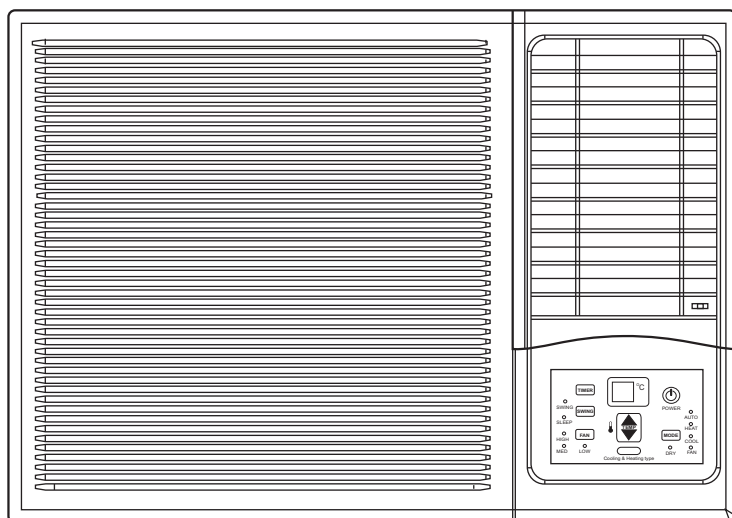


Kelvinator

Before using your air conditioner, please read
this manual carefully and keep it for future reference.

WINDOW/WALL (ELECTRONIC) - H TYPE ROOM AIR CONDITIONER

USER MANUAL



KWH20HRB
KWH26CRB
KWH26HRB
KWH39CRB
KWH39HRB

Refrigerant R410A

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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 the chart of Troubleshooting Tips first, you may not need to call for service at all.

CAUTION

- Contact the authorised service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or infirmed persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- This air conditioner should be installed in accordance with AS/NZS 3000:2000 and your electricity suppliers' rules.
- There are local council rules regarding maximum allowable noise levels emitted by air conditioners.
- If the power cord is to be replaced, replacement work shall be performed by authorised personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorised personnel only. Wrong connection can cause over heating or fire.

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

① Plug in power plug properly.

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

⊘ 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.

⊘ 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.

① Do not modify power cord length or share the outlet with other appliances.

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

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

- It may cause electric shock.

⊘ Do not direct airflow at room occupants only.

- This could damage your health.

① Always ensure effective earthing.

- Incorrect earthing may cause electric shock.

⊘ Do not allow water to run into electric parts.

- It may cause failure of machine or electric shock.

⊘ Always install product in compliance with local wiring rules and regulation

- Incorrect installation may cause fire and electric shock.

① Unplug the unit if strange sounds, smell, or smoke comes from it.

- It may cause fire and electric shock.

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

- It may cause fire and electric shock.

⊘ Do not open the unit during operation.

- It may cause electric shock.

① Do not disassemble or modify unit.

- It may cause failure and electric shock.

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

- It may cause fire and electric shock.

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

- It may cause an explosion or fire.

① Ventilate room before operating air conditioner if there is a gas leakage from another appliance.

- It may cause explosion, fire and burns.

 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 filters 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.

- There is danger of fire or electric shock.

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

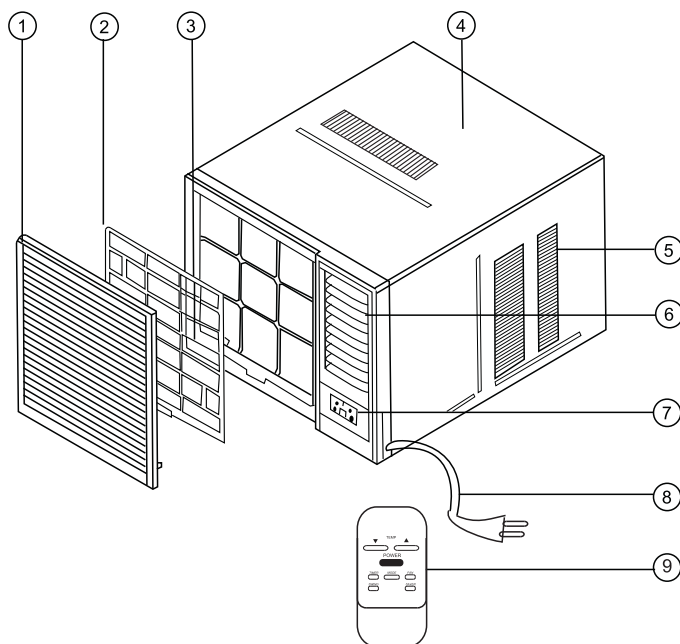
1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure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

Operating Temperature

Cooling Operation	Outdoor temp:	18-43°C(T ₁ Environment)	21-52°C(T ₃ Environment)
	Indoor temp:	18-32 °C(T ₁ Environment)	18-32°C(T ₃ Environment)
Heating Operation	Outdoor temp:	-5-24°C(T ₁ Environment)	-7-24°C(T ₃ Environment)
	Indoor temp:	0 -27 °C(T ₁ Environment)	0-30°C(T ₃ Environment)

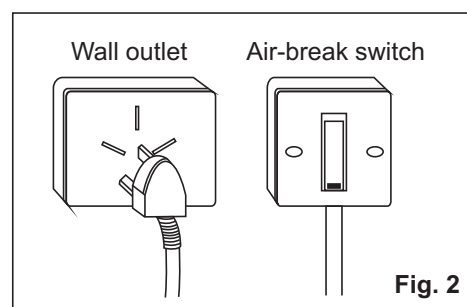
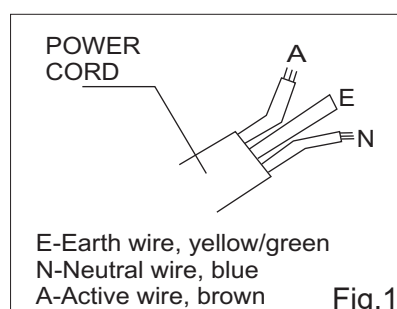
Note: Performance may be reduced outside of these operating temperatures.

UNIT PARTS IDENTIFICATION



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 and plug
9. Remote control

1. Power cord conductors are distinguished according to color as follows (see Fig.1)
2. For your safety and protection, this unit is earthed through the power cord (see Fig.2)
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.



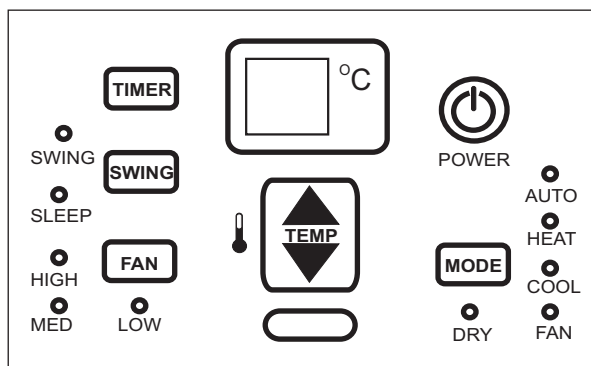
OPERATING INSTRUCTIONS

Controls

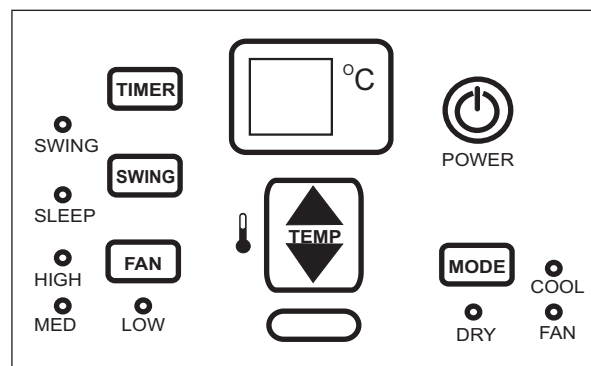
The electronic control keypad will look like one of the following:

NOTE: SWING FEATURE NOT AVAILABLE ON KWH20HRB

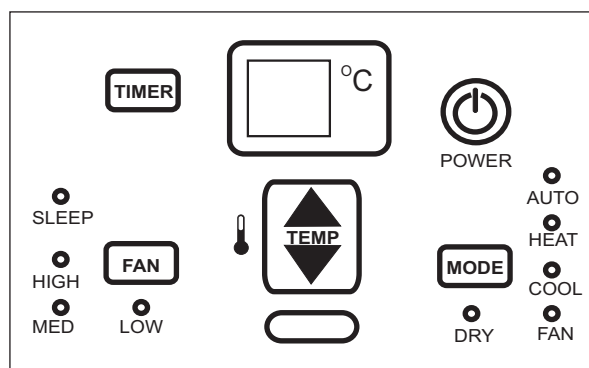
Reverse Cycle Models



Cooling Only Models



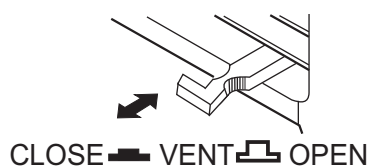
KWH20HRB Model



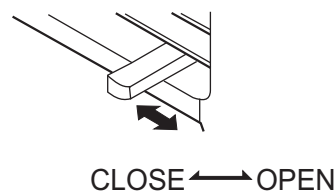
Vent Control

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.



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



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 keypad to turn the unit on/off.

(The TIMER keypad controls the auto start/stop feature of the unit.)

MODE:

Press the "MODE" keypad to select the appropriate operating mode. For the Cooling & Heating models, the mode selection will alternate between AUTO, HEATING, COOLING, FAN and DRY. For the Cooling only models, select the operating mode from COOLING, FAN and DRY. The green indicator light beside the "MODE" option will illuminate, identifying the mode selected.

When using the DRY and AUTO mode, you cannot select a fan speed. The fan motor operates on LOW speed in DRY mode and on MED speed in AUTO mode.

▲ TEMPERATURE SETTINGS UP:

Press the ▲ keypad to increase the set (operating) temperature of the unit.

Each time the keypad is pressed the temperature increases as follows:

1°C (Celsius Scale) Maximum Setting 31°C

▼ TEMPERATURE SETTINGS DOWN:

Press the ▼ keypad to decrease the set (operating) temperature of the unit.

Each time the keypad is pressed the temperature decreases as follows:

1°C (Celsius Scale) Minimum Setting 16°C

FAN:

Press this keypad to activate the appropriate fan speed setting. Each depression of the keypad will alternate through LOW, MED, HIGH fan speed options. The green indicator light beside the FAN speed option will illuminate, identifying the fan speed selected.

SWING: **NOTE: SWING FEATURE NOT AVAILABLE ON KWH20HRB**

Press the "SWING" keypad to activate the automatic air swing (oscillation) feature.

The green indicator light adjacent to the "SWING" keypad will illuminate, identifying to the selected mode is operational. The vertical louvers will oscillate back and forth (side to side) automatically sweeping air alternately for comfortable cooling/heating. To stop the air swing feature, press the "SWING" keypad again, the green indicator light adjacent to the keypad will go off.

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

Note: Swing feature is not available on KWH20HRB control panel, use remote control for activating the SLEEP mode. For SLEEP MODE activation please refer to remote control feature on page 9.

When the SLEEP mode is activated, the green indicator light beside the "SLEEP" function will illuminate.

TIMER:

Press the "TIMER" keypad to activate the "auto start/auto stop" timer function.

Auto start/stop programs can be set from 0~12 hours. Each depression of the "TIMER" keypad will increase the selected time in 1 hour increments.

DRY:

In the Dry mode, the air conditioner will generally operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.

COOLING:

The temperature setting are adjustable between 16°C to 31°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 not stop running.

HEAT:

The temperature settings are adjustable between 16°C to 31°C in heating mode. The default temperature setting is 24°C in heating mode and the fan speed is optional.

- Notes:**
1. When changing the temperature setting, the fan motor operates at LOW speed for 3 minutes first for compressor protection feature before heating begins.
 2. When heating stops, there may be a slight delay of 30 seconds for the fan motor to stop.
 3. If the condenser temperature is below 35°C, the fan will run in LOW speed despite the FAN setting.
If the condenser temperature is above 38°C, the fan will run at the FAN setting.
 4. If the compressor is shut down by a malfunction, the fan will immediately shut down with the compressor.

AUTO:

The fan motor remains on MED speed in AUTO mode. The unit will select the appropriate operating mode from FAN, COOL or HEAT based upon the temperature difference between the actual and desired room temperature. If the actual room temperature is 2°C above the set point, the unit operates in cooling 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 select the FAN mode. When the actual room temperature is 2°C below the set point, the unit will operate in HEAT mode.

Note: If activating the SLEEP mode when the unit is operating on AUTO mode, the fan motor will changed into LOW speed mode immediately.

SLEEP:

Press and hold the "SWING" keypad for 2 seconds or use the remote control to activate the "SLEEP" feature . Press and hold the "SWING" keypad or use the remote control again for 2 seconds to deactivate the "SLEEP" feature. In the Cooling mode, the cooling temperature set point will increase 1°C per hour after the "SLEEP" mode is selected. Two hours later, the set point will continue at this temperature and the fan motor will remain on LOW speed. In the Heating mode, the heating temperature set point will decrease 1°C per hour after the "SLEEP" mode is selected. Two hours later, the set point will continue at this temperature and the fan motor will remain on LOW speed. Using the "SLEEP" mode will reduce noise creating a comfortable sleeping environment.

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

Note: *Swing feature is not available on KWH20HRB control panel, use remote control for activating the SLEEP mode. For SLEEP MODE activation please refer to remote control feature on page 9.*

OPERATING INSTRUCTIONS CONTINUED

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.

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

REMOTE CONTROL FEATURES:

The hand held remote control unit allows you to control all operational aspects of your Air Conditioner, from the convenience of your favorite armchair. Here are some things you should know about operation your Air Conditioner with the hand held remote control.

▲▼ TEMP:

Increases / Decreases operating "TEMPERATURE" only.

POWER:

Turns the power to the main unit "on/off" only.

MODE:

Activates the "AUTO" (if applicable), "HEAT" (if applicable), "COOL", "FAN" or "DRY" function.

TIMER:

Activates the "auto START" or "auto STOP" program from 0-12 hours (1 hour increments).

SLEEP:

Activates the "SLEEP" mode.

SWING: **NOTE: SWING FEATURE NOT AVAILABLE ON KWH20HRB**

Activates the automatic air "SWING" (vertical) louver oscillation) feature.

FAN:

Activates the "FAN" speed settings (HIGH, MED, LOW).

Batteries:

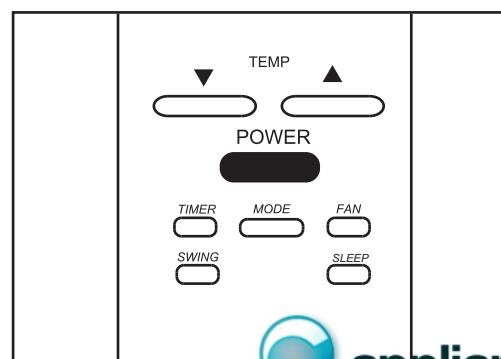
To operate the hand held remote control, you will require two "AAA" 1.5Volt batteries (included).

NOTE: Batteries should be replaced when:

- a) No signal (beep) is heard from the main unit when initiating program commands from the remote control to the main unit.
- b) The main unit does not respond to the remote control program commands.

Battery Replacement:

- 1) Slide the lower (battery) cover down (Located on rear of remote control unit).
- 2) Insert two "AAA" Batteries inside the battery chamber (as depicted inside the battery chamber).
- 3) Re-install lower battery cover.
- 4) If the remote control is not being used for extended time periods, (vacation, off season) the batteries should be removed from the remote control unit.



Remote Control Operating Instructions:

The hand held remote control unit operates within a range of 7 metres (23ft) from the receiver located inside the main unit. Any obstruction between the receiver and hand held remote may cause signal interference, limiting the ability to program the main unit.

Each time a remote control button is pressed, a beep will sound indicating a command (signal) is transmitted and received on the main unit. When the command is received, the appropriate function will be displayed (temporarily) in the LED display window and the green indicator light corresponding to the selection mode will illuminate the main control panel.

(**NOTE:** the LED display will default to show the ambient room temperature within 10 seconds of all program commands).

POWER:

To turn the (air conditioner) power on/off, aim the remote control at the receiver (window) on the main unit and press the "POWER" button.

MODE:

Press the "MODE" button to select either "AUTO", "HEATING", "COOLING", "FAN" or "DRY" mode (Cooling & Heating model) or "COOLING", "FAN" or "DRY" mode (Cooling only model).

SET COOLING/HEATING/AUTO TEMPERATURE:

Press the "TEMP" (up/down) buttons to select (increase/decrease) the required operating temperature,

the selected temperature will appear (temporarily) in the LED display.

The temperature settings are adjustable between 16°C to 31°C.

FAN:

Press the "FAN" button to select the required operating fan speed (HIGH, MED or LOW).

SWING: *NOTE: SWING FEATURE NOT AVAILABLE ON KWH20HRB*

Press the "SWING" button to activate the swing feature (the vertical louvres will oscillate automatically from side to side). Press the "SWING" button again to deactivate the "SWING" feature.

TIMER:

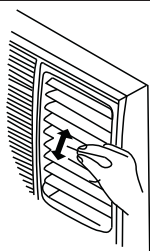
Press the "TIMER" button to activate the "auto start/auto stop" timer function. Auto start/stop programs can be set from 0~12 hours. Each depression of the "TIMER" button will increase the selected time in 1 hour increments.

SLEEP:

In the Cooling mode, the cooling temperature set point will increase 1°C per hour after the "SLEEP" mode is selected. Two hours later, the set point will continue at this temperature and the fan motor remain on LOW speed. In the Heating mode, the heating temperature set point will decrease 1°C per hour after the mode is selected. Two hours later, the set point will continue at this temperature and the fan motor remain on LOW speed. Using the "SLEEP" mode will reduce noise creating a comfortable sleeping environment.



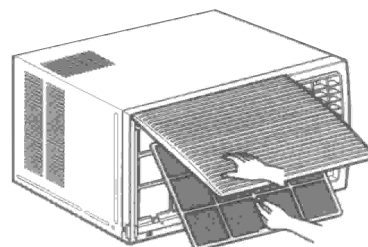
Vertical air flow adjustment (manually)



To adjust vertical air flow direction, adjust any one of the horizontal louvre blades. When adjusting the horizontal louver blades up or down, always keep the top or bottom blades horizontal. This can effectively prevent water droplets condensing on the front panel of the unit.

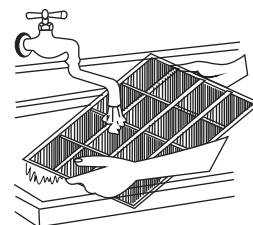
Air Filter

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 slot 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.



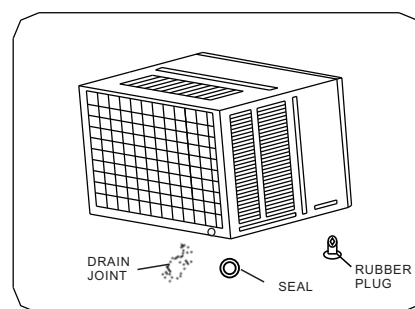
Drainage

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

For Cooling Only Models:

You can choose back drainage or non-drainage. See the following procedures to perform back drainage:

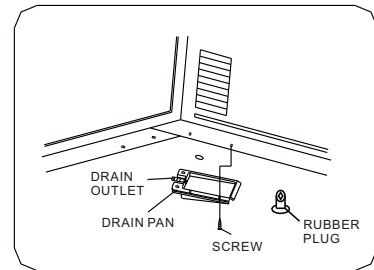
1. Fit the seal onto the drain joint (which provided with your air conditioner accessory).
2. Remove the rubber plug from the back of the unit.
3. Attach the drain joint to the back of the cabinet where you remove the plug and rotate 90° to securely assemble them.
4. Connect the drain joint with a extension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



For Reverse Cycle Models:

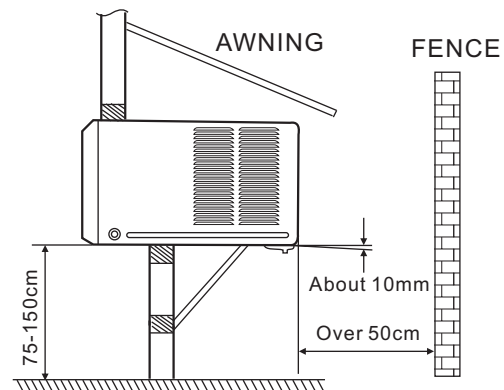
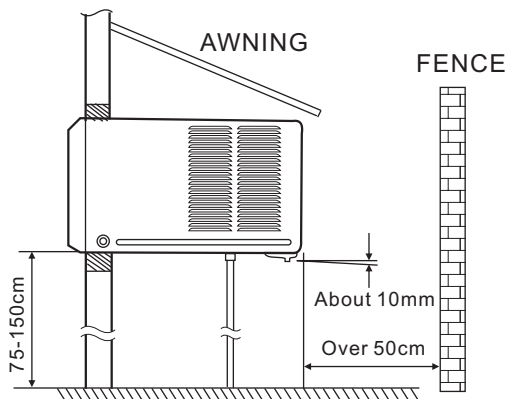
You can choose bottom drainage . See the following procedures to perform bottom drainage:

1. Take out the drain pan and screws (which provided with your air conditioner accessory).
2. Install the drain pan at the bottom of the unit and secure with screws provide.
3. Connect the drain hose to the outlet located at one side of the drain pan. You can purchase the drain hose or tubing locally to satisfy your particular needs (Drain hose is not supplied)



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 10mm or 1/4 bubble 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).

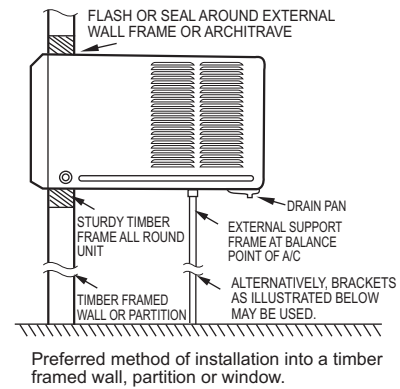
Step 2

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

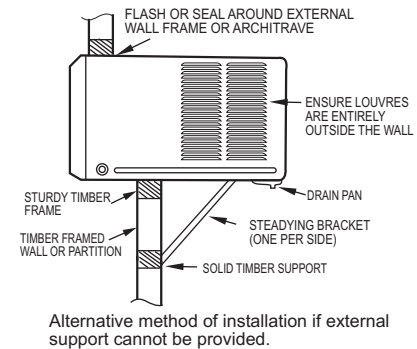
Install the housing into the wall and secure. Ensure the foam seals are not damaged. Flash, seal or fill gaps around the inside and outside to provide satisfactory appearance and protection against the weather, insects and rodents.

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

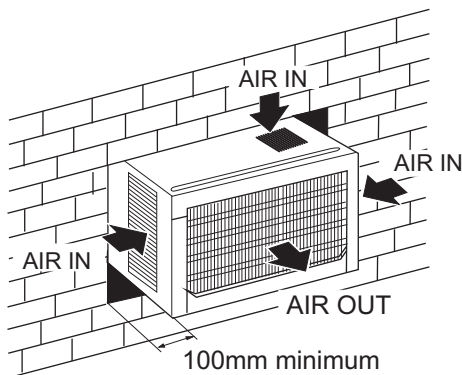


Installation of the unit into the Housing

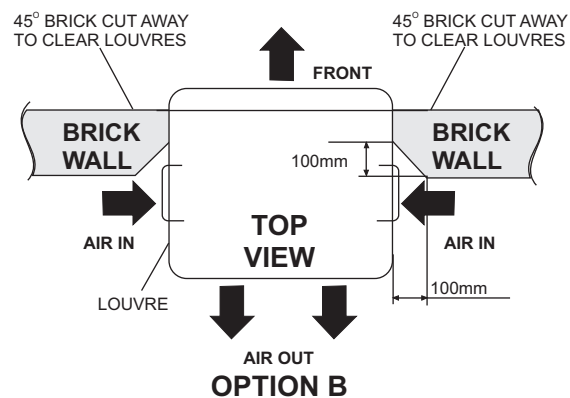
1. Slide the unit into the housing until it is firmly against the rear of the housing. Care is required to ensure the foam sealing strips on the housing remain in position.
2. Connect the air conditioner to the power and position excess cord length beneath the air conditioner base.
3. Engage the chassis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



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).

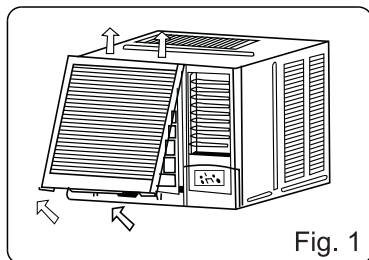


Fig. 1

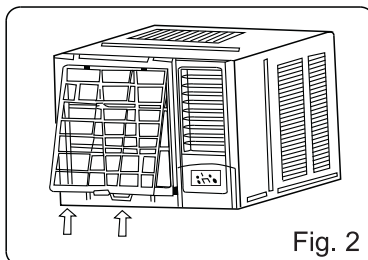


Fig. 2

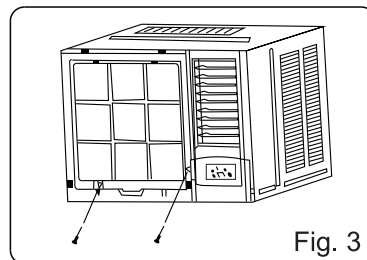


Fig. 3

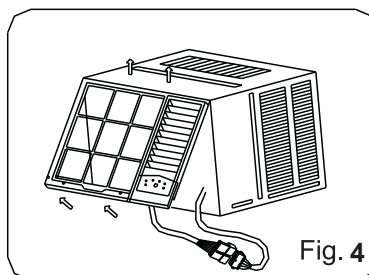


Fig. 4

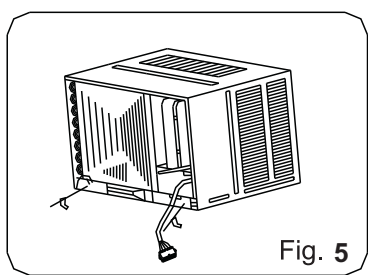


Fig. 5

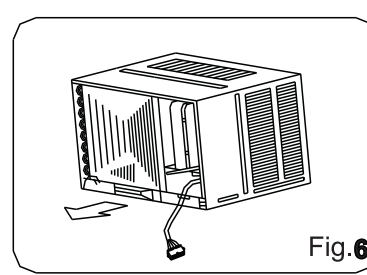


Fig. 6

Step 2. Remove the frame.

1. Remove the two fixing screws from the frame (See Fig.3).
2. Grasp the left corner of the frame's underside, release the coupler plugs, then loosen the frame (See Fig.4).

Step 3. Installation.

1. Remove the two fixing screws on the chassis fixing brackets, then remove the chassis fixing brackets (See Fig.5).
2. Grasp the handle on the chassis and carefully slide the air conditioner out of the cabinet (See Fig.6).
3. Make sure the discharge points to the drain pan are aligned before the chassis is pushed into the cabinet (See Fig.7).
4. Push the unit chassis into the cabinet (See Fig.8).
5. Install the two chassis fixing brackets using the two fixing screws (See Fig.5).

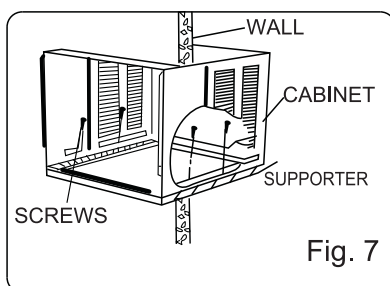


Fig. 7

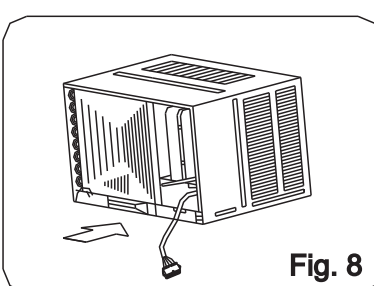


Fig. 8

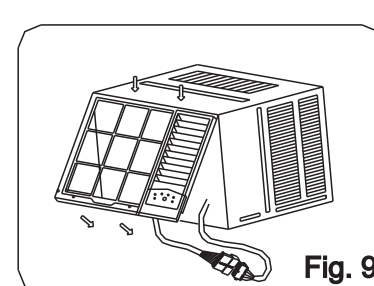


Fig. 9

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.9).
2. Fix the screws on the frame (See Fig.3).

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 Fig.10).

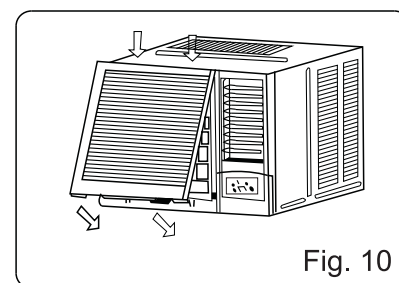


Fig. 10

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	■ The air conditioner is unplugged.	● Make sure the air conditioner plug is pushed completely into the outlet and switched on.
	■ The fuse is blown/circuit breaker is tripped.	● Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	■ Power failure.	● 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	■ Airflow is restricted .	● Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner.
	■ The air filter is dirty.	● Clean the filter at least every 2 weeks. See the operating instructions section.
	■ The room may have been hot.	● When the air conditioner is first turned on you need to allow time for the room to cool down.
	■ Cold air is escaping.	● Check for open furnace floor registers and cold air returns. ● Set the air conditioner's vent to the closed position.
	■ Cooling coils have iced up.	● See Air Conditioner Freezing Up below.
Air conditioner freezing up	■ Ice blocks the air flow and stops the air conditioner from cooling the room.	● 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)
≤9000(2.6 kw)	452x342x550
9000(2.6 kw)<Model≤12000(3.5 kw)	600x380x560
12000(3.5 kw)<Model≤18000(5.3 kw)	660x430x687
>18000(5.3 kw)	660x428x770

Minimum nominal cross-sectional area of conductors:

Rated current of appliance (A)	Nominal cross-sectional area (mm²)
>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

Electrolux Warranty

FOR SALES IN AUSTRALIA AND NEW ZEALAND
APPLIANCE: [ELECTROLUX KELVINATOR WINDOW WALL AIR
CONDITIONER]

This document sets out the terms and conditions of product warranties for Electrolux branded appliances. It is an important document. Please keep it with your proof of purchase documents in a safe place for future reference should you require service for your Electrolux appliance.

General Terms and Conditions

1. In this warranty
 - (a) 'Electrolux' means Electrolux Home Products Pty Ltd ABN 51 004 762 341 in respect of Appliances purchased in Australia and Electrolux (NZ) Limited in respect of Appliances purchased in New Zealand;
 - (b) 'Appliance' means any Electrolux product purchased by you accompanied by this document;
 - (c) 'Warranty Period' means
 - (i) where you use the Appliance for personal, domestic or household purposes in Australia the period of "24" months and in New Zealand the period of "24" ;
 - (ii) where you use the Appliance for commercial purposes, in Australia the period of "24" months and in New Zealand the period of "24" months, (if the period stated is 0 months you are not covered by this product warranty)
 - (iii) for Air conditioner accessories that are supplied as part of an Appliance by Electrolux the period of 12 months;following the date of original purchase of the Appliance;
 - (d) 'you' means the purchaser of the Appliance not having purchased the appliance for re-sale, and 'your' has a corresponding meaning.
2. This warranty only applies to Appliances purchased and used in Australia or New Zealand and is in addition to (and does not exclude, restrict, or modify in any way) any non-excludable statutory warranties in Australia or New Zealand.
3. Electrolux warrants that, when dispatched from an Electrolux warehouse, the Appliance is free from defects in materials and workmanship for the Warranty Period.
4. During the Warranty Period Electrolux or its Authorised Service Centre will, at no extra charge if your appliance is readily accessible without special equipment, and subject to these terms and conditions, repair or replace any parts which it considers to be defective. You agree that any replaced Appliances or parts become the property of Electrolux. This warranty does not apply to light globes, batteries, filters or similar perishable parts. Electrolux or its ASC may use reconditioned parts to repair your appliance.
5. Parts and Appliances not supplied by Electrolux are not covered by this warranty.
6. Where you are within an Electrolux service area, this warranty covers the cost of transport of the Appliance to and from Authorised Service Centres of Electrolux and travelling costs for representatives of the Authorised Service Centre to and from your home or business. If you are outside an Electrolux service area, you will bear these costs. For information about whether you are within an Electrolux service area, please phone 13 13 49 in Australia, or 0800 10 66 10 in New Zealand.

7. Proof of purchase is required before you can make a claim under this warranty.
8. You may not make a claim under this warranty unless the defect claimed is due to faulty or defective parts or workmanship. Electrolux is not liable in the following situations (which are not exhaustive):
 - (a) The Appliance is damaged by:
 - (i) accident
 - (ii) misuse or abuse, including failure to properly maintain or service
 - (iii) normal wear and tear
 - (iv) power surges, electrical storm damage or incorrect power supply
 - (v) incomplete or improper installation
 - (vi) incorrect, improper or inappropriate operation
 - (vii) insect or vermin infestation.
 - (b) The Appliance is modified without authority from Electrolux in writing.
 - (c) The Appliance's serial number or warranty seal has been removed or defaced.
 - (d) The Appliance was serviced or repaired by anyone other than Electrolux or its Authorised Service Centres.
9. This warranty, the contract to which it relates and the relationship between you and Electrolux are governed by the law applicable in the Australian State where the Appliance was purchased or the law applicable in New Zealand if the Appliance was purchased in New Zealand. Where the Appliance was purchased in New Zealand for business purposes the Consumer Guarantee Act does not apply.

Limitation of Liability

10. To the extent permitted by law:
 - (a) Electrolux excludes all warranties other than as contained in this document;
 - (b) Electrolux shall not be liable for any loss or damage whether direct or indirect or consequential arising from your purchase, use or non-use of the Appliance.
11. Provisions of the Trade Practices Act and State consumer legislation in Australia, and the Consumer Guarantees Act, the Sale of Goods Act and the Fair Trading Act in New Zealand, imply warranties or conditions, or impose obligations, upon Electrolux which cannot be excluded, restricted or modified. To the extent permitted by law, the liability of Electrolux (if any) arising out of or in relation to the Appliance or any services supplied by Electrolux shall be limited (where it is fair and reasonable to do so):
 - (a) in the case of Appliances, at its option, to the replacement or repair of the Appliances or the supply of equivalent products or the payment of the cost of replacing the Appliances or having the Appliances repaired or of acquiring equivalent Appliances. Upon being replaced, parts and Appliances become the property of Electrolux; or
 - (b) in the case of services, at its option, to the supply of the services again or the payment of the cost of having the services re-supplied;and in the case of Appliances or services supplied in New Zealand, loss or damage whether direct or indirect or consequential that is reasonably foreseeable.

Privacy

You acknowledge that in the event that you make a warranty claim it will be necessary for Electrolux and its Authorised Service Centres to exchange information in relation to you to enable Electrolux to meet its obligations under this warranty.

Important Notice

Before Calling a Service Technician please check carefully the operating instructions, service booklet and the warranty terms and conditions.

FOR SERVICE OR TO FIND THE ADDRESS OF YOUR NEAREST STATE SERVICE CENTRE IN AUSTRALIA Please call 13 13 49 For the cost of a local call (Australia only)	SERVICE AUSTRALIA  Electrolux ELECTROLUX HOME PRODUCTS	FOR SPARE PARTS OR TO FIND THE ADDRESS OF YOUR NEAREST STATE SPARE PARTS CENTRE IN AUSTRALIA Please call 13 13 50 For the cost of a local call (Australia only)
FOR SERVICE OR TO FIND THE ADDRESS OF YOUR NEAREST AUTHORISED SERVICE CENTRE IN NEW ZEALAND Free call 0800 10 66 10	SERVICE NEW ZEALAND  Electrolux ELECTROLUX HOME PRODUCTS	FOR SPARE PARTS OR TO FIND THE ADDRESS OF YOUR NEAREST SPARE PARTS CENTRE IN NEW ZEALAND Free call 0800 10 66 20