

DAEWOO

OWNER'S MANUAL

MODEL #:

DMB-3003LH



S1

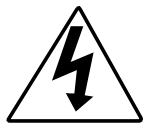
SAFETY INSTRUCTIONS

PLEASE READ THE FOLLOWING SAFETY INSTRUCTIONS BEFORE INSTALLING AND OPERATING THE UNIT:

This air conditioner meets strict safety and operating standards. The installer of this unit must install or service this unit so it operates safely and efficiently.

IMPORTANT NOTES

- Adhere to all safety instructions and warnings throughout this manual.
- Read this manual carefully before installing or operating this unit to become familiar with its features and obtain the performance that will bring you continued enjoyment for many years.
- Follow each installation or repair step exactly as shown in the manual.
- Observe all local, state and national electric codes. Contact your local government for more information on electrical codes.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Contact Installer if Necessary:

The installation instructions are for an experienced installer. If you are not an experienced installer, contact a local installer for help. If you require help with service, contact your certified dealer or Daewoo Electronics for additional instructions.

If Unit is Installed Improperly:

The manufacturer shall in no way be responsible for improper installation or maintenance service, including failure to follow the instructions in this manual.

WARNING:

- ELECTRICAL SHOCK CAN CAUSE SEVERE PERSONAL INJURY OR DEATH. ONLY A QUALIFIED, EXPERIENCED ELECTRICIAN/INSTALLER SHOULD ATTEMPT TO WIRE THIS SYSTEM.
- THE APPLIANCE IS NOT INTENDED FOR USE BY CHILDREN OR INFIRM PERSONS WITHOUT SUPERVISION.
- YOUNG CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT DO NOT PLAY WITH THE APPLIANCE

Precautions When Wiring:

- Do not plug in the unit until all connections (tubing, drain hose, mounting, etc.) have been made and double-checked.
- High voltages are present in this unit and are very dangerous. Please refer to these instructions and diagrams when wiring. Improper connections or inadequate grounding can cause accidental injury.
- This unit must be grounded in accordance with local electrical codes.
- Connect wires and pipes securely and tightly as loose connections/wiring may cause overheating at connections and a possible fire hazard.

Precautions When Transporting:

- When transporting the unit, be very careful and get help as the units are very heavy. Be careful of sharp edges on the units also.

Precautions When Installing:

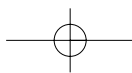
- **When installing in a ceiling or wall**, make sure the ceiling/wall is strong enough to hold the unit's weight. A frame may be necessary for added support.
- **When installing in a room**, make sure the tubes are well insulated to protect the walls and furniture from sweating of the tubes.
- **When installing in moist or uneven locations**, make sure to use a raised level concrete pad or concrete blocks to provide a level, solid foundation for the outdoor unit; this prevents water damage and vibration.
- **When installing in an area of high winds**, make sure to securely anchor the outdoor unit down with bolts and a metal frame.

When Connecting Refrigerant Tubing:

- Keep all tubing as short as possible.
- Use the flare method for connecting tubing.
- Apply refrigerant lubricant to the matching surfaces of the flare and union tubes before connecting them, then tighten, making sure not to overtighten.
- Check the tubes carefully for leaks before starting the test run.

When Servicing:

- Make sure the power is off and the unit is unplugged before opening the unit to troubleshoot or repair electrical parts and wiring.
- Keep your fingers and clothing away from any moving parts.
- Clean up the sight after you finish, making sure no metal scraps and wiring are left in the unit.
- The Air conditioner shall be installed in accordance with the national wiring regulation.
- The equipment fulfills the requirements in EN 61 000-3-11 and is subject to conditional connection to the mains.
- It may be connected in consultation with the supply authority.
- The equipment may only be connected to a mains supply with a system impedance of less than 0.3 ohm.
- The system impedance in the interface point may be obtained from the supply authority.
- If the mains supply has a higher system impedance, short voltage dips may appear when the equipment is started or during operation.
- This may influence or disturb the operation of other apparatuses, e.g. flickering lamps, especially those connected to the same supply mains.



ROOM AIR CONDITIONER INSTRUCTION

Remark per EMC Directive 89/336/EEC

To prevent flicker impressions during the start of the compressor (technical process) following installation conditions do apply.

1. The power connection for the air conditioner has to be done at the main power distribution. This distribution has to be of a low impedance. Normally the required impedance is reached at a 32A fusing point. Air conditioner fuse has to be 16A max!
2. No other equipment has to be connected to this power line.
3. For detailed installation acceptance please refer to your contract with the power supplier.
If restrictions do apply for products like washing machines, air conditioners or electrical ovens.
4. For power details of the air conditioner refer to the rating plate of the product.

CONSIGNES D'INSTALLATION RACCORDEMENT ELECTRIQUE

Remarques relatives à la Directive EMC 89/336/CEE

Pour éviter les phénomènes de scintillements (variation de lumière) et les parasites lors du démarrage du compresseur, respecter les consignes d'installation décrites dans le mode d'emploi.

1. Le raccordement au secteur doit être fait à l'aide d'un câble de section suffisante pour éviter tout échauffement de celui-ci et les chutes de tension (section recommandée 3x4mm²)
Cette ligne doit être protégée par un fusible ou disjoncteur de 16A
2. Aucun autre appareil ne doit être connecté sur cette ligne.
3. En cas de doute ou de difficulté contactez votre agence EDF. Vérifiez qu'il n'existe pas de contraintes particulières pour l'installation et l'utilisation de ce climatiseur.
4. Pour les caractéristiques de l'appareil référez vous à sa plaque signalétique.

ISTRUCCIONES DE INSTALACION DEL AIRE ACONDICIONADO

Comentario de la Directiva 89/336 EEC de la EMC.

Para prevenir la sensación de golpeteo al arrancar el compresor (proceso técnico) debe aplicar las siguientes instrucciones de instalación

1. La conexión del aire acondicionado a la corriente eléctrica tiene que ser hecha a la distribución principal de energía. Esta distribución tiene que ser de baja impedancia. Normalmente, la impedancia requerida se alcanza en el punto de fusión de 32A. El fusible del aire acondicionado tiene que ser de 16A máximo.
2. Ningún otro equipo debe ser conectado a esta línea eléctrica.
3. Para normas detalladas de instalación por favor consulte el contrato con su suministrador eléctrico, si tiene que aplicar restricciones para productos como lavadoras, aire acondicionado u hornos eléctricos.
4. Para detalles sobre la alimentación eléctrica del aire acondicionado consulte la placa de datos del aparato.

ANWEISUNGEN ZUR INSTALLATION DER RAUM-KLIMAAANLAGE

Hinweis entsprechend EMV-Direktive 89/336/EEC

Um einen "Flicker-Effekt" beim Anlauf des Kompressors (kurzzeitiger Spannungseinbruch, technischer Vorgang) zu vermeiden, muß für folgende Installationsbedingungen gesorgt sein. (siehe auch "Anweisungen zur Installation.")

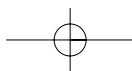
1. Der Stromanschluß für die Klimaanlage muß am Hauptverteiler vorgenommen werden. Die Abzweigung muß mit niedriger Impedanz ausgeführt werden. Normalerweise ist die erforderliche niedrige Impedanz bei einem Sicherungsanschlußpunkt von 32A erreicht.
2. An die gleiche Netzleitung dürfen keine anderen Geräte angeschlossen sein.
3. Seitens der lokalen Energieversorgungsunternehmen bestehen möglicherweise Einschränkungen für Produkte wie Waschmaschinen, Klimaanlage, elektrische Öfen, etc. Für Einzelheiten zur Installation sehen Sie in Ihren Vertrag mit dem Energieversorgungsunternehmen.
4. Einzelheiten über die elektrischen Daten der Klimaanlage ersehen Sie auf dem Typenschild des Gerätes.

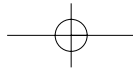
ISTRUZIONI PER L'INSTALLAZIONE DEL CONDIZIONATORE D'ARIA PER STANZE

NOTA DELLA DIRETTIVA EMC 89/336 EEC

Allo scopo di prevenire l'effetto di FLICKER (variazione della luce) alla partenza del compressore, durante l'installazione seguire i punti sottoelencati.

1. Il collegamento dell'alimentazione, del condizionatore, deve essere fatto con una linea preferenziale direttamente al quadro principale o contatore, e deve essere a bassa impedenza.
Normalmente questa impedenza la si ottiene al punto di fusione di 32 A ; per il condizionatore usare un fusibile da 16 A max.
2. Nessun altro apparecchio elettrico dovrà essere collegato alla stessa linea di alimentazione.
3. Per maggiori dettagli circa l'accettazione dell'installazione del condizionatore, fare riferimento al contratto con l'Ente erogatore dell'Energia Elettrica e verificare che non ci siano restrizioni in atto all'installazione di prodotti elettrici ad alto consumo.
4. Per le informazioni relative ai dati di alimentazione del condizionatore, fare riferimento all'etichetta posta sul prodotto.

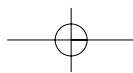




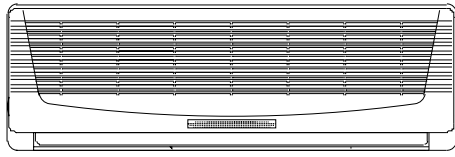
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It is recommended that you read the Installation and Operating instructions fully before installing and/or operating this unit.

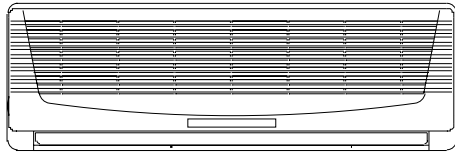
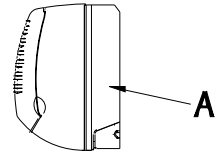
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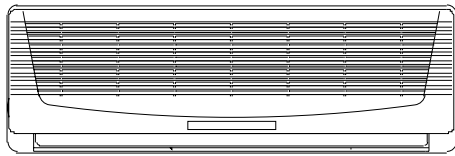
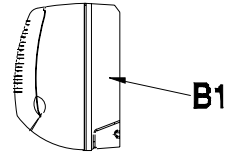
CONFIGURATION



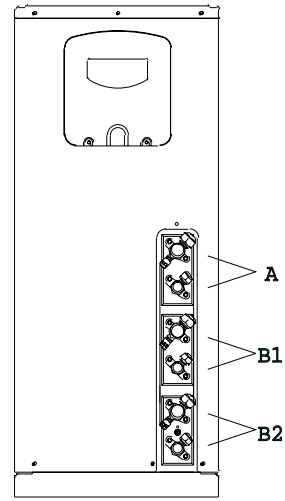
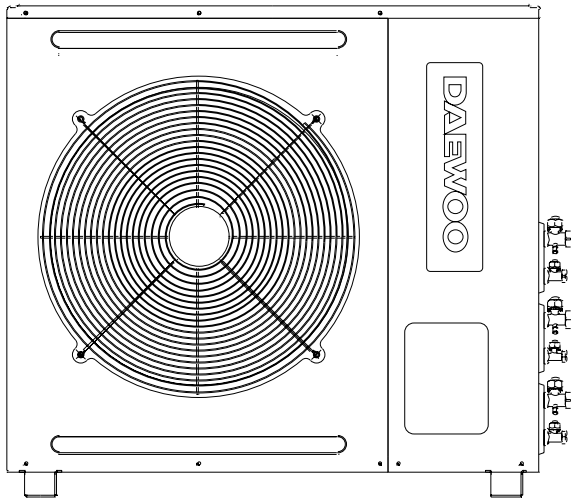
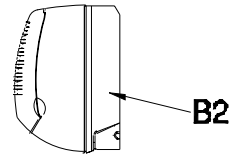
Unit A



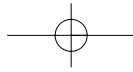
Unit B1



Unit B2

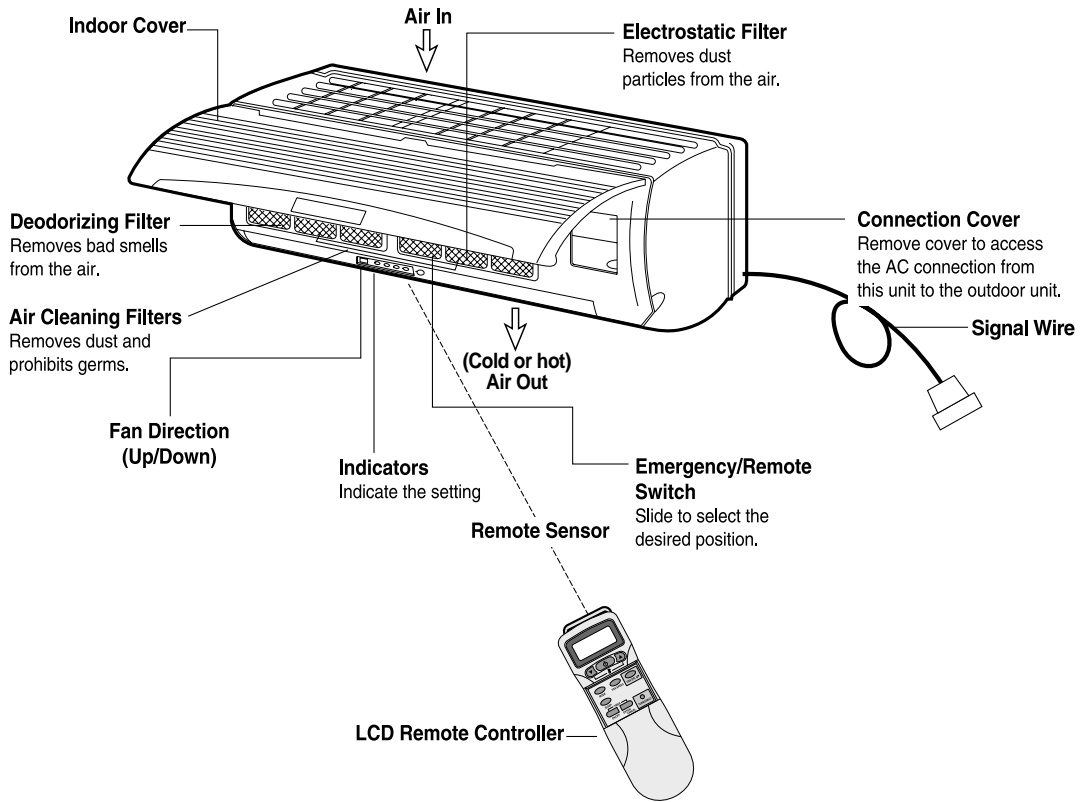


Indoor Unit	Capacity			
	Cooling (W)		Heating (W)	
A	3220		3500	
B1	Min	2560	Min	2490
	Max	3370	Max	3520
B2	Min	2560	Min	2490
	Max	3370	Max	3520

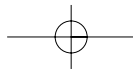
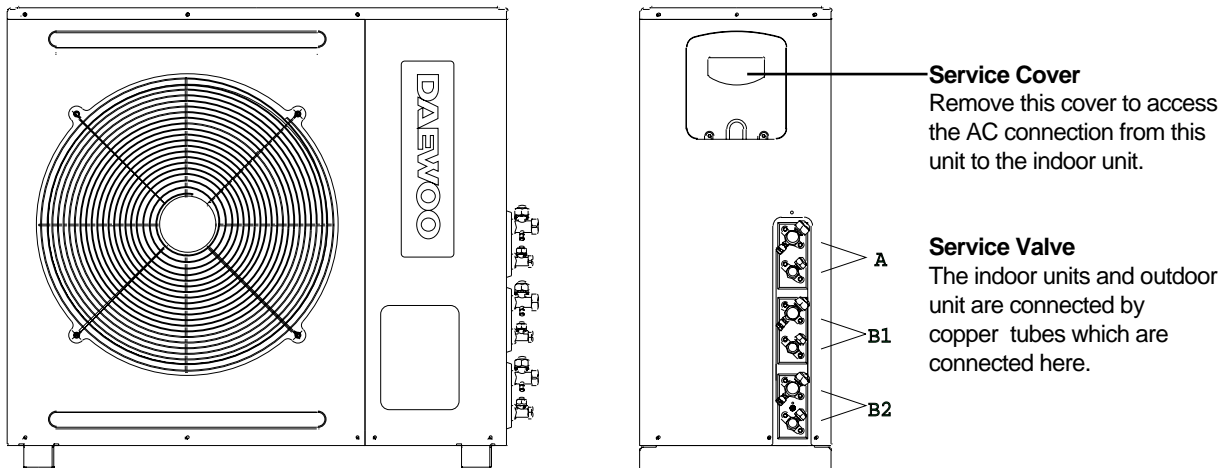


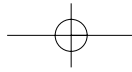
LOCATION OF CONTROLS

INDOOR UNIT

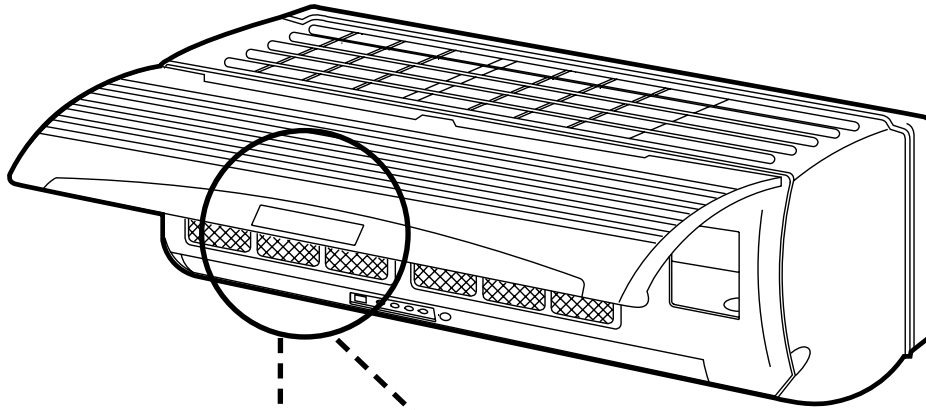


OUTDOOR UNIT





INDOOR UNIT DISPLAY



Indoor Unit Display

■ Remote Control Signal Receiver

This place is the part to receive the signal if it receives the signal, you can hear the signal "beep".



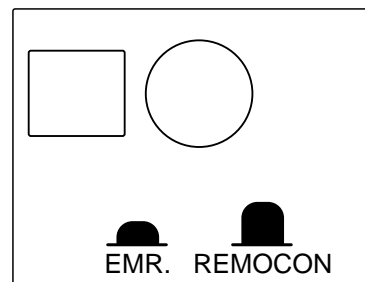
ON (Red)
Lights-on during the operation

Air clean (Green)
Lights-on during the operation

Timer (Yellow)
Lights-on during the time of reservation mode.

Quick (Red)
Lights-on during the time of Quick Mode.

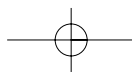
Switch Panel



■ **When the remote controller is lost or out-of-order, push the emergency button (EMR.) to operate by hand.**

Open the front panel on emergency operating.

Remocon switch is usually used with remote controller.



REMOTE CONTROLLER

DMB-3003LH

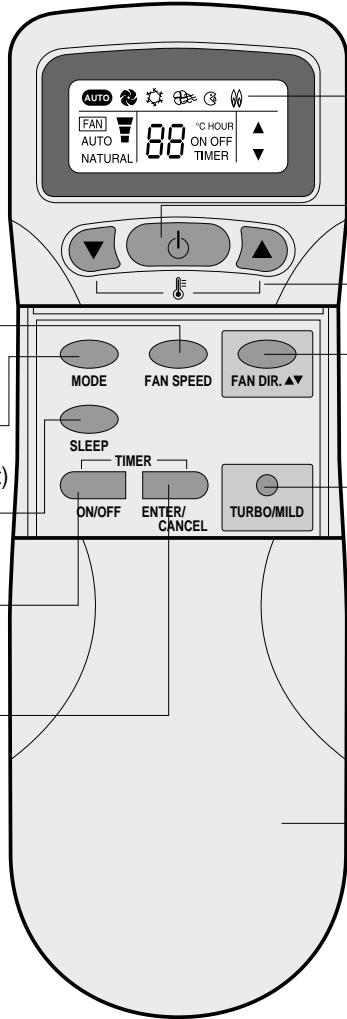
FAN SPEED Button
Press to select the fan speed (High " ▾ ", Middle " ▮ ", Low " ▸ ").

MODE Button
Press to cycle through the modes (Auto/Quick/Cool/Fan/Dehumidifier/Heat)

SLEEP Button
Press to set the unit for the sleep mode.

TIMER ON/OFF Button
Press to set the unit off or on time. (0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12, 16, 20, 24hr)

TIMER ENTER/CANCEL Button
Press to enter a timer setting or to cancel timer setting



Display
Displays information pertaining to unit.

ON/OFF Button (Red)
Press to turn the unit on or off.

TEMPERATURE Buttons
Press to raise or lower the desired temperature.

FAN DIR.▲▼ Button
Press to select up/down direction for fan.

TURBO/MILD
Press to select super-power operation (Turbo) mode

COVER
Slide down to access most of the remote buttons. Slide down further to access the battery compartment.

REMOTE DISPLAY

MODE Indicators (Auto/Quick/Cool/Fan/Dehumidifier/Heat)
Lights to indicate the mode selected.

FAN Indicators
Lights to indicate the fan speed.

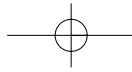
NATURAL Indicators
Lights to indicate the speeds simulating a breeze.



FAN DIRECTION Indicators
Lights to indicate the fan direction.

TIMER Indicators (Include sleep)
Lights to indicate the timer function mode.

TEMPERATURE & RESERVATION TIME Indicators
Lights to indicate the temperature or time.

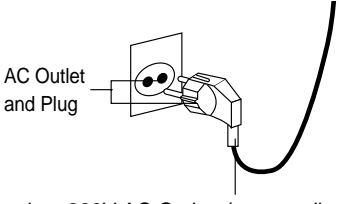


OPERATION

CONNECTING THE AC CORD

Only the power plug of outdoor unit is connected to AC outlet, and the power of indoor units were supplied with AC connection cords from outdoor unit. To supply the system with AC power, follow the procedures below:

1. Insert the AC plug of outdoor unit into a pronged 220V AC outlet



Plug into 220V AC Outlet. (not supplied)

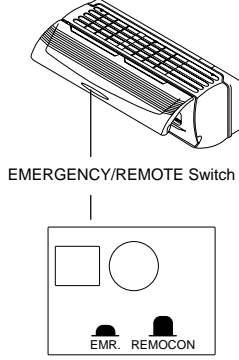
NOTES:

- Never connect the AC line cord plug to other than the specified voltage (220V).
- The new air conditioner system should be on its own 220V circuit. Contact your local electrical installer for installation.
- Use the recommended power cord and wire only (refer to page 15)


SETTING THE UNIT FOR REMOTE OPERATION

After the unit is fully connected and plugged in, it can be turned on. To turn the unit on and set it for remote operation, follow the procedures below:

1. Open the indoor unit's cover and make sure the EMERGENCY/REMOTE switch is set to the REMOTE position; this will allow the unit to operate with the remote controller.

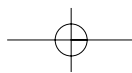


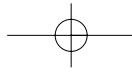
2. Press the ON/OFF button on the remote controller to turn on the unit. The On LED will light on the indoor unit and "ON" will light in the remote display. To select the various modes and settings, read the following pages.



THREE MINUTE COMPRESSOR DELAY

- After turning the indoor unit on and setting it for air conditioner operation, the compressor (outdoor unit) will not come on for three minutes. This is a feature that will protect the compressor from damage due to quick start and stops.

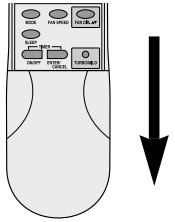
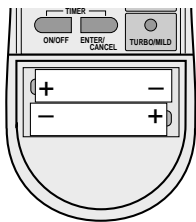




HOW TO INSTALL BATTERIES

To install the batteries, follow the procedures below:

<p>1. Slide down the cover to access most of the remote buttons. Slide down further to access the battery compartment.</p>	<p>2. Insert two “AAA” size Alkaline batteries following the polarity diagram below.</p>
--	--

BATTERY PRECAUTIONS

The precautions below should be followed when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions).

CELSIUS TO FAHRENHEIT CONVERSION CHART

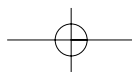
CELSIUS	FAHRENHEIT	CELSIUS	FAHRENHEIT
18	64.4	26	78.8
19	66.2	27	80.6
20	68	28	82.4
21	69.8	29	84.2
22	71.6	30	86
23	73.4	31	87.8
24	75.2	32	89.6
25	77		

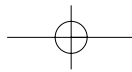
CAUTION-IN CASE OF OPERATING TWO UNITS

the operation mode of the remote controller

	CASE I				CASE II					
indoor unit B1	Fan	Heating	Cooling	Heating	Fan	Cooling	Cooling	Cooling	Dehumidification	Heating
indoor unit B2	Heating	Fan	Heating	Cooling	Cooling	Fan	Cooling	Dehumidification	Cooling	Heating
Operation	No Good				Good					

As shown above, When the “CASE I” is selected, only the indoor unit which is received the first signal from the remote controller operates and the other indoor unit doesn't operate. also, you can see the blink of indicators of the latter. in that case, try to select one out of the “CASE II” again.









TO SET AUTO MODE

This unit will automatically operate the unit according to its surroundings while in the Auto mode. All you have to set is the desired temperature and it will control the fan, coolness and dehumidifier. Follow procedures below:


1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.

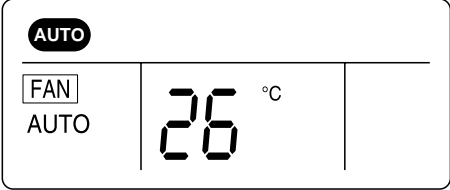


2. Make sure the AUTO indicator **AUTO** appears in the remote display. Using the TEMP.  or  buttons, set the desired temperature. The desired temperature can be changed up or down 1 degree from the actual room temperature. For temperature setting: 24~28°C



3. Then the unit will automatically operate.








TO SET QUICK MODE

To set this unit to cool at the highest power, follow the procedures below:

1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.

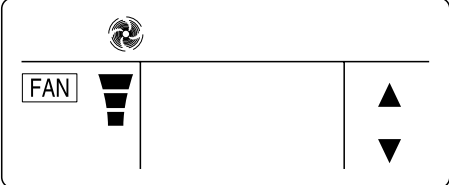


2. Press the MODE button until the Quick indicator  appears in the display.



MODE


3. The unit will then start cooling the room at the highest power.





TO SET COOL MODE

To set the unit to cool the room to a desired temperature, follow the procedures below:



1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.

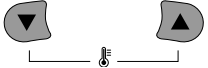


2. Press the MODE button until the Cool indicator  appears in the display.




MODE

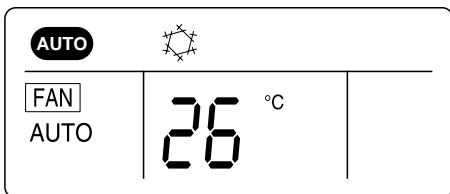
3. Using the TEMP.  or  buttons, set the desired temperature. The desired temperature can be changed up to 32°C and down to 18°C.



4. To select the fan speed, press the FAN SPEED button until the desired speed appears in the display (see below).

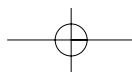


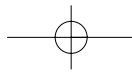
FAN SPEED



FAN SPEEDS

- "AUTO" The fan will automatically select the fan speed.
- "-" The fan will operate on low speed.
- "▽" The fan will operate on medium speed.
- "▽▽" The fan will operate on high speed.
- "NATURAL" The fan will randomly cycle through the speeds simulating a cool breeze.

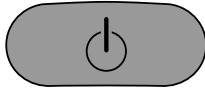





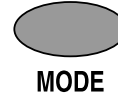
TO SET ONLY FAN MODE

To operate only the fan so the unit will circulate the air, proceed as follows:

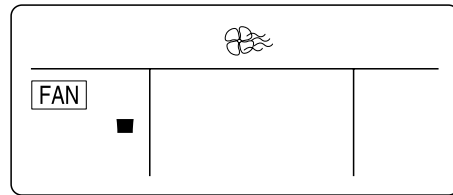
1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.



2. Press the MODE button until the Fan indicator  appears in the display. No allowance setting temperature



3. To select a fan speed, press the FAN SPEED button until the desired speed appears in the display (see below).



FAN SPEEDS

- "■" The fan will operate on low speed.
- "▒" The fan will operate on medium speed.
- "■" The fan will operate on high speed.
- "NATURAL" The fan will randomly cycle through the speeds simulating a breeze.

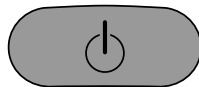
NOTE:


- If "NATURAL" is selected, the NATURAL" indicator on the indoor unit will light.

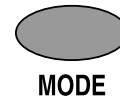
TO SET DEHUMIDIFIER MODE



Select this mode when there is high humidity. To select, follow the procedures below.

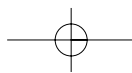
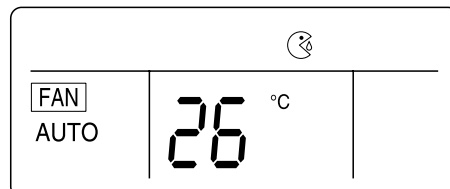
1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.

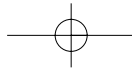


2. Press the MODE button until the Dehumidifier indicator  appears in the display.








3. Using the TEMP.  or  buttons, set the desired temperature. The desired temperature can be changed up to 32°C and down to 18°C.

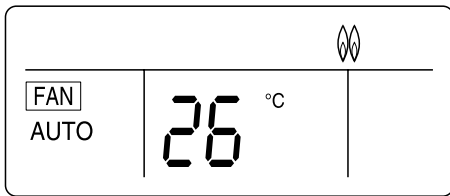




TO SET HEAT MODE

To set the unit to heat the room to a desired temperature, follow the procedures below:

<p>1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.</p> 	<p>2. Press the MODE button until the Heat indicator appears in the display. In the heat mode, the fan direction or is further downward than that in the cool mode for the good circulation.</p>   <p>MODE</p>
<p>3. Using the TEMP. or buttons, set the desired temperature. The desired temperature can be changed up to 32°C and down to 18°C.</p> 	<p>4. To select the fan speed, press the FAN SPEED button until the desired speed appears in the display (see below).</p>  <p>FAN SPEED</p> <div style="border: 1px solid black; padding: 5px;"> <p>NOTE: When the heating operation is started, hot air delivery might be delayed due to warm up period.</p> </div>



FAN SPEEDS

"AUTO" The fan will automatically select the fan speed.

"▼" The fan will operate on low speed.




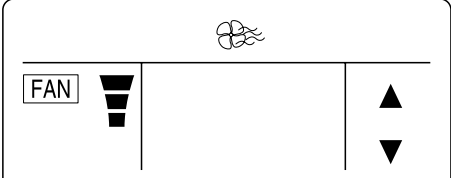
"▼▼" The fan will operate on medium speed.


"▼▼▼" The fan will operate on high speed.

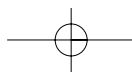
"NATURAL" The fan will randomly cycle through the speeds simulating a cool breeze.

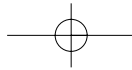
TO SELECT THE FAN DIRECTION

Regardless of the mode the unit is set for, the fan direction can be changed so it moves up and down. Follow procedures below to set fan direction.

<p>1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.</p> 	<p>2. Press the MODE button to select the desired mode.</p>  <p>MODE</p>
<p>3. Press the FAN DIR. button to select the fan direction. See chart below for detailed information on each of the three settings.</p> 	

FAN DIR. ▲▼ First Press		The air will flow up and down.
Second Press		Normal air direction.



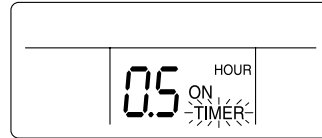
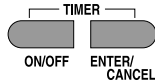


TO SET ON TIMER MODE

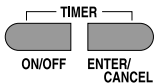
This unit can be set to automatically turn on after a predetermined amount of hours (up to 24) in the order of 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 8, 10, 12, 16, 20, 24.

1. Press the ON/OFF button of timer on the remote control to set the on timer mode, "HOUR" and "ON" on the remote display will be displayed and "TIMER" will be flicked. When you increase to press "ON/OFF" you will get desired time. Then, if pressing "ENTER/CANCEL" button, ON TIMER Mode will be started. If you want to stop ON TIMER Mode, please press "ENTER/CANCEL" again.

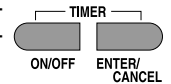
2. While the unit is off, press the TIMER ON button; the display will light waiting input for the timer, but the actual unit will not turn on.



3. Repeatedly press the TIMER ON button until the desired hour that you want the unit to turn on appears on the display. For example, if it is 1:00 P.M. and you want the unit to turn on at 4:00 P.M., select 3 hours.



4. Press the ENTER button to input the setting into memory; the unit will beep, the TIMER indicator will light on the unit and the TIMER indicator on the remote will light to indicate the unit is in the timer mode.



5. Place the remote controller so it is facing the unit. When the desired hour is reached, the unit will turn on to the selected mode.

NOTE : Press the ENTER button within 5 seconds of selecting the desired time. If more than 5 seconds elapse, steps 3 and 4 must be repeated.

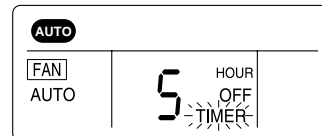
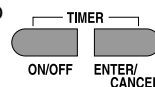


TO SET OFF TIMER MODE

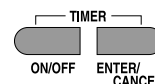
This unit can be set to automatically turn off after a predetermined amount of hours (up to 24) in the order of 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11, 12, 16, 20, 24.

1. Press the ON/OFF button of timer on the remote control to set the off timer mode, "HOUR" and "OFF" on the remote display will be displayed and "TIMER" will be flicked. When you increase to press "ON/OFF" you will get desired time. Then, if pressing "ENTER/CANCEL" button, OFF TIMER Mode will be started. If you want to stop OFF TIMER Mode, please press "ENTER/CANCEL" again.

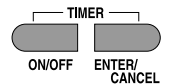
2. Press the TIMER OFF button once to enter the Timer screen.



3. Repeatedly press the TIMER OFF button until the desired hour that you want the unit to shut off appears on the display. For example, if it is 8:00 P.M. and you want the unit to turn off at 10:00 P.M., select 2 hours.

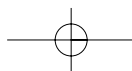
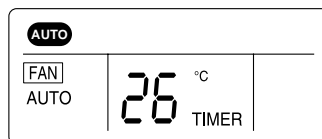


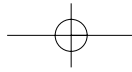
4. Press the ENTER button to input the setting into memory; the unit will beep, the TIMER indicator will light on the unit and the TIMER indicator on the remote will light to indicate the unit is in the timer mode.



5. When the desired hour is reached, the unit will turn off.

NOTE: Press the ENTER button within 5 seconds of selecting the desired time. If more than 5 seconds elapse, steps 3 and 4 must be repeated.





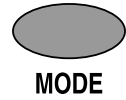
TO SET SLEEP MODE

When you are going to sleep, select this feature and the unit will cool off the room to the desired temperature and then increase that temperature throughout the night.

1. Press the ON/OFF button on the remote control to turn the unit on; the On LED will light on the indoor unit and "ON" will light in the remote display.



2. Press the MODE button to select the desired mode. Then, set the desired temperature using the TEMP. or MODE buttons.

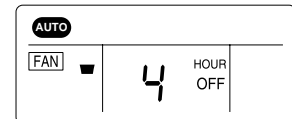


3. Press the SLEEP button on the remote controller. The unit will then be in the sleep mode and will cool the room to the desired temperature. After a while the unit will increase the temperature again in the cooling mode or decrease the temperature in the heat mode of the heat pump. This process will then repeat.



TO CANCEL SLEEP MODE:

To cancel sleep mode, press the SLEEP button again; the SLEEP indicator will disappear in the display.



TO SET TURBO/MILD MODE

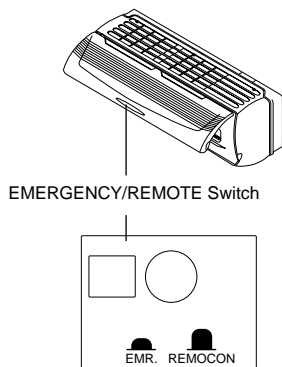
1. The unit is fixed "MILD" mode on production.
2. Press the "TURBO/MILD" button for powerful cooling.
3. When press the "TURBO/MILD" button one more time, it will be back to "MILD" mode.



EMERGENCY OPERATION

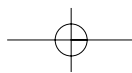
If the remote control is lost, broken or has no batteries, follow the procedures below:

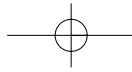
1. Open the indoor unit's cover and make sure the EMERGENCY/REMOTE switch is set to the EMERGENCY position.



2. The unit will then turn on and depending on the room temperature, it will select the cool or heat, fan speed and fan direction automatically.

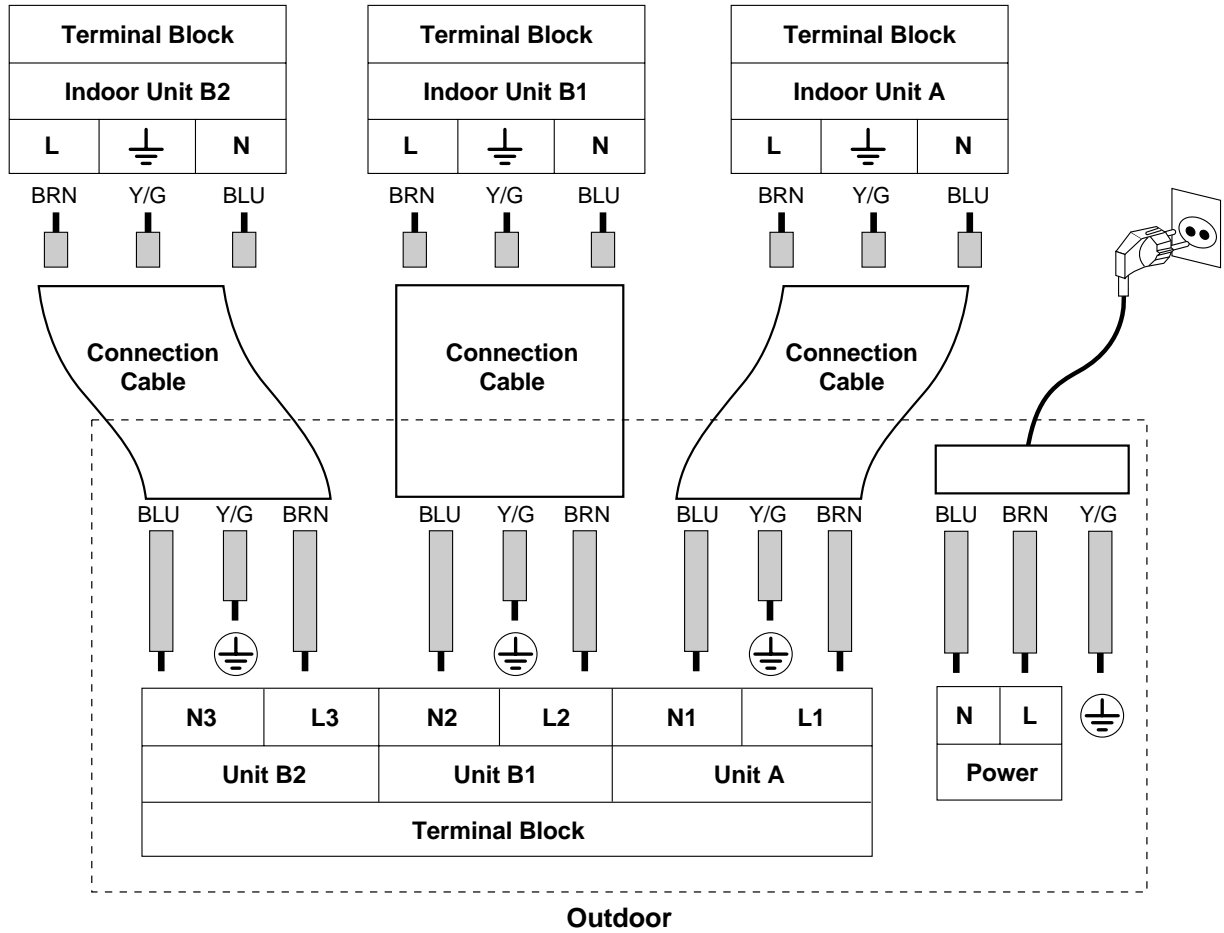
3. To turn the unit off, slide or push the EMERGENCY/ REMOTE switch to the REMOTE position.





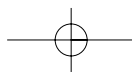
AC CONNECTION DIAGRAM

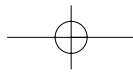
You should individually connect wires to terminals as bellow diagram:



NOTE: We want you to observe bellow recommended specifications.

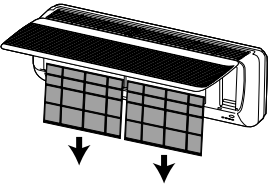
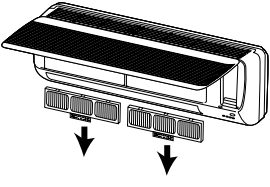
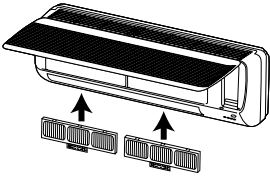
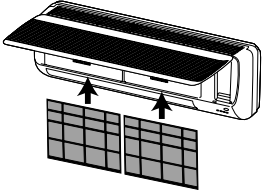
Part Name	Recommended specifications
Power plug	250V 16A
Power cable	Flexible, H05RN-F above 2.0mm ²
Circuit breaker	20A
Connection cable	H05RN-F 0.5 or above x 3P x 8m





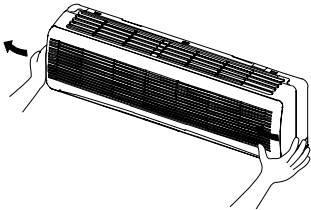
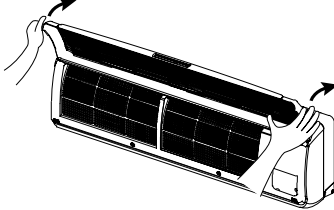
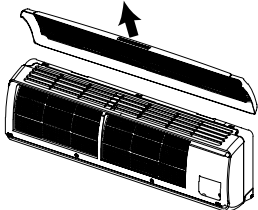
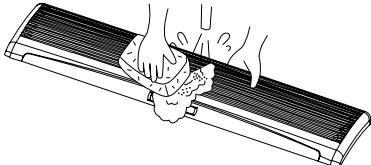
CHANGING/CLEANING THE AIR FILTERS

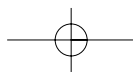
To change or clean the two black air filters, follow the procedures below:

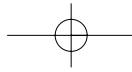
<p>1. Open the indoor unit's cover and remove both black air filters by bending them slightly backward and the lifting out.</p>	<p>2. Remove the two small filters (Deodorizing and Electrostatic) from the indoor unit.</p>
	
<p>3. Examine the filters and determine if they need to be cleaned or replaced. To clean filters, use a vacuum and clean off dust. Use water and mild soap also if necessary.</p>	<p>4. Insert cleaned or new small filters (Deodorizing and Electrostatic) back into the unit.</p>
	<p>5. Insert cleaned or new black filters back into the unit.</p>
	<p>NOTES:</p> <ul style="list-style-type: none"> The filters should be changed every 6 months. If in a climate with cold winters, once a year is adequate. After getting rid of vinyl in the filter (Deodorizing and Electrostatic), use it.

CLEANING THE INDOOR COVER

To clean the indoor cover, follow the procedures below:

<p>1. Remove the left and right side to open the indoor cover upward by two hands.</p> <p>NOTE: Please remove or insert the indoor cover by two hands.</p>	<p>2. Pushing forward the indoor cover.</p>
	
<p>3. Remove the indoor cover.</p> <p>(Remove it when cleaning.)</p>	<p>4. Cleaning the indoor cover.</p>
	
<p>NOTES:</p> <ul style="list-style-type: none"> Wipe the indoor cover with soft sponge or soft cloth. When cleaning up it in the state of opening the indoor cover, wipe it with soft cloth. After drying it completely in the shade, assemble it. If you do not so, it may cause a trouble. Reassembly of the indoor cover is reverse process of assembly 	





CARE AND MAINTENANCE

warning

- Make sure the AC cord is unplugged and the unit is off before cleaning.
- Do not use water on the unit to clean it. This is a shock hazard and the unit can be damaged.

Clean the casing and front of the indoor unit with a vacuum brush or wipe with a clean damp cloth.

- **NEVER USE** Solvents, harsh chemicals or hot water to clean the unit.
- Some metal edges on the unit are sharp. Be careful when cleaning or handling.
- Internal parts in the outdoor unit may need cleaning or routine maintenance from time to time. Consult your local service center for more details.

AFTER THE SEASON:

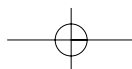
- Operate the fan, then dry the indoor unit.
- Shut off the indoor unit and then unplug it from the wall.
- Clean the air filters.
- Cover the outdoor unit with the supplied cover; this is very important to protect this unit.

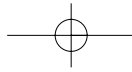
BEFORE THE SEASON:

- Make sure the air filters are clean.
- Make sure the inlet and outlet on the indoor and outdoor units are not blocked by obstructions.
- Make sure the unit is grounded. Consult a serviceman for help.

PRECAUTIONS:

- Do not use this unit for animal or plant storage.
- In a lightning or thunder storm, immediately unplug it from the wall.





TROUBLESHOOTING GUIDE

Before requesting service, please refer to the chart below for possible solutions:

SYMPTOMS	POSSIBLE CAUSE	POSSIBLE SOLUTIONS
No power	Power failure.	Restore the power
	Line voltage too low.	Contact electrician to install new outlet.
	Unit is unplugged or not completely plugged in.	Insert plug all the way.
	Unit is off.	Turn unit on.
	Batteries in remote are weak or dead.	Replace remote's batteries.
	EMERGENCY/REMOTE switch is not set to REMOTE.	Slide EMERGENCY/REMOTE to REMOTE.
The compressor does not turn on. (no cool air)	When the unit is first plugged in and turned on, the compressor will delay turn on for 3 minutes.	Wait 3 minutes for the unit to operate.
	If the unit is turned off and then immediately back on, the compressor will delay for 3 minutes.	Wait 3 minutes for the unit to operate.
	The air filter(s) is dirty or clogged.	Clean or replace filter(s).
	Unit is located near a heat source (heater, stove, etc.)	When locating unit for the first time, make sure it is in a desirable location.
	A door or window is open.	Shut door or window.
	There is an obstacle in front of intake or indoor unit.	Remove obstacle.
	Thermostat is set too high.	Set thermostat lower.
Strange sounds occur.	During operation, especially after turning it on or off, refrigerant flows inside the unit.	This is normal.
Strange smells occur.	The fan is bringing out the smells of the carpet, walls, etc.	The smell should go away shortly.
No remote operation.	Batteries are weak, dead or inserted improperly.	Replace batteries.
	Remote is out of range.	Move closer to unit.
	Remote not aimed at sensor.	Aim remote at sensor.
	There is an obstruction between unit and remote.	Remove obstruction.

S/N.: 3113910500

