

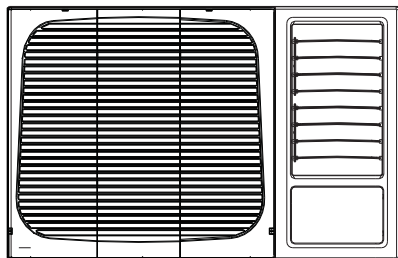
使用安裝說明書

三菱重工 窗口式冷氣機

中文

MITSUBISHI HEAVY INDUSTRIES
Window Type Air Conditioner

ENGLISH



WRK20MA1
WRK26MA1
WRK35MA1
WRK53MA1
WRK70MA1

承蒙選購三菱重工空調器，深表感謝！為了使空調器長久保持其良好的運轉性能，在您開始使用空調器之前，務請仔細閱讀本說明書。閱后應將它妥善保管好，以備必要時查閱。

本空調器使用新型環保冷媒(R410A)，當需要獲得維修檢查以及保養時，請對經銷商說明此情況。

本空調器適用於家用。

SOCIABLE REMARK

The following contents apply only the countries of Europe.

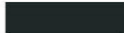
DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

- A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- B) When buying a new product, the retailer will take back the old product at least free of charge.
- C) The manufacture will take back the old appliance for disposal at least free of charge to the user.
- D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.



Read This Manual

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

CAUTION



- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play the appliance. Cleaning and user maintenance shall not be made by children without supervision. (be applicable for the European Countries)
- This appliance is not intended for use by persons (including children) with reduced physical ,sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. (be applicable for other countries except the European Countries)
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- The appliance with electric heater shall have at least 1 meter space to the combustible materials.
- Contact the authorised service technician for repair or maintenance of this unit.
- Contact the authorised installer for installation of this unit.
- When there are wide differences between “USER’S MANUAL” and “Remote controller Illustration” on function description, the description on “USER’S MANUAL” shall prevail.
- If the air conditioner is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a technician or customer service for assistance.
- In a thunderstorm, the power must be cut off to avoid damage to the machine due to lightning.
- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

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SAFETY PRECAUTIONS

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

	WARNING	This symbol indicates the possibility of death or serious injury.
	CAUTION	This symbol indicates the possibility of injury or damage to property.

■ Meanings of symbols used in this manual are as shown below.

	Never do this.
	Always do this.

⚠ WARNING

⓪ Plug in power plug properly.

- Otherwise, it may cause electric shock or fire due to excess heat generation.

⓪ Do not operate or stop the unit by inserting or pulling out the power plug.

- It may cause electric shock or fire due to heat generation.

⓪ Do not damage or use an unspecified power cord.

- It may cause electric shock or fire.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorised service centre or a similarly qualified person in order to avoid a hazard.

⓪ Do not modify power cord length or share the outlet with other appliances.

- It may cause electric shock or fire due to heat generation.

⓪ Do not operate with wet hands or in damp environment.

- It may cause electric shock.

⓪ Do not direct airflow at room occupants only.

- This could damage your health.

⓪ Always ensure effective earthing.

- Incorrect earthing may cause electric shock.

⓪ Do not allow water to run into electric parts.

- It may cause failure of machine or electric shock.

⓪ Always install circuit breaker and a dedicated power circuit.

- Incorrect installation may cause fire and electric shock.

⓪ Unplug the unit if strange sounds, smell, or smoke comes from it.

- It may cause fire and electric shock.

⓪ Do not use the socket if it is loose or damaged.

- It may cause fire and electric shock.

⓪ Do not open the unit during operation.

- It may cause electric shock.

⓪ Leave the door closed while the air conditioner is running.

- It is not designed to cool the entire house.

⓪ Do not use the power cord close to heating appliances.

- It may cause fire and electric shock.

⓪ Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.

- It may cause an explosion or fire.

⓪ Ventilate room before operating air conditioner if there is a gas leakage from another appliance.

- It may cause explosion, fire and, burns.

⓪ Do not disassemble or modify unit.

- It may cause failure and electric shock.

 **CAUTION**

ⓘ When the air filter is to be removed, do not touch the metal parts of the unit.

- It may cause an injury.

ⓘ Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

ⓘ Ventilate the room well when used together with a stove, etc.

- An oxygen shortage may occur.

ⓘ When the unit is to be cleaned, switch off, and turn off the circuit breaker.

- Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.

ⓘ Do not put a pet or house plant where it will be exposed to direct air flow.

- This could injure the pet or plant.

ⓘ Do not use for special purposes.

- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.

ⓘ Stop operation and close the window in storm or hurricane.

- Operation with windows opened may cause wetting of indoor and soaking of household furniture.

ⓘ Hold the plug by the head of the power plug when taking it out.

- It may cause electric shock and damage.

ⓘ Turn off the main power switch when not using the unit for a long time.

- It may cause failure of product or fire.

ⓘ Do not place obstacles around air-inlets or inside of air-outlet.

- It may cause failure of appliance or accident.

ⓘ Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.

- If bracket is damaged, there is concern of damage due to falling of unit.

ⓘ Always insert the filter securely. Clean filter once every two weeks.

- Operation without filters may cause failure.

ⓘ Do not use strong detergent such as wax or thinner but use a soft cloth.

- Appearance may be deteriorated due to change of product color or scratching of its surface.

ⓘ Do not place heavy object on the power cord and ensure that the cord is not compressed.

- There is danger of fire or electric shock.

ⓘ Do not drink water drained from air conditioner.

- It contains contaminants and could make you sick.

ⓘ Use caution when unpacking and installing. Sharp edges could cause injury.

ⓘ If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.

SAFETY PRECAUTIONS(prior to operation)

Preparing for operation

1. Contact an installation specialist for installation.
2. Plug in the power plug properly.
3. Do not use a damaged or non-standard power cord.
4. Do not share the same outlet with other appliances.
5. Do not use an extension cord.
6. Do not start/stop operation by plugging/unplugging the power cord.

Usage

1. Exposure to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purposes (e.g. Preserving precision devices, food, pets, plants, and art objects). Usage in such a manner could harm such property.

Cleaning and maintenance

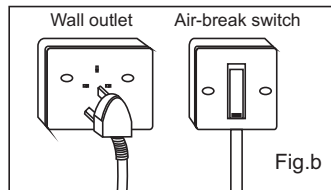
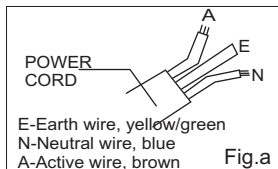
1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning and maintenance the unit, first make sure that the power and circuit breaker are turned off.

Operating Temperature

Cooling operation	Outdoor temp:	(18-43)°C/(64-109)°F
	Indoor temp:	(17-32)°C/(62-90)°F

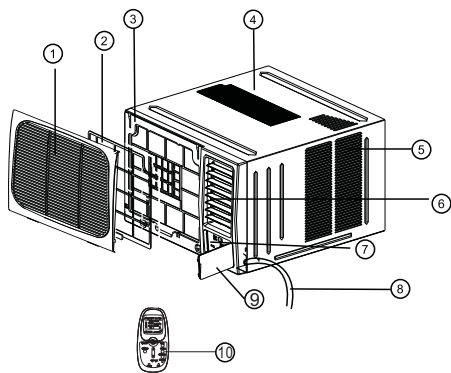
Note: Performance may be reduced outside of these operating temperatures.

1. Power cord conductors are distinguished according to color as follows (see Fig.a)
2. For your safety and protection, this unit is earthed through the power cord (see Fig.b) Please contact the manufacturer or its service agent or a similar qualified person if you want to replace it.
3. Be sure that the unit being correctly grounded. The wall outlet (Air-break switch) should be provided with reliable earth wire.
4. The unit should be provided with an individual circuit and the circuit breaker/fuse rating should be the same as that of the power cord and wall outlet.









UNIT PARTS IDENTIFICATION

NOTE: The front panel and cabinet may be slightly different according to the models, but the functions are the same. The following illustration is for explanation purpose only, the actual shape of the machine you purchased may be slightly different.



1. Front panel
2. Air filter
3. Frame
4. Cabinet
5. Air inlet grille (outdoor side)
6. Air outlet grille
7. Electronic control keypad
8. Power supply cord
9. Control panel cover
10. Remote controller

Accessories

Seal (※) (Used on drain joint)	Drain Joint(※)	Drain Tray (※)	Wooden screw (optional)(※)	Rubber Plug	Screw
					
1	1	1 pec	or 1 pec	8	1 or 2
				(depend on model you purchased)	2 (For ≥18000Btu/h models only; Used to fasten the front panel) 2 or 4 (Used to install the drain tray)

NOTE: *Optional parts (※), depending on model you purchased.*

NOTE: All the illustrations in the manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.

Auto-Restart (on some models)

If the unit breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.

Wait 3 minutes before resuming operation

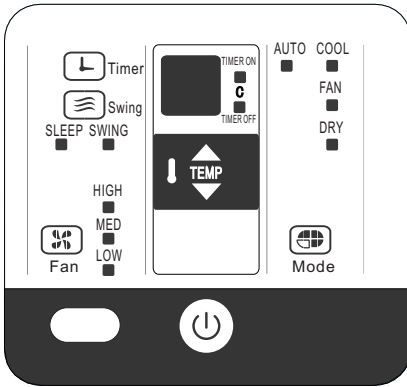
After the unit has stopped, it can not be restarted operation in the first 3 minutes. This is to protect the unit. Operation will automatically start after 3 minutes.

OPERATING INSTRUCTIONS

Controls

The electronic control keypad will look like one of the following:

Cooling Only Model



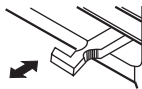
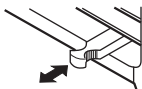
NOTE: Some models without MED fan speed feature and (or) swing feature.

NOTE: The outline of the operation panel is based on typical model, the function is the same with your air conditioner while some difference may exist in appearance.

Vent Control

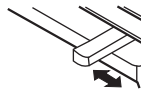
The vent control is located above the control knobs. The operation method is different on different models (see the following figures).

For maximum cooling efficiency, CLOSE the vent. This will allow internal air circulation. OPEN the vent to discharge stale air.



CLOSE ← VENT → OPEN

To open the vent, pull the lever toward you
To close it, push it in.



CLOSE ← VENT → OPEN

To open the vent, set the lever to the right position
To close it, set the lever in the left position.

OPERATING INSTRUCTIONS

POWER:

Press the POWER button to turn the unit on/off.
(The TIMER button controls the auto stop feature of the unit.)

MODE:

Press the "MODE" button to select the appropriate operating mode. The mode selection including AUTO, COOL, FAN and DRY. The green indicator light beside the "MODE" button will illuminate to identify the mode selected.

When the unit is under the DRY and AUTO mode, the fan speed cannot be adjusted. The fan speed is LOW in DRY mode and MED in AUTO mode. (Some models without MED speed, the fan speed will be HIGH in AUTO mode.)

▲ TEMPERATURE SETTING UP:

Press the ▲ button to increase the set (operating) temperature of the unit.
Each time the button is pressed the temperature increases 1°C (Celsius scale).
Maximum setting is 30°C.

▼ TEMPERATURE SETTING DOWN:

Press the ▼ button to decrease the set (operating) temperature of the unit.
Each time the button is pressed the temperature decreases 1°C (Celsius Scale).
Minimum setting is 17°C.

FAN:

Press the "FAN" button to activate the fan speed setting. Each press of the button will alternate through HIGH, MED, LOW fan speed options.
The green indicator light beside the FAN speed option will illuminate to identify the fan speed selected.

SWING:

Press the "SWING" button to activate the automatic oscillation feature. The green indicator light adjacent to the "SWING" button will illuminate. The vertical louvers will oscillate back and forth (side to side) automatically sweeping air alternately for comfortable cooling. To stop the oscillation feature, press the "SWING" button again, the green indicator light adjacent to the button will turn off.

Press the "SWING" button for 2 seconds will activate the SLEEP mode which can reduce noise and create a comfortable sleeping environment.

TIMER:

First press the Timer button, the indicator light besides word on illuminates. It indicates the Auto Start program is initiated.

Press or hold the Up(▲) or Down(▼) to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.

DRY:

In the DRY mode, the air conditioner will generally operate in the form of a dehumidifier.

COOL:

The temperature setting are adjustable between 17°C to 30°C . Cooling begins automatically when the room temperature is 1°C above the set point, and stops when the room temperature is 1°C below the set point. The fan will remain running.

AUTO:

The fan speed is MED in AUTO mode. (Some models without MED speed, the fan speed is HIGH in AUTO mode.) The unit will be operated in the appropriate mode FAN or COOL based on the temperature difference between the actual and desired room temperature. If the actual room temperature is 2°C above the set point, the unit be operated in COOL mode. When the actual room temperature is not 2°C or higher above the set point and not 1°C or lower below the set point, the unit will be operated in FAN mode.

Note: If activating the SLEEP mode when the unit is operated in AUTO mode, the fan speed will be changed into LOW immediately.

SLEEP:

Press the "SWING" button for 2 seconds to activate/deactivate the "SLEEP" feature.

In the COOL mode, the cooling temperature set point will increase 1°C per hour after the "SLEEP" mode is activated. Two hours later, the set point will not be changed and the fan speed will be kept on LOW .

Note: When activating the SLEEP mode in AUTO mode, the set temperature will not be changed over time.

Failure Indicator Display:

- Er Indicates a malfunction of the indoor room temperature sensor
- En Indicates a malfunction of the evaporator temperature sensor
- Eo Indicates a malfunction of the outdoor condenser temperature sensor
- Eδ Indicates frosting protection (Turn off the unit and restart it to return to normal operation).

Note: When one of the above malfunctions occurs, turn off the unit, and check for any obstructions. Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord. Contact the manufacturer or its service agents or a similar qualified person for service.

OPERATING INSTRUCTIONS(continued)

remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again.If the unit does not receive the Follow Me signal during any 7 minutes interval, the unit will beep to indicate the Follow Me mode has ended.

CHECK FILTER FEATURE:

After 800 hours of operation, "CL" will be displayed and flashed in the display area. This feature is a reminder to clean the Air Filter for more efficient operation. After 10 seconds, the system will revert back to the previous display again. The "CL" indicator will display and flash for another 10 seconds at the next time starting the unit. To cancel the reminder feature, press the FILTER CLEAN button on the remote controller while the "CL" indicator is flashing.

LONIZER FEATURE:

Ionizer function is activated when the compressor is in operation and is cancelled when the compressor is out of the operation.The Ionizer can generate abundant anions to fill the room with refreshing and natural air.

Failure Indicator Display:

- Er Indicates a malfunction of the indoor room temperature sensor
- En Indicates a malfunction of the evaporator temperature sensor
- Eo Indicates a malfunction of the outdoor condenser temperature sensor

Note: When one of the above malfunctions occurs, turn off the unit, and check for any obstructions.

Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord.

Contact the manufacturer or its service agents or a similar qualified person for service.

Ez Indicates frosting protection (Turn off the unit and restart it to return to normal operation).

Ej Indicates the requirement of a filter check after 720 hours of fan operation. Turn off the unit, disconnect/unplug from the power supply. Clean the filter, then restore the power, the unit will return to normal operation(**on some models**)

NOTE: Ei=CLEAN AIR FILTER(on some models):

A message prompt "Ei" will automatically appear in the LED window indicating when it is time to clean the air filter. The "Ei" program is a (built-in) time device that operates based on total (air conditioner) running time. It is very important to keep the air filter clean at all times in order to maximize cooling efficiency (See Cleaning Air Filter). The air filter must be cleaned when the "Ei" message from the LED display, the air conditioner must be switched off and disconnected (unplugged) from the power supply and re-connected. This action automatically resets the "Ei" program internal time device.

In the event of a power failure, the "Ei" program is automatically re-set, therefore we suggest you remove and clean the filter before re-starting the unit after any power failure.



CAUTION



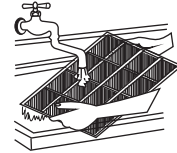
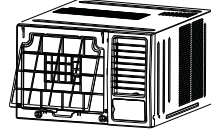
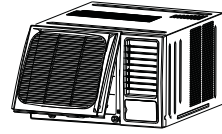
NEVER operate the air conditioner without the air filter, as dust/dirt particles can contribute to equipment failure.

Air Filter

The air filter behind the inlet grille should be checked and cleaned at least once every 2 weeks (or as necessary) to maintain optimal performance of the air conditioner.

How to remove the air filter

1. Hold the tabs under the front panel, then uplift it outwards, and remove the front panel.
2. Pinch the handle under the air filter and make the air filter arched, remove it from the slot from underside to upside.
3. Clean the filter with warm, soapy water. The water should be below 40°C to prevent distortion of the filter.
4. Rinse off and gently shake off excess water from the filter. Allow the filter to dry before replacing it. To prevent distortion of the filter, do not dry in direct sunlight.

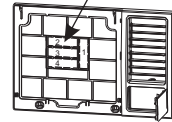


Air Freshen Filter(optional)

How to install the air freshen filter

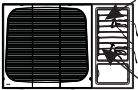
1. Remove the air filter as the steps above.
2. Install the air freshen filter to the positions you desired as shown in the right picture.

The air freshen filter can be installed at any place of the four positions.



Vertical air flow adjustment (manually)

Up horizontal louver



To adjust vertical air flow direction of the up or low horizontal louvers, adjust any one of the up or low horizontal louver blades.

Low horizontal louver

Drainage

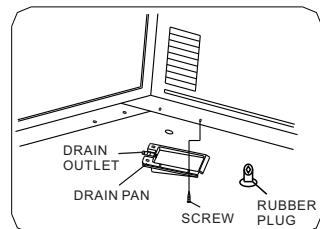
To meet different requirement of different type of air conditioner, there are three kinds of methods for your choice to treat the condensed water.

When cooling or heating, you can choose bottom drainage, See the following procedures to perform bottom drainage:

1. Remove the rubber plug from the bottom of the cabinet and attach to the back drain hole (on some models the rubber plug provided with your air conditioner accessory). For the units without the bottom rubber plug and the back drain hole, just install the drain tray.
2. Take out the drain tray and screws (which provided with your air conditioner accessory).
3. Install the drain tray at the bottom of the unit and secure with screws provided.
4. Connect the drain hose to the outlet located at one side of the drain tray. You can purchase the drain hose or tubing locally to satisfy your particular needs (Drain hose is not supplied).

Suggestion: To ensure the condensed water drain off smoothly, always keep the drain outlet of the the drain tray downward when install the drain tray.

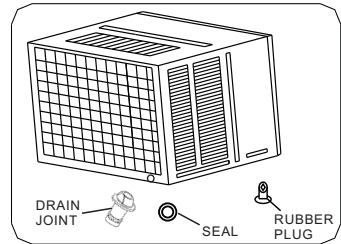
Note: When you choice bottom drainage the air conditioner will effect cooling efficiency little and have no voice of hit water.



When cooling you can choose back drainage (on models with back drain hole).

See the following procedures to perform back drainage:

1. Fit the seal onto the drain joint (which provided with your air conditioner accessory).
2. Remove the rubber plug from the back of the unit. (If applicable),and insert the rubber plug(which provided with your air conditioner accessory on some models) into the bottom drain hole of the unit.
3. Attach the drain joint to the back of the cabinet where you remove the plug and rotate 90° to securely assemble them.
4. Connect the drain joint with a extension drain hose (Locally purchased)



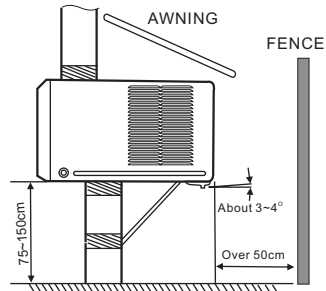
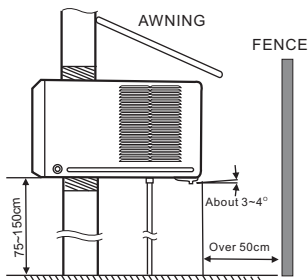
Note: When you choice back drainage the air conditioner will make a voice of hit water.

Note: If you choose non-drainage when cooling, both the bottom and the back drain holes of the unit should be inserted with rubber plugs. When you choice non-drainage the air conditioner will be perfect cooling efficiency, but the unit will make a big voice of hit water. Does not recommend to use.

Note: Cooling efficiency of the unit is tested under hit water.

INSTALLATION INSTRUCTIONS

Select the best location



1. To avoid vibration and noise, make sure the unit is installed securely and firmly.
2. Install the unit where the sunlight does not shine directly on the unit.
If the unit receives direct sunlight, build an awning to shade the cabinet.
3. There should be no obstacle, such as a fence or wall, within 50cm from the back of the cabinet because it will prevent heat radiation of the condenser.
Restriction of outside air will greatly reduce the cooling and heating efficiency of the air conditioner.
4. Install the unit a little obliquely outward not to leak the condensed water into the room (about 3-4° with level).
5. Install the unit with its bottom portion 75~150cm above the floor level.
6. The power cord must be connected to an independent circuit. The yellow/green wire must be grounded.

CAUTION

All side louvers of the cabinet must remain exposed to the outside of the structure.

Installation of the Housing

Step 1

Remove the air conditioner from its packaging, remove fixing screws and slide the air conditioner out of its housing (Refer to Installation Steps).

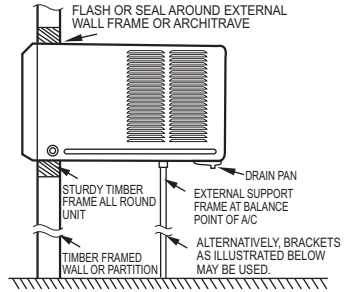
Step 2

Prepare the hole in the wall so that the bottom of the housing is well supported, the top has minimum clearance and the air inlet louvers have clearance as shown below in options A and B. Holes from the outside through to the cavity should be sealed. The housing should slope down towards the rear by about 5mm to allow water formed during operation to drain.

Step 3

Install the housing into the wall and secure. Ensure the foam seals are not damaged. Flash, seal or fill gaps around the inside and outside to provide satisfactory appearance and protection against the weather, insects and rodents.

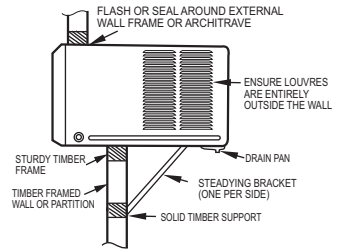
NOTE: UNIT MAY BE SUPPORTED BY A SOLID FRAME FROM BELOW OR BY A HANGER FROM A SOLID OVERHEAD SUPPORT.



Preferred method of installation into a timber framed wall, partition or window.

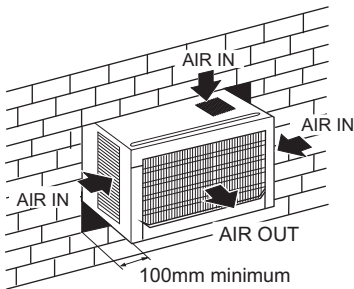
Installation of the unit into the Housing

- Slide the unit into the housing until it is firmly against the rear of the housing. Care is required to ensure the foam sealing strips on the housing remain in position.
- Connect the air conditioner to the power and position excess cord length beneath the air conditioner base.
- Engage the chassis fixing brackets into the bottom housing rail and secure to the base with the screw provided.
- Remove the front panel from its carton and plastic bag and fit as per the Installation Instruction.
- Switch unit on. Check for operation of the unit and check for vibration in the installation.
- Fit the drain pan to the housing and run a drain line to a suitable location if required.

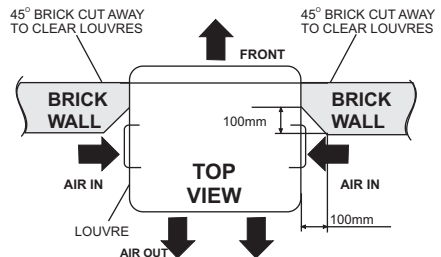


Alternative method of installation if external support cannot be provided.

Installations of the unit into the wall



OPTION A

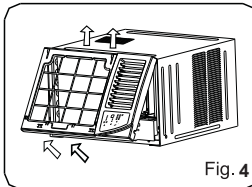
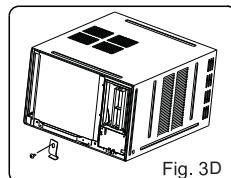
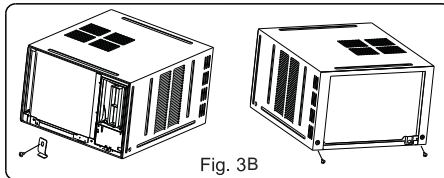
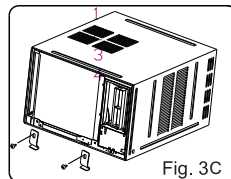
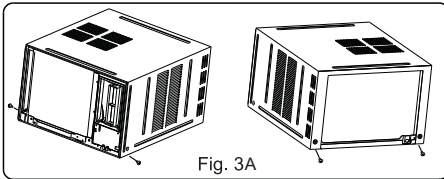
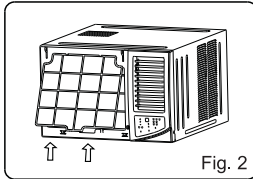
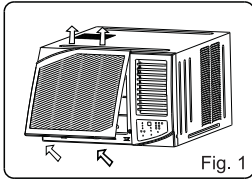


OPTION B

Installation Steps

Step 1. Remove the front panel and the air filter

1. Hold the slot under the front panel, then uplift it outwards, and remove the front panel (See Fig.1).
2. Pinch the handle under the air filter and make the air filter arched, remove it from the slot from underside to upside (See Fig.2).



Step 2. Remove the frame.

1. To meet different requirement of different type of air conditioner, there are four kinds of removing the frame.
 - Remove the four screws located on both sides and the back of the cabinet as shown in Fig.3A.
 - Remove one screw on the chassis fixing bracket, then remove the chassis fixing bracket. Remove the two screws located on the back of the cabinet as shown in Fig.3B.
 - Remove the two screws on the left and right chassis fixing brackets, then remove the two chassis fixing brackets as shown in Fig.3C.
 - Remove one screw on the chassis fixing bracket, then remove the chassis fixing bracket as shown in Fig.3D.
2. Grasp the left corner of the frame's underside, release the coupler plugs, then loosen the frame (See Fig.4).

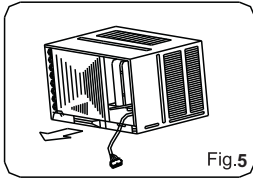


Fig.5

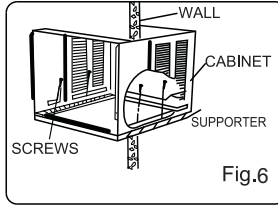


Fig.6

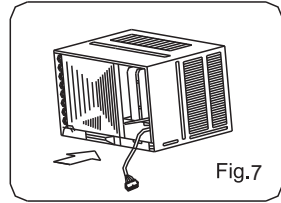


Fig.7

Step 3. Installation.

1. Grasp the handle on the chassis and carefully slide the air conditioner out of the cabinet (See Fig.5).
2. Remove shipping pad from around compressor before operation and make sure the discharge points to the drain pan are aligned before the chassis is pushed into the cabinet (See Fig.6).
3. Push the unit chassis into the cabinet (See Fig.7).

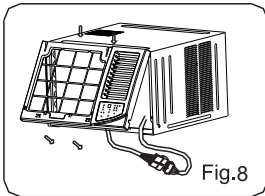


Fig.8

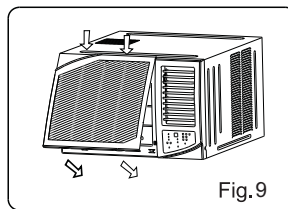


Fig.9

Step 4. Install the frame.

1. Install the frame and connect the coupler plugs, making sure not to interfere with the temperature sensor cable (See Fig.8).
2. Fix the screws on the frame (See Fig.3A,3B,3C,3D).

Step 5. Install the air filter and front panel.

1. Install the air filter into the frame's slot from upside to underside (See Fig.2).
2. Hang the front panel on the frame's buckle, then press the front panel into the frame's slot until you hear a click (See Fig9).

TROUBLESHOOTING

Troubleshooting Tips

Save time and money! Review the chart below first and you may not need to call for service.

Normal Operation

- You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may continue to operate when the compressor has cycled off.

Abnormal Operation

Problem	Possible Causes	What To Do
Air conditioner does not start	<ul style="list-style-type: none"> ■ <i>The air conditioner is unplugged.</i> ■ <i>The fuse is blown/circuit breaker is tripped.</i> ■ <i>Power failure.</i> 	<ul style="list-style-type: none"> ● Make sure the air conditioner plug is pushed completely into the outlet and switched on. ● Check the house fuse/circuit breaker box and replace the fuse or reset the breaker. ● If power failure occurs, switch off and disconnect /unplug the power cord. When power is restored, reconnect (plug in) the power cord, switch on the power and wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
Air conditioner does not cool as it should	<ul style="list-style-type: none"> ■ <i>Airflow is restricted .</i> ■ <i>The air filter is dirty.</i> ■ <i>The room may have been hot.</i> ■ <i>Cold air is escaping.</i> ■ <i>Cooling coils have iced up.</i> 	<ul style="list-style-type: none"> ● Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner. ● Clean the filter at least every 2 weeks. See the operating instructions section. ● When the air conditioner is first turned on you need to allow time for the room to cool down. ● Check for open furnace floor registers and cold air returns. ● Set the air conditioner's vent to the closed position. ● See Air Conditioner Freezing Up below.
Air conditioner freezing up	<ul style="list-style-type: none"> ■ <i>Ice blocks the air flow and stops the air conditioner from cooling the room.</i> 	<ul style="list-style-type: none"> ● Set the fan at MED or HIGH until the ice melts.

SPECIFICATIONS

Unit dimensions:

MODEL (Btu/h)	BODY DIMENSION(mm) (W X H X D)
7000~9000	445X320X415
12000	450X346X535
18000~24000	660X428X680

NOTE: Value of D is for reference only.

Minimum nominal cross-sectional area of conductors:

Rated current of appliance (A)	Nominal cross-sectional area (mm ²)
>3 and ≤6	0.75
>6 and ≤10	1
>10 and ≤16	1.5
>16 and ≤25	2.5

Suggest Minimum Wire Size(AWG:American Wire Gage):

Appliance Amps	AWG Wire Size
10	18
13	16
18	14
25	12
30	10

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

環境保護（只是試用歐盟國家）

本產品使用壽命結束時請勿與一般家庭廢棄物一併丟棄。請將該產品放置於政府指定的回收站。此舉能為環保盡一份心力。

禁止在家用生活垃圾中處理本器具。

對於處置，下面是可選的方案：

- 1.該區域已建立垃圾收集系統，廢棄電子電器產品應對使用者免費處理；
- 2.在購買新產品時，銷售商應免費回收原舊電子電器產品；
- 3.製造商負責免費從使用者處回收廢棄電子電器產品，
- 4.如若廢棄電子電器產品中包含有價值的資源，他們可以銷售給相應金屬零售商。



請閱讀該手冊

請閣下閱讀該手冊，您將獲知如何更好的使用和保養您的空調器。只要稍加注意，就能延長您的空調器使用壽命。在疑難小百科中，您可以找到許多常見問題的解決辦法，您也可以聯絡我們的服務中心處理。

注意

除非有安全人員的指導或者協助，並確保使用者的安全，否則該空調器不可由8歲以下兒童，或者非健全人士使用；

切勿讓兒童把玩空調器；

如果空調器的電源線損壞，必須由製造商，或授權的維修中心，或有資質的人士進行更換；

請遵循國家的電器法規；

切勿在浴室或者幹衣房間中使用；

帶有電加熱器的空調器距離可燃物必須大於1米位置安裝；

請聯繫授權的維修人士維修或維護您的空調器；

請聯繫授權的安裝人士安裝您的空調器；

您的說明書包含“遙控器使用說明書”和“用戶使用說明書”，如果兩者有差異的時候，請以“用戶使用說明書”為準；

如果您的空調器在使用過程中被弄翻，請立即關閉空調器，拔下插頭，檢查機器外觀是否破損。如果機器損壞，請聯繫您的技術人員或者維修中心；

在暴風雨的死後，為避免空調器被雷擊，請切斷電源；

為了避免電擊危險，請不要使用任何電晶體控速裝置控制該風扇；



請不要在地毯下麵走線。不要用毯子類似的覆蓋物蓋住電線。不要在傢俱下佈線，佈線時候遠離公共區域並避免磕碰。

內容



1. 安全說明.....	2
2. 部件說明.....	5
3. 操作說明	6
4. 安裝說明.....	11
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6. 參數	16

安全警告

為避免傷及使用者和其他人士，以下說明敬請遵循。因為無視說明而進行的不正當操作可能導致您的受傷和傷害。以下內容請嚴格遵循。

 警告	這個標識表示可能的人身傷害。
 注意	這個標識表示可能的財產損失。

■ 在本書中的一下標識。

	不要這樣做。
	請這樣做。

警告

⓪ 請正確的插上插頭。

● 否則，將有可能因為過熱導致電擊或者起火。

⓪ 請不要插入或者拔出插頭來開關空調器。

● 將有可能因為過熱導致電擊或者起火。

⓪ 請不要損壞或者使用無認證的電源線。

● 將有可能導致電擊或者起火。
● 為避免危險，電源線損壞的時請聯繫您的銷售商，維修中心或者有資質的維修人員進行更換。

⓪ 請不要改變電源線的長度或者與其他設備共用電源線。

● 將可能導致電擊或者起火風險。

⓪ 請不要在潮濕的環境下工作，並確保操作者操作時候手是乾燥的。

● 將有可能導致電擊

⓪ 請不要直吹。

● 這會影響閣下的健康。

⓪ 請確保空調器有效接地。

● 不正確的接地方式可能導致電擊風險。

⓪ 請不要讓水進入空調器的電器部件。

● 將有可能導致空調器損壞或者電擊。

⓪ 安裝時請使用合適規格的保險。

● 不正確的安裝方式將可能導致電擊或者起火。

⓪ 空調器有異音，異味或者煙時，請立即關閉空調器。

● 將有可能導致電擊或起火。

⓪ 不要使用鬆脫或者破損的插座。

● 將有可能導致電擊或起火。

⓪ 使用過程中請勿拆開機器。

● 將有可能導致電擊和起火。

⓪ 空調器運行時候請關閉房門。

● 將有可能影響空調器效果。

⓪ 請勿將空調器置於加熱設備附近。

● 將有可能導致電擊或起火。

⓪ 請勿將空調器電源線靠近可燃物質如天然氣，苯和油漆。

● 將有可能腐蝕空調和起火。

● 如果隔壁房間煤氣洩漏，請在使用空調前先保證房間的有效通風。

● 有可能起火，電擊或者燃燒。

⓪ 請勿拆開空調或者改裝空調。

● 將有可能破壞機器或者電擊。

 **警告**

⊙ 拆除濾網後請勿觸碰空調器金屬部件。

- 將可能導致受傷。

⊙ 請勿用水擦拭空調器。

- 水有可能進入機器，導致機器絕緣保護破壞，致使電擊危險。

⊙ 當空調器與火爐一起使用的時候，請保證房間通風。

- 否則會缺氧。

⊙ 清潔空調器之前請確定關閉電源，拔掉插頭。

- 否則將可能電擊受傷。

⊙ 請勿將空調直吹寵物或者植物。

- 將可能傷害寵物或者植物。

⊙ 請勿將空調用於特殊用途。

- 以下場合請不要使用，以免影響物品品質：精密設備，寵物，植物等。

⊙ 在暴風雨或颶風天氣請關閉空調器。

- 窗戶打開可能導致水進入室內而破壞家具。

⊙ 拔下插頭後請將插頭朝上置。

- 將有可能電擊或起火。

⊙ 長期不適用時候請切換電源拔下插頭。

- 否則有可能有起火隱患。

⊙ 請勿在空調器的進風口和出風口放置遮擋物。

- 這有可能導致機器故障或損壞。

⊙ 請檢查絕緣支架是否完好。

- 如果支架損壞，空調器有下墜危險。

⊙ 請正確的插入過濾網。敬請每兩周清潔濾網。

- 空調器在沒有濾網下運行可能會損壞機器。

⊙ 請使用軟布擦拭，不要使用強清洗劑如石蠟。

- 可能會損壞空調器外觀。

⊙ 請勿在電源線上放置重物，並確保電源線不會被重壓。

- 將有可能電擊或起火。

⊙ 請勿引用空調器的冷凝水。

- 可能含有危害健康的物質。

⊙ 請在安裝或維修時候樹立警告牌。

⊙ 如果有水進入空調器，請立即關閉電源，切斷保險。并聯繫有資質的維修人員。

安全警告(請在操作機器前閱讀)

操作機器前的準備

1. 請聯繫專業的技術人員安裝空調器。
2. 請正確的插入插頭。
3. 請勿使用破損的或者是沒有認證過的電源線。
4. 請不要與其他電器設備使用相同的接頭。
5. 請勿外延電源線。
6. 請勿通過拔插插頭的方式開關機。

使用

1. 長期對著空調器直吹會影響閣下的健康。敬請務將空調器長時間對著寵物或植物。
2. 在使用壁爐或加熱設備時請保證房間通風，避免缺氧。
3. 務將空調器使用與特殊場合，諸如精密設備儲存室，存放食物，寵物，植物或藝術品的地點。

清潔與維護

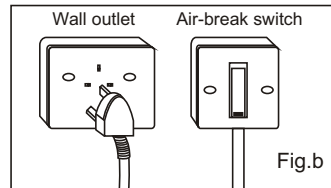
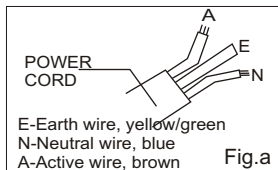
1. 拆除濾網時候請勿觸碰金屬部件，避免被金屬部件的突出位置損傷。
2. 請勿用水直接清洗空調內部，否則可能是內部電器部件引起遇水觸電危險。
3. 清潔和維護機器時候，必須確認已經切斷電源。

工作條件

製冷模式	室外溫度範圍:	(18-43)°C/(64-109)°F
	室內溫度範圍:	(17-32)°C/(62-90)°F

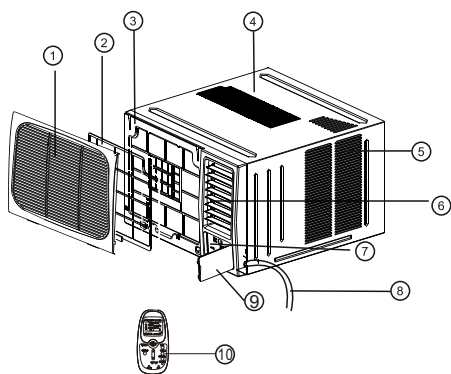
注意：不同溫度下的空調性能會有所不同。

1. 電源線的不同顏色區分(見 Fig.a)
2. 為了閣下安全使用和機器有效保護措施，空調器請使用帶有地線的電源線。(見 Fig.b)
需要更換電源線時請聯繫維修中心。
3. 請確認機器正確接地。如果使用空氣開關請確認有可靠接地。
4. 空調請安裝在單獨的電路，並保證其保險與電源線和空調開關的保險參數一致。



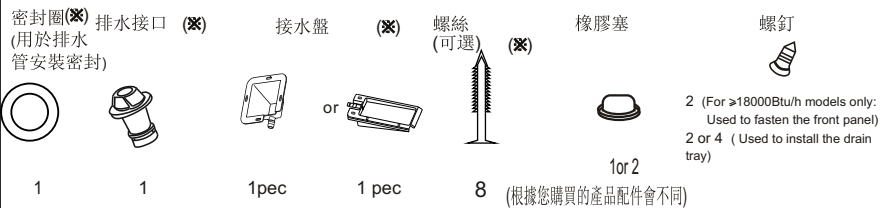
空調器部件示意圖

注意：空調器的面板和機器箱體可能會因產品型號不同而有區別。以下作為產品部件示意圖，實際外觀請以閣下購買的空調器為準。



1. 面板
2. 空調過濾網
3. 面框
4. 箱體
5. 室內進風網格 (外側)
6. 出風網格
7. 操作面板
8. 電源線
9. 操作面板蓋(部分機型)
10. 遙控器

Accessories



注意: 可選部件(※), 根據您購買的配件會不同。

注意: 該手冊用於解釋說明目的, 外觀請以閣下購買的產品為準。

自動重啟(針對部分型號)

如果空調器突然斷電, 它帶有供電自動重啟功能, 并回復到斷電前功能設置。

三分鐘重啟保護設置

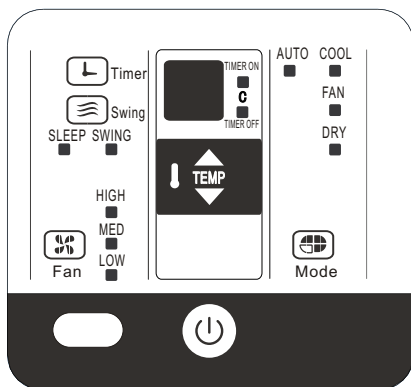
空調器停止運行之後重新供電開機, 機器有三分鐘保護功能, 三分鐘自動保護功能結束, 機器將正常運行。

操作說明

操作

控制面板如下：

單製冷型號

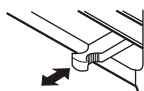


注意：部分型號沒有MED（中風）功能或搖擺功能。

注意：以上示意圖針對窗口式空調器，操作功能與閣下購買的產品一致，外觀可能會與實物有微小差異。

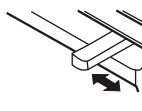
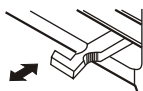
通風操作指南

可以通過機器上的控制閥門進行通風操作，部分機型外觀可能不同。
為實現最優製冷效率，請在機器運行中保持控制閥門關閉。需要排除污濁空氣時候再啟動閥門。



關閉 ← 通風 → 開啟

拉出閥門拉桿，啟動通風操作。
往內推進，關閉閥門。



關閉 ← 開啟

打開閥門后，請選擇正確的角度設置閥門
關閉閥門，將閥門置於左邊位置。

操作說明

電源

按下"**POWER**"按鍵開關空調器。
(空調器的定時模式包含自動關機功能)

模式

按下"**MODE**"選擇合適的模式。閣下可以選擇自動模式，制冷模式，送風模式和乾燥模式。在"**MODE**"按鍵旁邊的綠色指示燈根據選擇的模式停留在不同位置。
當機器運行乾燥或自動模式，風機轉速固定。乾燥模式下空調器按照低風模式運行。自動模式下機器按照中風模式運行。
(如果該款空調器無中風模式，則按照高風轉速運行)

調高溫度 ▲

按下按鍵設置調高設定溫度。每按一次設定溫度上升1°C，最高能調到30°C。

調低溫度 ▼

按下按鍵設置調低設定溫度。每按一次設定溫度下降1°C，最低能調到17°C。

風速

按下"**FAN**"鍵選擇風速，可以設置高風、中風、低風檔位。
在"**FAN**"按鍵旁邊的綠色指示燈會根據選擇模式停留在相應位置。

擺風

按下"**SWING**"鍵空調器的導風條自動搖擺。當該模式啟用，對應綠色指示燈亮，可以控制導風葉、右擺動的角度。再次按下"**SWING**"鍵自動搖擺功能停止，綠色指示燈滅。

定時

按下"**TIMER**"鍵,按鍵旁邊的綠色指示燈亮，選擇自動開機模式。
隨後，用 ▲ ▼ 按鍵改變定時的時間，最長支持24小時定時，前十小時每次調整時間間隔0.5小時，10小時后按照每次1小時的間隔調整。

乾燥

在乾燥模式下，空調器通過除濕方式降低房間濕度。

製冷

空調設定溫度範圍17°C-30°C。

自動

自動模式下的風機按照中風模式運行（部分沒有中風模式的機型，風機按照高風運行）。空調器按照環境情況選擇合適模式的送風或製冷模式運行。

（注意：睡眠模式下空調器選擇自動模式時，空調器運行送風模式。）

睡眠

按照"**SWING**"按鍵兩秒，睡眠模式啟用。

操作說明

空調器顯示屏上的故障代碼顯示：

- Er 顯示室內溫度傳感器故障
- En 顯示蒸發器傳感器故障
- Eo 顯示冷凝器傳感器故障

Note: 機器出現故障代碼時，請立即關閉空調器，目測空調器是否有破損。重新啟動，如果故障代碼依然出現，關閉空調器，拔下插頭。請聯繫維修中心或有資質的維修工程師。

E_d 凍結保護（關閉空調器，重啟之後按照正常操作模式運行空調器）



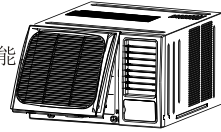
警告



請勿在沒有空調過濾網的情況下操作，避免粉塵物質進入空調器從而影響機器運行效果。

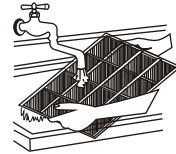
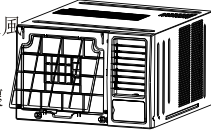
空調過濾網

請至少每兩周打開機器進風格柵檢查和清潔過濾網以維持空調器性能。



如何拆除空調過濾網：

1. 扶住空調面板，找到空調進風格柵與面框扣位，往外向上提起進風格柵，移出進風格柵。
2. 從機器上拆除并取出過濾網。
3. 清潔過濾網請使用溫的肥皂水清洗，水溫低於40°C，以避免弄壞過濾網。
4. 沖洗之後請抖掉多餘的水分，等過濾網乾了之後再裝到機器上。請不要讓過濾網暴曬。

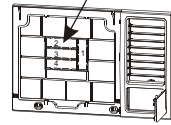


空調健康清新網

如何安裝空氣清新網：

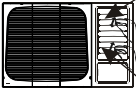
1. 按照上面操作步驟取出過濾網；
2. 按照右圖位置安裝健康清新網。

可以在下面四個位置選擇可和位置安裝。



垂直擺風角度調節(手動)

水平導風條（上）



根據實際使用需要手動調整上下水平導風條。

水平導風條（下）

排水

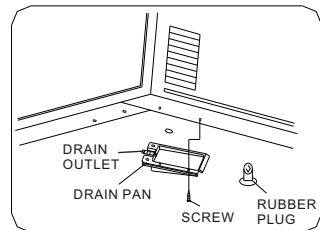
為了滿足不同的排水需求，下面三種方式可供選擇：

製冷或制熱時，可以用空調器底部的排水孔：

按照下面步驟操作：

1. 從機器底部移出橡膠塞，裝到排水孔後面。（部分機型橡膠塞是在附件中的）部分沒有橡膠塞得機型直接使用接水盤安裝。
2. 取出接水盤和螺釘（在安裝附件包中）。
3. 在機器底部安裝接水盤。
4. 將排水管連接到位於出口一側的接水盤。您可以選購排水軟管以滿足持續排水需求。

建議：T確保凝水排水順暢，請始終保持排水口暢通。

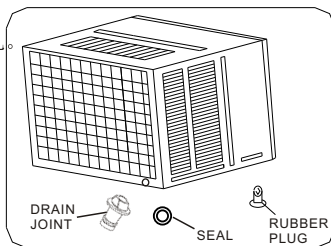


注意 選擇接水盤排水的方式可能會影響你的空調器性能。

閣下可以選擇空調背面的排水孔安裝：

請遵循下面步驟安裝：

1. 在排水接頭上固定密封圈（附件包中）
2. 從機器上拔出橡膠塞。
（如有需要）用附件包中的橡膠塞固定到機器後面的排水孔。
3. 安裝排水接口即可。
如果要移出排水接頭，轉90°旋下。



4. 使用外延的排水管
（需要當地購買）

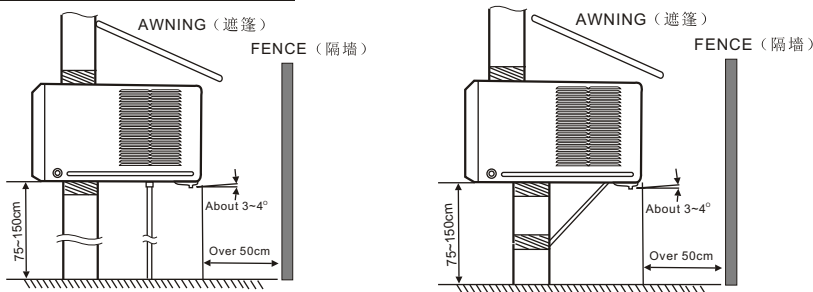
注意：選擇背部排水方式，會有空調器的打水聲音。

注意：如製冷選擇無排水，請用橡膠塞堵住後面和機器底部的排水孔。選擇無排水方式，機器的效能最優，但是機器在打水的時候聲音會比較大，不建議實際應用中採用這一方式。I

注意：請在打水的方式下進行能效測試。

安裝說明

選取最佳安裝位置



1. 為避免振動和噪音，請確保空調器安裝可靠。
2. 避免陽光直射安裝空調器。
如果無法避免陽光直射，請安裝一個遮陽篷。
3. 為了避免熱量散發，請保持空調器背面50cm的範圍內沒有諸如隔牆一類的障礙物。
4. 安裝空調器的時請保持3-4°傾斜角度，以利於冷凝水排除。
5. 請在距離地面75~150cm的高度安裝空調器。
6. 電源線必須鏈接到獨立的電路中，黃/綠織用於接地用途。

注意

各面的百葉需要安裝時不能被遮蔽。

選取最佳安裝位置

預留孔位的安裝指引

步驟1

移除產品包裝和固定螺釘，將空調器從包裝中取出。(參見安裝步驟)

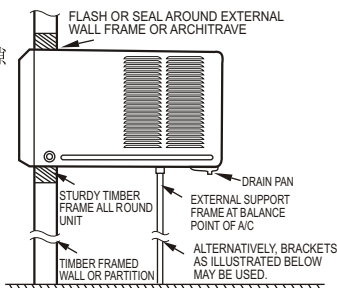
步驟2

準備安裝位置，安裝孔位支撐良好，確保頂部滿足安裝最小間隙和空調進氣百葉窗的安裝位置（A/B選項）從外部到機器的孔必須密封，安裝位置保持向後傾斜大約5mm以保證冷凝水排出。

Step 3

將空調器安裝到牆上并固定好，確保泡沫和密封件沒有損壞。

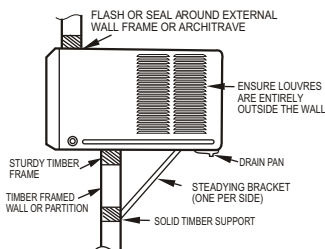
NOTE: UNIT MAY BE SUPPORTED BY A SOLID FRAME FROM BELOW OR BY A HANGER FROM A SOLID OVERHEAD SUPPORT.



Preferred method of installation into a timber framed wall, partition or window.

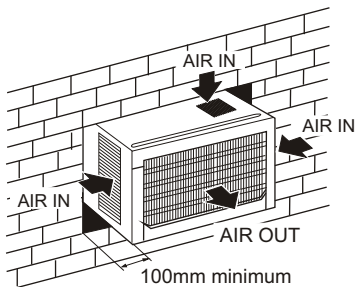
嵌入式預留孔位的安裝指引

1. 將空調器推入預留孔位，確保固定住。檢查泡沫和密封條維持原位。
2. 連接空調器的電源，將多餘的電源線長度置於空調底座下方，避免壓褶。
3. 將底盤固定托架安裝到機器底部殼體固定位置中，導軌用螺釘固定到底座上。
4. 從包裝中取出面板安裝到機器上。
5. 開機運行。檢查機器運行情況和振動情況。
6. 選擇合適位置固定接水盤。

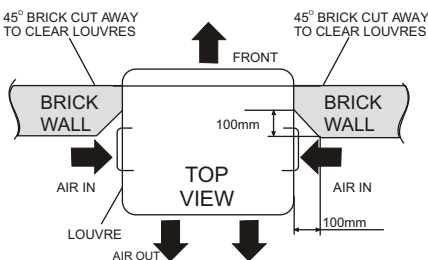


Alternative method of installation if external support cannot be provided.

牆體內安裝指引



OPTION A

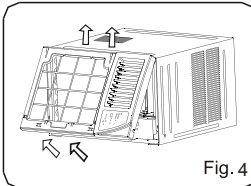
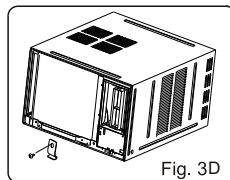
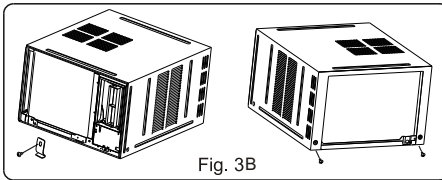
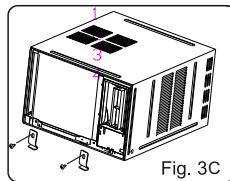
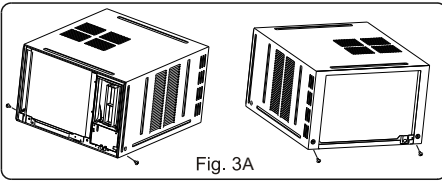
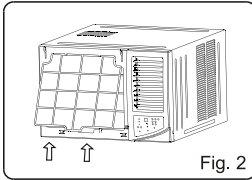
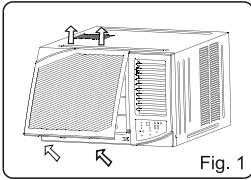


OPTION B

安裝步驟

第一步. 移出空調器前面板和濾網

1. 保持前面板下方卡槽，然後向外提升，取出前面板 (See Fig.1).
2. 按住空調器濾網下的手柄，向外往上提起，取出濾網。(See Fig.2).



步驟2. 取出面框.

1. 根據空調器結構的不同，以下分別列出不同的方式取出面框：
 - 移除位於空調器兩側和背面的四個螺釘。Fig.3A.
 - 移除空調器前面固定卡銷的螺釘，移除卡銷。移除空調器背部底盤位置的螺釘，參見Fig.3B.
 - 移除空調器左右兩個固定卡銷的螺釘，移除卡銷然後移除空調器背部底盤位置的螺釘，參見Fig.3C.
 - 移除空調器前面固定卡銷的螺釘，移除卡銷，參見 Fig.3D.
2. 抓住面框底部左角，鬆開卡位，取出面框，參見Fig.4.

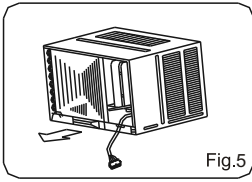


Fig.5

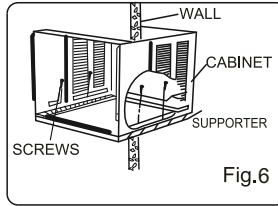


Fig.6

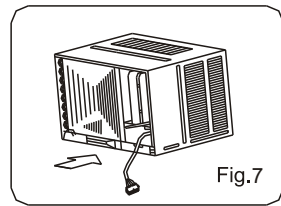


Fig.7

步驟 3. 安裝.

1. 使用底盤位置凸出的鉤手位置，向外拉出底盤。(參見 Fig.5).
2. 在開機運行前，請移除保護壓縮機運輸底盤，在推進機器進入框架前確定接水盤已經安裝好。(見 Fig.6).
3. 將底盤推入機器框架內(See Fig.7).

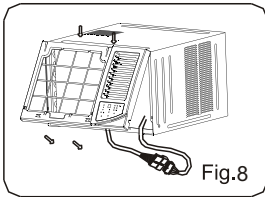


Fig.8

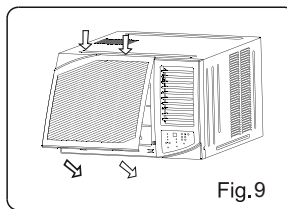


Fig.9

步驟4. 安裝面框

1. 安裝面框，連接顯示接頭，檢查安裝面框時是否影響到溫度傳感器的使用。(見 Fig.8).
2. 用螺釘固定面框 (見Fig.3A,3B,3C,3D).

步驟5. 安裝空調過濾網和前面板.

1. 從上而下安裝空調器過濾網 (見 Fig.2).
2. 對齊扣位安裝前面板，正確安裝好后可聽到"click聲音"。(見 Fig9).

故障檢修表

仔細閱讀該頁故障檢修表，然後再尋求維修中心支持，這將能為您節省時間和費用。

操作指南

- 在機器運行過程中您可能會聽到的水聲，這是冷凝水的重新用於冷卻冷凝器運行的打水聲，將有助於提高空調器工作效率。
- 壓縮機開停時候您將會聽到控制器動作的聲音。這是正常的現象。
- 在濕度較高或者雨天，水分會手機在底盤上，水滿的時溢出或者順著機器外側滴下。
- 壓縮機達溫停機的時候風機持續工作。

非正常操作

問題	可能原因	如何做
空調器無法啟動	■ 空調器沒有插上插頭。	● 檢查是否插好插頭，確保插頭正確完全的插入插座中。
	■ 保險斷開/保險燒壞。	● 檢查房間的保險/電器迴路中的保險，如損壞請及時更換。
	■ 電力故障。	● 如果是電力故障，斷電並按下插頭。當電力系統重新恢復的時候，重新上電，注意壓縮機有三分鐘延遲保護功能。
空調器製冷不足	■ 風量不足。	● 檢查是否有遮擋物遮住空調的出風口，空調出風口正面是否有毯子，家具等遮擋。
	■ 過濾網太臟。	● 至少每兩周清洗一次濾網。 參見操作部分的相關說明。
	■ 房間內溫度太高。	● 當空調器剛開機時需要一段時間才能冷卻房間的溫度。
	■ 冷空氣外漏	● 檢查房間是否漏風，盡可能讓空調器在密閉的空間內工作。
空調器冷凝器結冰	■ 冷凝器結冰。	● 見如下部分說明，改變設定風速為中風或高風，直到冰融化。
	■ 冰堵，無法製冷。	● 改變設定風速為中風或高風，直到冰融化。

參數表

機器尺寸:

型號能力段 (Btu/h)	箱體尺寸(mm) (W X H X D)
7000~9000	445X320X415
12000	450X346X535
18000~24000	660X428X680

注意: 箱體尺寸中深度尺寸D的參數供參考。

使用的電源線體最小線徑要求:

空調器的額定電流值 (A)	最小線徑 (mm ²)
>3 and ≤ 6	0.75
>6 and ≤ 10	1
>10 and ≤ 16	1.5
>16 and ≤ 25	2.5

建議的最小線號(AWG:美標線號):

空調器電流 Amps	AWG 線號
10	18
13	16
18	14
25	12
30	10

本說明書和參數供閣下參考，如有變更，恕不另行通知，煩請諮詢銷售代理和製造商詳情。