



USER MANUAL Inverter Window Heat Pump

804106850

Warning notices: Before using this product, please read this manual carefully and keep it for future reference. For additional support, please contact a service center.

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

Read This Manual

Inside you'll 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 troubleshooting tips - you should be able to fix most of them quickly before calling service. These instructions may not cover every possible condition of use, so common sense and attention to safety is required when installing, operating and maintaining this product.

CAUTION

- For support, please Contact a Service Center.
- This appliance is not intended for use by people (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.
- Children should be supervised to ensure that they do not play with the appliance.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not operate your air conditioner in a humid room such as a bathroom or laundry room.

SAFETY PRECAUTIONS

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

WARNING

This symbol indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

This symbol indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.

NOTICE

This symbol addresses practices not related to physical injury.

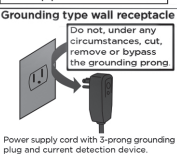
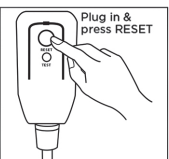
WARNING

- Be sure the air conditioner has been securely and correctly installed according to the installation instructions in this manual. Save this manual for possible future use in removing or installing this unit.
- Plug in power cord plug properly. Otherwise, it may cause electric shock or fire due to excess heat generation.
- Do not modify power cord length or share the outlet with other appliances as it may cause electric shock or fire due to overheating.
- Always ensure effective grounding.
- Incorrect grounding may cause electric shock.
- Unplug the unit if you notice unusual sounds or smells or smoke coming from it.
- A damaged product may cause fire and electric shock.
- Ventilate room before operating the air conditioner if there is a gas leakage from another appliance.
- Do not operate or stop the unit by inserting or pulling out the power cord plug.
- Do not operate with wet hands or in very humid environments.
- It may cause electric shock.
- Do not allow water to come into contact with any electric parts.
- It may cause failure or electric shock.
- Do not use the socket if it is loose or damaged.
- It may cause fire and electric shock.
- Do not use or keep the power cord close to heating appliances.
- It may cause fire and electric shock.
- Do not use any devices or materials for installation that are not recommended in this manual.
- Do not disassemble or modify unit.
- It may cause failure and electric shock.
- Do not damage or use an alternate power cord.
- It may cause fire and electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorized service center or a similarly qualified person in order to avoid a hazard.
- Do not direct airflow straight into persons to avoid possible health hazard.
- Do not open the unit during operation.
- It may cause 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.
- Do not let children hang on the air conditioner or bracket.
- A serious injury may occur.
- Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prongs from the power cord.
- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle. Ensure the receptacle is accessible after the unit installation.
- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
- Do not drink the drain water. It may contain mold and bacteria that can lead to death if ingested.

CAUTION

- When the air filter is to be removed, do not touch the metal parts of the unit. It may cause injury.
- When the unit needs cleaning, switch off, and turn off the circuit breaker.
- Do not clean unit when power is on as it may cause fire, electric shock or injury.
- Do not place obstacles around air inlets or inside of air outlet.
- It may cause failure or accident.
- Clean with a soft cloth only. Do not use strong detergents that contain wax or thinners as it may damage the product.
- Use caution when unpacking and installing. Sharp edges could cause injury.
- Do not clean the air conditioner with water.
- Water may enter the unit and degrade the insulation which could lead to electric shock.
- Do not put a pet or house plant where it will be exposed to direct air flow.
- This could injure the pet or harm the plant.
- Hold the plug by the head of the power plug when taking it out.
- Otherwise, it may cause electric shock and damage.
- Ensure that the installation is properly secured to prevent the product from potentially falling.
- Do not place heavy objects on the power cord and ensure that the cord is not compressed.
- Otherwise, there is danger of fire or electric shock.
- If water is spilled on the unit, turn off the unit and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.
- Do not use near gas stove or other gas burning appliances, as air flow may affect gas combustion.
- Do not use for any purpose other than room comfort.
- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration.
- Turn off the main power switch if the unit is not to be used for an extended time.
- Always insert the filters securely. Clean filter once every two weeks.
- Operation without filters may cause failure.

Operation of Current Device



NOTICE

The power supply cord with this air conditioner contains a current detection device designed to reduce the risk of fire.

In the event that the power supply cord is damaged, it can not be repaired. It must be replaced with a cord from the manufacturer.

NOTICE

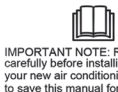
- Do not use this device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply cord must be replaced if it fails to reset when either the TEST button is pushed, or it can not be reset. Please contact a service center.

EXPLANATION OF SYMBOLS DISPLAYED ON THE UNIT

	WARNING	This symbol shows that this appliance used a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available such as the operating manual or installation manual.

WARNING

- Do not try to accelerate the defrosting process or methods of cleaning that are not recommended by the manufacturer.
- The appliance shall be stored in a room without a continuously operating ignition source (for example, open flames or an operating gas appliance) or an ignition source (for example, an operating electric heater) close to the appliance. The appliance shall also be stored in a room without ignition sources.
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odor.
- Keep ventilation openings clear of obstruction.
- Unit is only to be serviced by a Midea authorized servicer, please contact a service center.
- Flammable refrigerant R32 is used within air conditioner. Please follow the instructions carefully to handle, install, clean, and service the air conditioner to avoid damage or hazard. Do not dispose of air conditioner in regular trash. Contact qualified agency for proper disposal.
- No open fire or devices that generate spark/arcing shall be around the air conditioner to avoid causing ignition of the flammable refrigerant used. Please follow the instructions carefully to store or maintain the air conditioner to prevent mechanical damage from occurring.



INSTALLATION INSTRUCTIONS

WARNING - Before You Begin

Read these instructions completely and carefully.

- IMPORTANT - Save these instructions.
- IMPORTANT - Observe all governing codes and ordinances.

We recommend that two people install this product.

Proper installation is the responsibility of the installer.

Product failure due to improper installation is not covered under the Limited Warranty.

You MUST use all supplied parts and use proper installation procedures as described in these instructions when installing this air conditioner.

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

Do not change the plug on the power cord of the air conditioner.

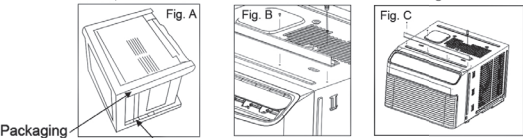
Aluminum house wiring may present special problems - consult a qualified electrician.

When handling the air conditioner, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils. Please wear cut-resistant gloves.

Bracket should only be used for its intended purpose. If not, the warranty will be voided.

Before installing unit, the top rail must be assembled on the unit.

- A: Remove the air conditioner from the carton and place on a flat surface.
- B: Remove top rail from the rear of the packaging material as shown in Fig. A.
- C: Align the hole in the top rail with those in the top of the unit as shown in Fig. B.
- D: Secure the top rail to the unit with the Screws as shown in Fig. C.



Installation LEFT + RIGHT FILLER PANEL ASSEMBLY

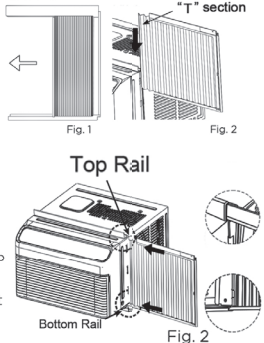
NOTICE

Top Rail and Side Panels at each side are offset to provide the proper pitch to the rear of (5/16"). This is necessary for proper condensed water utilization and drainage. If you are not using the Side Panels for any reason, this pitch to the rear must be maintained!

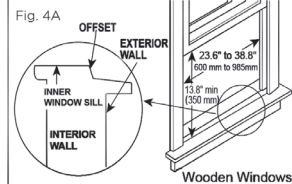
1. Install Side Filler Panels

Place unit on floor, a bench or a table. There is a left and right side filler panels - be sure to use the proper panel for each side. When installed, the flange for securing the panel in place to the window sill will be facing into the room.

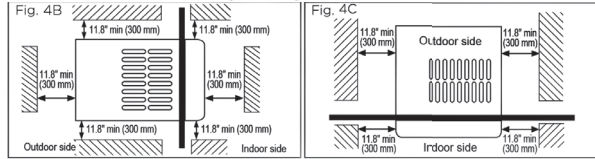
- A. Hold the side panel in one hand and gently pull back the center to free the open end. See Fig. 1.
- B. Slide the free and "T" section of the panel directly into the cabinet as shown in Fig. 2.
- Slide the panel down. Be sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet.
- C. Once the panel has been installed on the side of the cabinet, make sure it sits securely inside the frame channel by making slight adjustments. Slide the top and bottom ends of the frame into the top and bottom rails of the cabinet. Fig. 3.
- D. Slide the panel all the way in and repeat on the other side.



Your air conditioner is designed to install in standard double hung windows with opening widths of 23.6 to 38.8 inches (600 mm to 985mm) (Fig. 4A). Lower sash must open sufficiently to allow a clear vertical opening of 13.8 inches (350 mm).



Side louvers and the rear of the air conditioner must have clear air space to allow enough airflow through the condenser, for heat removal. The rear of the unit must be outdoors, not inside a building or garage. There should be at least 11.8 inches (300 mm) clearance around the unit. See Fig. 4B & Fig. 4C.



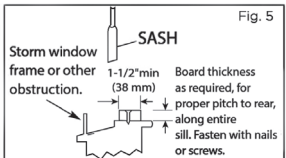
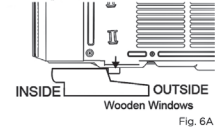
2. Storm Window

If the air conditioner is blocked by Storm Window, add wood as shown in Fig. 5, or remove storm window before air conditioner is installed.

If Storm Window Frame must remain, be sure the drain holes or slots are not caulked or painted shut. Accumulated Rain Water or Condensation must be allowed to drain out.

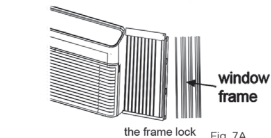
3. Place the Unit Into the Window

Keep a firm grip on the air conditioner, carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig. 6A).



4. Extend the Side Panels

Extend the side panels out against the window frame (Fig. 7A for wooden windows).



5. Install the Frame Lock

Place the frame lock between the frame extensions and the window sill as shown (Fig. 8A for wooden windows).



6. Drive Locking Screws

A: For wooden windows:

Drive locking screws through the frame lock and into the window sash (Fig. 9B).

NOTICE

Before driving the screws, use a drill to drill 5 holes through the holes in the frame lock and frame extensions into the windows sash as shown (Fig. 9B).

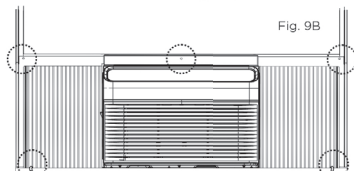
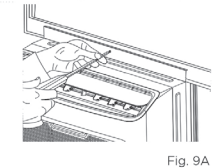
B: For Vinyl-Clad windows:

Drive locking screws through the frame lock and into the sill (Fig. 9A).

NOTICE

To prevent window sill from splitting, drill pilot holes before driving screws.

Drive locking screws through frame holes into window sash (Fig. 9B).



7. Secure Lower Sash

A: To secure lower sash in place, attach right angle sash lock with screw as shown (Fig. 10).

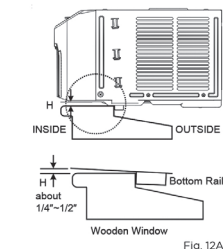


B: Cut foam window seal and insert it into the space between the upper and lower sashes (Fig. 11).



8. Check Installation

Check that air conditioner is tilted back about 1/4" to 1/2" (tilted about 2° to 4° downward to the outside, see Fig. 12A). After proper installation, condensate, should not drain from the overflow drain hole during normal use, correct the slope otherwise.

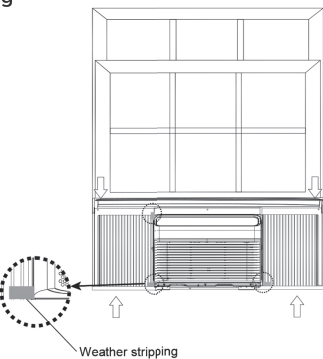


9. Suitable Weather Stripping

In order to minimize air/light leaks between the room air conditioner and the window opening, suitable weather stripping (trim the provided weather stripping into suitable size) should be applied in case of any gaps found at the location as indicated by the arrows in Fig. 13.

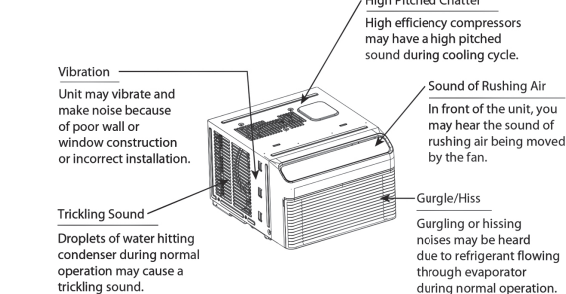
Removing the air conditioner from Window

- Turn the air conditioner off, and disconnect power cord.
- Remove sash seal from between windows, and unscrew sash lock.
- Remove screws installed through frame and framelock.
- Remove the insulation panel and close (slide) side panels into frame.
- Keeping a firm grip on air conditioner, raise sash and carefully remove.
- Be careful not to spill any condensate water while lifting unit from window. Store parts WITH air conditioner.



OPERATING INSTRUCTIONS

Normal Sounds



NOTICE

All the illustrations in this manual are for explanation purpose only. The actual installation may vary.

Air Conditioner Features

WARNING

To reduce the risk of fire, electrical shock, or injury to people or property, read the SAFETY PRECAUTIONS before operating this appliance.

Cooling Operation	Outdoor temp.: 64°F - 109°F / 18°C - 43°C
	Indoor temp.: 60°F - 90°F / 16°C - 32°C
	Outdoor temp.: 39°F - 75°F / 4°C - 24°C
Heating Operation	Indoor temp.: 39°F - 80°F / 4°C - 27°C

NOTICE

- The relative humidity of the room should be less than 80%. If the unit is used in a condition with a relative humidity over 80%, there will be condensed water on the surface of the unit.
- Performance may be reduced outside of these operating temperatures.

NOTICE

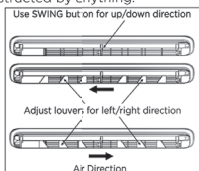
Always wait 3 minutes when turning the unit off and then on again, or when changing from cool to fan and back to cool. This prevents damage from occurring to the compressor.

To begin operating the air conditioner, follow these steps:

- Plug in the air conditioner (be sure to follow the power cord instructions).
- Turn the power on to the air conditioner, using the ON/OFF button.
- Set the thermostat to the coldest temperature setting.
- Select the Cool mode setting.
- Adjust the louver for comfortable air flow (see Air Directional Louvers).
- Once the room has cooled, adjust the thermostat to the setting you find most comfortable.
- Make sure the air flow inside and outside is not obstructed by anything.

Air Directional Louvers

The louvers will allow you to direct the air flow up or down (on some models) and left or right throughout the room as needed. Use the SWING button until the desired up/down direction is obtained. Move the louvers from side to side until the desired left/right direction is obtained.



PRINTED IN MEXICO

Elbrd: A.M
SC: 09-02-2022_TAB
MODEL:MAW12HV1CWT
OBPN: 16120600A22880



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