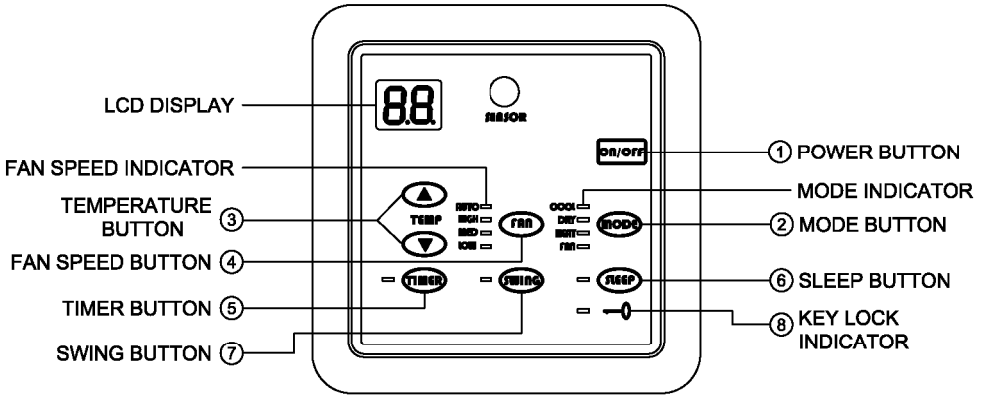
- If this function is activated, unit will stop automatically everytime it reach the time setting.

- This function will disable only when the **OFF** symbol display on the LCD screen, press **OFF** button, **OFF** symbol will blink, then press **OFF** button again to cancel the TIMER OFF setting. The symbol **OFF** will disappear on the LCD screen.

WIRED CONTROLLER & OPERATION GUIDE

▪ DESCRIPTIONS AND FUNCTION OF WIRED CONTROLLER

HEAT/COOL



1. POWER ON/OFF

* Press POWER **ON/OFF** button will turn on the air conditioner or vice versa. When turn on, it will operate according to the setting shown on the wired remote unit.

2. OPERATING MODE

- * By pressing the **MODE** button, the air conditioner can be put in
- 5 operating mode (fan, cool, dry, heat, auto) if the heat/cool version is ordered.



FAN : The FAN LED will light up on the wired remote unit .The system will operate as FAN only. The **SLEEP** , **TEMP** **▲** and **TEMP** **▼** button are not used.



COOL : The COOL LED will be light up on the wired remote unit.The system will operate as the air conditioner.

DRY : The DRY LED will light up on the wired remote unit .The system will operate as the humidifier.


HEAT : The HEAT LED will light up on the wired remote unit. The system will operate as the heat pump.

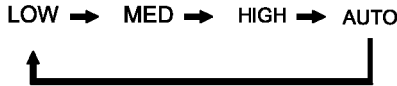
AUTO : The wired remote unit will show COOL and HEAT LED at the same time. The system will automatically switch for Cool mode or Heat mode depending on the room temperature and set temperature.


3. TEMPERATURE SETTING

- * The setting temperature can be set in the range of 16-30°C by pressing TEMP  or TEMP  button. The LCD display will blink the new setting for 4 seconds and resume to the room temperature display.






4. FAN

- * Press  button to select the fan speed (High, Medium, Low or Auto mode). The LED on the wired remote unit will lit up the set speed.




Note: The  button can be used only in FAN, COOL, HEAT, and AUTO mode, it can not be used in DRY mode.


5. TIMER

- * The timer setting can be set in the range of 1 HR- 24HR.
- Press the  button, the TIMER LED on the wired remote unit will blink.
- Press  button to increase the timer setting by 1 HR.
- Press  button to decrease the timer setting by 1 HR.
- Press  button again to confirm the timer setting and the TIMER LED will stop blinking.
- Press and hold on  button for 3 seconds to cancel the timer setting.




6. SLEEP

- * Press the  button, the SLEEP LED will lit up on the wired remote unit.
- This Sleep mode is not available under DRY, FAN and AUTO mode.
- The temperature is automatically adjusted to provide comfortable sleep.

7. SWING

- * Press  button will turn on/off the sweep motor. The SWING LED will light up on the wired remote unit.

8. KEY LOCK

- * Hold down the  and  buttons for 3 seconds to activate the key lock function. The  LED will light up on the wired remote unit.



* **OPERATION GUIDE**■ **COOLING OPERATION (COOL)**1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON 

- Press the mode key repeatedly until the COOL LED light up on the wired remote unit.
The  symbol will lights on the display board.


3. PRESS THE TEMPERATURE BUTTON  TO REGULATE THE TEMPERATURE.

- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The LCD display shows the set value for 4 seconds, the temperature can be between 16°C and 30°C.

4. PRESS THE FAN BUTTON 

- When the  key is pressed repeatedly, the system will changed the fan to auto, high, med and low speed.

5. PRESS THE SWING BUTTON 

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.



■ **HEATING OPERATION (HEAT)**1. PRESS THE ON/OFF BUTTON 

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON 

- Press the mode key repeatedly until the HEAT LED light up on the wired remote unit.
The  symbol will lights on the display board.


3. PRESS THE TEMPERATURE BUTTON  TO REGULATE THE TEMPERATURE.

- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The LCD display shows the set value for 4 seconds, the temperature can be between 16°C and 30°C.

4. PRESS THE FAN BUTTON 

- When the  key is pressed repeatedly, the system will changed the fan to auto, high, med and low speed.

5. PRESS THE SWING BUTTON


- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.

■ DEHUMIDIFICATION OPERATION (DRY)



1. PRESS THE ON/OFF BUTTON

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON

- Press the mode key repeatedly until the DRY LED light up on the wired remote unit. The  symbol will lights on the display board.
- The system will operate as the humidifier to reduce the humidity in the air.

3. PRESS THE TEMPERATURE BUTTON TO REGULATE THE TEMPERATURE.

- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The LCD display shows the set value for 4 seconds, the temperature can be between 16°C and 30°C.

4. PRESS THE SWING BUTTON

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.

■ VENTILATION OPERATION (FAN)


1. PRESS THE ON/OFF BUTTON

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON

- Press the mode key repeatedly until the FAN LED light up on the wired remote unit. The  symbol will lights on the display board.

3. PRESS THE FAN BUTTON

- When the  key is pressed repeatedly, the system will changed the the fan to Low, Med and High speed.

4. PRESS THE SWING BUTTON

- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.

* FUNCTIONING IN JUST VENTILATION MODE

This program is used to move the room air and avoid stagnation.

■ SLEEP OPERATION (SLEEP)



1. PRESS THE ON/OFF BUTTON

- The air conditioner turned ON with the last setting.


2. PRESS THE MODE BUTTON

- Press the mode key to select you desire setting.


3. PRESS THE TEMPERATURE BUTTON TO REGULATE THE TEMPERATURE.

- The key with the symbols  allows increases of 1°C
- The key with the symbols  allows decreases of 1°C
- The LCD display shows the set value for 4 seconds, the temperature can be between 16°C and 30°C.

4. PRESS THE SWING BUTTON

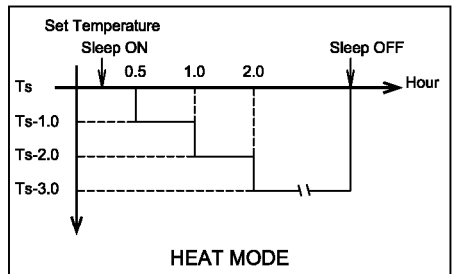
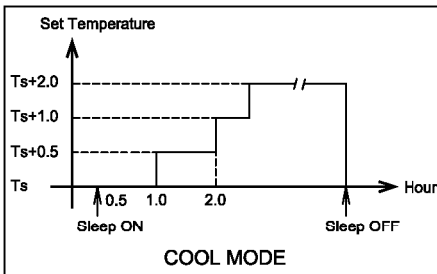
- When the  key is pressed, the horizontal louver is oriented continuously oscillating movements. Press again to stop.




5. PRESS THE SLEEP BUTTON

- Press  button to start the sleep function. The SLEEP LED will light up on the wired remote unit. The setting temperature will be automatically raised by 1°C after one hour.

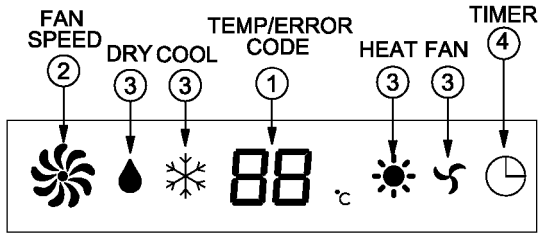
For COOL mode, the setting temperature will be automatically raised up 1°C after 1 hour.

For HEAT mode, the setting temperature will be automatically decreased by 1°C after 1 hour.



- * When the system is put in the sleep mode, and the  or  button is pressed, it will raised up the setting temperature 1°C from the last setting.
- * Press the  button again to cancel the sleep function.
- * Power failure, turning "OFF" and changing mode of the unit will cancel the sleep function.

SELF DIAGNOSTIC



DISPLAY BOARD ON THE UNIT

1. TEMP/ERROR CODE

Normally shows the room temperature when the air-conditioner is turned on.

- If the setting temperature is changed it will blink the new setting in °C for 5 seconds
- If room sensor error is active, E1 will blink.
- If Indoor sensor error is active, E2 will blink.

2. FAN SPEED

Shows the real working speed of the blower (not the setting speed).

3. DRY, COOL, HEAT and FAN

Normally shows the working mode of operation.

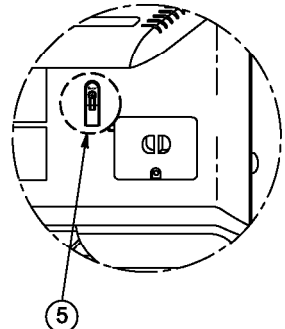
4. TIMER

Shows the status of the auto start and auto stop.

5. EMERGENCY/AUXILIARY SWITCH

The emergency/auxiliary switch can be used to activate the fan coil.

- First press: Cooling with set temperature 25°C, automatic ventilation and swinging fin.
- Second press: Heating with temperature 22°C, automatic ventilation and swinging fin.
- Third press: Fan coil turn off.



EMERGENCY/AUXILIARY SWITCH

START-UP NOTICE

1. Be sure that there is no obstruction in the air outlet and intake vents.
2. Check if the filter is installed.
3. Check if the the power supply is connected.
4. Check if the ground wire is properly connected.

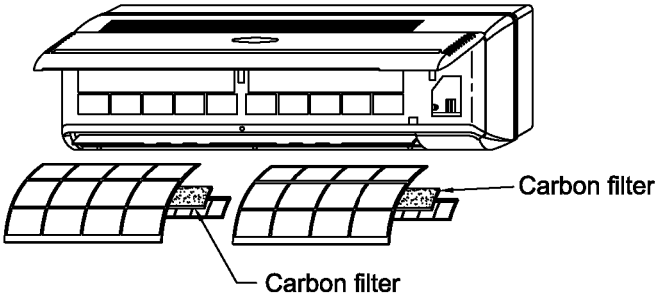


OPTIONAL FILTERS:

- CARBON FILTER
- ELECTROSTATIC FILTER



The FILTER PLASTIC BAG must remove before operation. Failing to do so, poor air circulation may observe which lead to insufficient cooling.



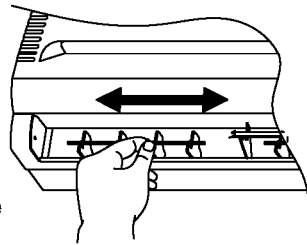
ADJUSTING AIR FLOW DIRECTION

- The horizontal louver and air deflectors on the air delivery can arranged in two directions:

- * Air deflectors to be oriented manually.
- * Horizontal louver, can be oriented only by means of the remote controller.

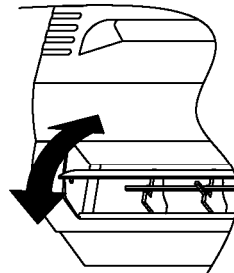
ORIENT THE AIR DEFLECTOR:

- Turn the air deflector as indicated in the figure
- Both in Heating and Cooling mode it is advisable for the air flow not to hit people directly.



MOTORIZED HORIZONTAL LOUVER:

- Never orient the motorized horizontal louver manually. Any manual operation on the louver may cause damage in the system and cause malfunctioning.
- Adjust the horizontal louver using only the remote controller.



MAINTENANCE & CARE

WARNING

- * **Disconnect and lock off the power before making any repair or any services.**
- * **Sharp edges and coil surfaces are a potential injury hazard avoid contact with them.**

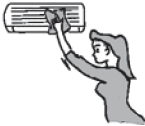
■ **MAINTENANCE**

- If you plan to idle the unit for a long time, performed the following:
 1. Operate the fan motor to dry off the unit.
 2. Stop the air conditioner and disconnect power.
 3. Remove the batteries from the remote controller.

■ **CHECK BEFORE OPERATION**

1. Check the wiring if is not broken off or disconnected.
2. Check the air filter if is installed and the air outlet is not blocked.

■ **CLEANING THE FAN COIL UNIT**

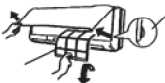


1. External cleaning weekly, to be done with a dry cloth soaked with fresh water and mild soap, avoid using any other type of detergent.
2. The Frame grille with deco panel can be removed, clean it with warm water not over 40°C and wipe with dry cloth.
3. Do not use a chemically treated cloth or duster to clean the unit.
4. Do not use benzene, thinner, polishing chemical or similar solvents for cleaning. These may cause the plastic surface to crack or deform.



■ **CLEANING AIR FILTERS**

- * Dirty and clogged filters reduce the cooling efficiency of the unit, it is recommended to clean the filters once every 2 weeks or weekly.



1. Open the deco panel by grasping the rounded groove and pulling it towards you.
2. Hold the tabs of air filter and raise it slightly, then pull it downwards.
3. Clean the air filters with vacuum cleaner or wash it with water then dry it up in the cool place.
4. Do not use benzene, thinner, polishing chemical or similar solvents for cleaning. These may cause the plastic surface to crack or deform.
5. Install the air filter vice versa of dismantling procedure. The correct filter side shown the "FRONT" letter towards you.

OPERATION TIPS

- The following events may occur during normal operation.



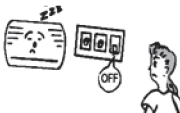


A PECULIAR SMELL COMING FROM THE UNIT.
Odors present in the room, such as those from the carpet, furniture or smoke maybe emitted from the unit.



HISSING SOUND HEAR DURING OPERATION.
A soft, swishing noise can be heard during operation or immediately after the unit is turned ON or OFF. This is the sound of circulating cooling media.

TROUBLE SHOOTING GUIDE

- If the unit appears to be malfunctioning, check the following points before calling for service.

PROBLEM	PROBLEM CAUSE	REMEDY
<p>1. Air conditioner doesn't operate at all</p> 	<ol style="list-style-type: none"> 1. Is the power been shut down or power failure? 2. Is the wiring connection loose? 3. Is the power leakage protection in operation? 4. Is Fuse blown or Circuit breaker open? 	<ol style="list-style-type: none"> 1. Wait for power resume. 2. Tighten the connection. 3. Reset the power leakage protection. 4. Replace fuse or reset the circuit breaker.
<p>2. Insufficient Cooling or Heating.</p> 	<ol style="list-style-type: none"> 1. Is the set temperature is suitable? 2. Is air inlet or outlet obstructed? 3. Are filters are dirty? 4. Is there any other heat source in the room? 5. Is there a large number of people in the room? 	<ol style="list-style-type: none"> 1. Reset in suitable set temperature. 2. Remove objects that obstruct the air inlet and outlet. 3. Clean filters and other part.
<p>3. Wireless remote controller is not functioning.</p> 	<ol style="list-style-type: none"> 1. Is the remote control unit out of effective distance to the indoor unit? 2. Are there any obstruction between the remote controller and signal receptor? 3. Is the battery dryout? 	<ol style="list-style-type: none"> 1. Use the remote controller in sufficient distance. 2. Remove or clean the obstruction. 3. Replace with new batteries.

- Problems that needs qualified personnel assistance.

PROBLEM	PROBLEM CAUSE	REMEDY
1. Air conditioner doesn't run.	1. Faulty circuit breaker and fan motor capacitor. 2. Control board not functioning. 3. Terminal loose.	1. Replace faulty components. 2. Check the cause of malfunctioning and replace control board if necessary. 3. Check and retighten.
2. E1 blinking	1. Room Sensor error is activated.	1. Check room sensor for loose connection and replace defective sensors if necessary.
3. E2 blinking	1. Freeze Sensor error is activated.	1. Check freeze sensor for loose connection and replace defective sensors if necessary.

IMPORTANT INFORMATION

⚠ WARNING

- **The Unit is connected to the power supply. Operations performed by persons without the required technical skills can lead to personal injury to the operator or damage to the unit and surrounding objects.**

MALFUNCTIONING

- In the case of malfunctioning turn off the power of unit and repower it, then start up the unit again. If the problems occur again, call services personnel promptly.



Air conditioner must be operated comply with the Power, Amps and Hz noted in the unit name plate. Failing to do so, it may cause permanents damage to the unit.



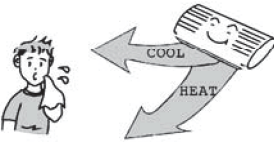
The ground must be connected. Do not connect the ground wire to water pipes, gas pipes, lighting rods, and telephone ground wire.



Select the most appropriate temperature to provide maximum comfort in room. Keep the room cooler than outside about 5°C. Careful choice of the room temperature will lead to energy savings.



Do not leave windows and doors open while operating the air conditioner. During operation always leave the filters on the unit otherwise the dust in the air could soil the surface of the evaporator coil.



The air direction can be adjusted appropriately. The air coming out of the unit must not strike people directly it could cause cold sensation and resulting discomfort. Adjust the air deflector by hands and use the remote control to adjust the horizontal louver.



Do not put anything in the air inlets or outlet slot. this could cause injury to the people and damage to the fan. Splashing water on the air conditioner can cause an electrical shock and malfunction on the unit.

Due to continuous research and developments, the specification may change without prior notice.

I dati tecnici riportati nella presente documentazione non sono impegnativi.

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