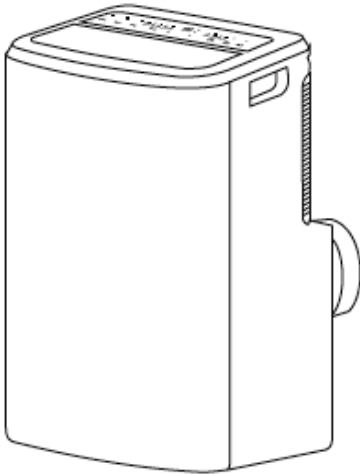


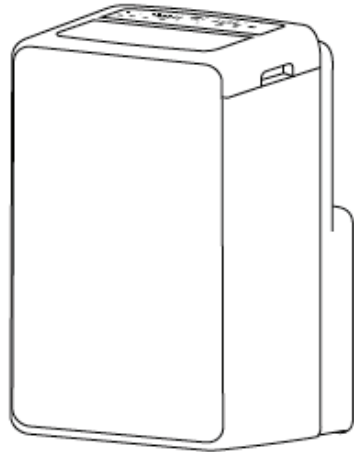


INSTALLATION & OPERATIONS MANUAL

MOBILE ROOM AIR CONDITIONER



KSTAP08MFC
KSTAP10MFC



KSTAP13MFC
KSTAP13MFHC

CONTENTS

| | |
|------------------------------|----|
| Air Conditioner Safety | 2 |
| Parts Description | 6 |
| Control Panel | 7 |
| Operation | 10 |
| Accessories | 11 |
| Installation | 12 |
| Maintenance | 17 |
| Troubleshooting | 18 |

Note: The descriptions in this user manual (text and figures) may vary slightly from the model you purchased.

AIR CONDITIONER SAFETY

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages to avoid harm or damage to people, properties, etc.

WARNING

This symbol indicates the possibility of death or serious injury.

CAUTION

This symbol indicates the possibility of injury or damage to properties

WARNING

- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities or lack experience and knowledge, unless they have been given supervision or instruction concerning the use of appliance by a person responsible for their safety.
- This unit is designed for indoor use only.
- The air conditioner must be grounded. Incomplete grounding may result in electric shocks.
- The unit must be placed on the horizontal ground to prevent tilting and sliding.
- A grounded breaker (check the product rating) time-delay fuse or circuit breaker with rated capacity must be installed to avoid possible electric shocks.
- Do not install the air conditioner in a place where there is flammable gas or liquid.
- If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person.
- The specification of the fuse are printed on the circuit board, 115V/Hz.
- Do not touch the louvers.
- Do not attempt to repair the air conditioner by yourself.
- In a lightning storm, please cut off the primary power supply switch in order to prevent the machine from damage.

AIR CONDITIONER SAFETY

- Do not use a liquid or corrosive detergent to clean the appliance and do not splash water or other liquids onto it, otherwise it may damage the plastic components, even causing electric shocks.
- Do not operate the unit in a wet room such as the bathroom or laundry rooms.
- Do not touch the unit with wet or damp hands or when barefoot.
- If your air conditioner is not fitted with a supply cord and a plug, an all-pole switch must be installed in the fixed wiring, and the distance between contact should be no less than 3.0 mm (do not use an extension cord.)
- Do not pull the unit by the cord.
- Do not remove any part of the unit unless instructed by an authorized technician.
- Do not move the unit until the power has been cut off.
- Do not operate the unit with a damaged plug or a loose socket.
- Reset your power supply cord by pressing RESET button on the LCDI plug.

AIR CONDITIONER SAFETY

WARNING

Failure to follow the below precaution could result in electrical shock, fire, or personal injury.

- 1. The plug must be plugged into an outlet that is properly installed and grounded to a 3 prong outlet.**
- 2. Do not use an extension cord.**
- 3. Do not use an adapter.**
- 4. Do not remove the ground prong.**

CAUTION

- Do not block the air inlet or air outlet, otherwise the cooling capacity will be weakened, which could cause the system to stop operating.
- Close the windows and doors, otherwise the cooling capacity will be weakened.
- If the air filter is very dirty, the cooling capacity will be weakened. Please be sure to clean the air filter regularly.

Notice for R410A Models

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [2088]. This means that if a 1 kg of this refrigerant fluid would be leaks to the atmosphere, the impact on global warming would be [2088] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit or disassemble the product by yourself, always ask a professional.

AIR CONDITIONER SAFETY

⚠ WARNING

- 1. When you need to dispose of the unit, consult with your local dealer or local recycling center for information on how to dispose of the unit in an environmentally responsible manner.**
- 2. Please recycle or dispose of the packing material for product in an environmentally responsible manner.**

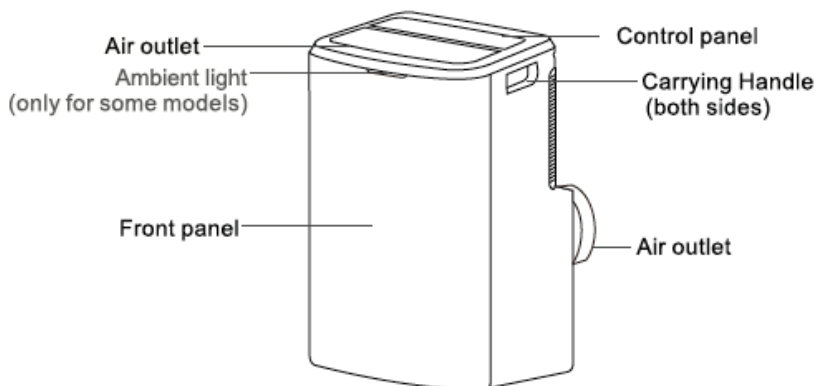


The oil of compressor used as below table:

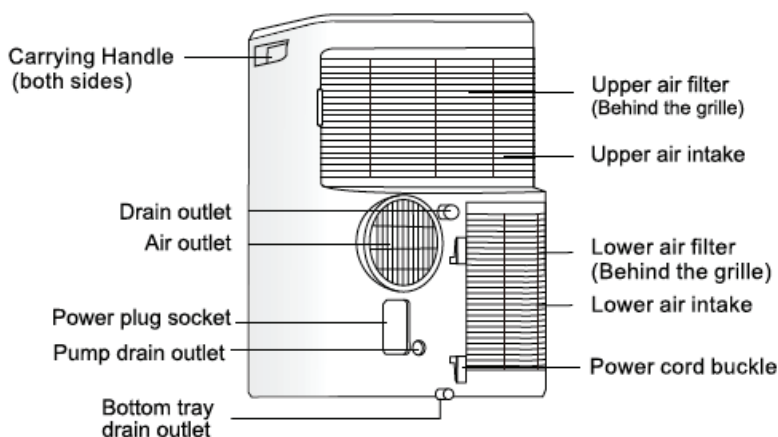
| Compressor Manufacturer or Trade mark | Refrigerant | The name of oil |
|--|-------------|---------------------------------------|
| Highly | R410A | α68HES-H or equivalent |
| | R22 | DIAMOND MS-56 or NM56EP or equivalent |
| Meizhi | R410A | ESTER OIL Vg68 |
| | R22 | SUNISO 4GSD or NM56EP or equivalent |
| Rechi | R410A | NMOC Ze-Gles RB68EP or equivalent |

PARTS DESCRIPTION

FRONT VIEW



REAR VIEW

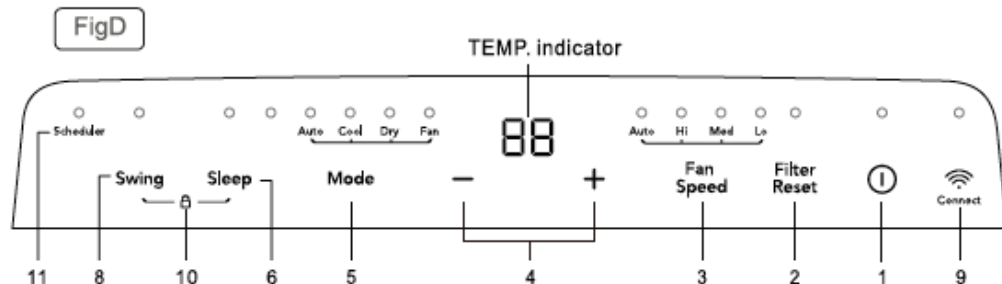
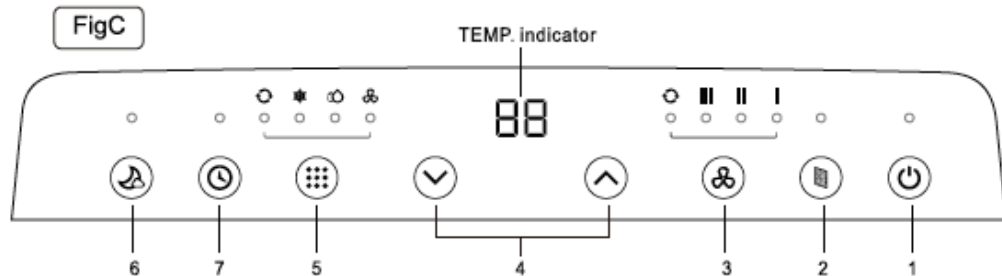
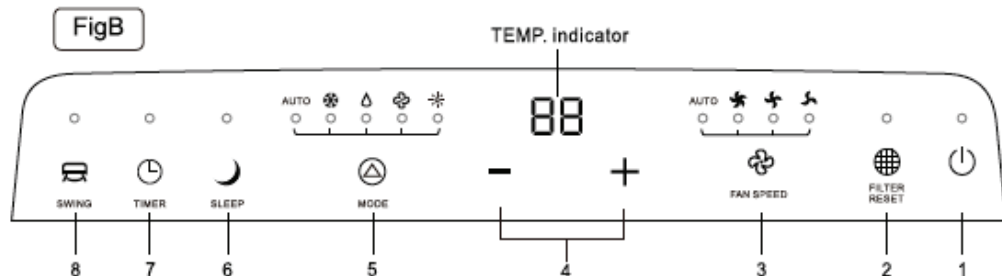
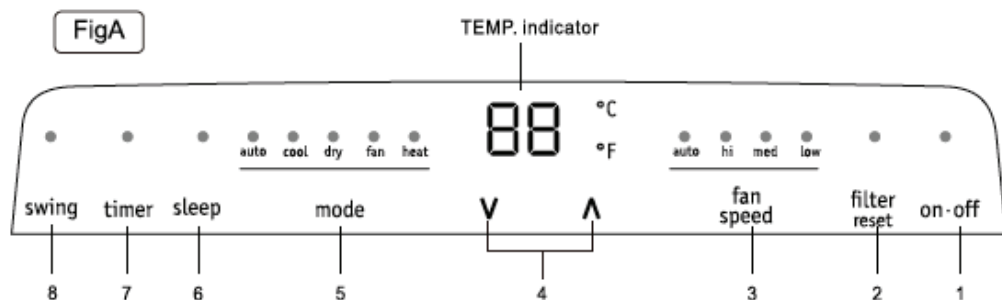


NOTE:

- * The descriptions in this user manual are text and figures, and may be slightly different to the promotion information and actual appliance. Please refer to the real appliance purchased. Thank you.
- * The working temperature range of the air conditioner is 16~35°C (60~95°F) under cooling mode; 5~27°C (41~80°F) under heating mode.

CONTROL PANEL







There are four kinds of control panels, Fig A, Fig B, Fig C, and Fig D. The actual shape shall prevail.



TEMP. indicator

- * In cooling or heating mode, when ∇ (-/▽) or \blacktriangle (+/△) button is pressed, the setting temperature is displayed and be adjusted.
- * 1. In auto, cool and heat mode, TEMP.indicator display is setting temperature.
2. In dry and fan mode, TEMP.indicator display is room temperature.



Function buttons

1. on·off /  /  button — Press this button to turn the unit on or off.
2. filter /  /  button
 - a. The running time of the unit has reached 250 hours, the filter reset indicator light will illuminates, and it means the air filter should be cleaned.
After cleaning, you can press the “filter reset” button, the filter reset indicator light will turns off and the running time will be cleared.
 - b. If you do not press the “filter reset” button when the filter reset indicator light illuminates, the indicator light will always illuminates except the unit is power off.
3. fan speed /  /  button — Press this button, you can select the fan speed as follows:

→ auto → hi → med → low →

The fan speed indicator light illuminates under the different fan speed.

Note: In fan mode, do not have auto fan speed;



4. ∇ (-/▽) or \blacktriangle (+/△) button
 - a. Each time the \blacktriangle (+/△) or ∇ (-/▽) button is pressed, the setting temperature will increase or decrease by 1°C (1°F). The setting temperature ranges from 16°C (60°F) ~ 32°C (90°F).
 - b. By pressing both the ∇ (-/▽) and \blacktriangle (+/△) button at the same time (≥3s), the display will toggle between Celsius and Fahrenheit.
5. mode /  /  button — Press this button, you can select the running mode as follows:
Heat-pump type:

→ auto → cool → dry → fan → heat →

Cool only units:

→ auto → cool → dry → fan →

The mode indicator light illuminates under the different mode.



6. sleep /  /  button

Press this button to enter sleep mode, which the unit will exit after 8 hours of continuous operation and restore to the previous status.

Note: The SLEEP function can not be activated in fan and dry mode.

CONTROL PANEL

7. timer/ button

- a. Press the "timer" button, the timer indicator light illuminates.
- b. Press ∇ () or \blacktriangle () button to select the desired time.
- c. After setting time 5 seconds without other operation, the timing function will be initiated automatically. If you press the timer button, there are no operation within 5 seconds or setting time is 0, the timing function will be cancelled automatically.
- d. When the timing function is initiated, the unit displays the remaining time by press the "timer" button once and cancel the timing function by press it again.

Note: With the unit on, press this button to set off timer.

With the unit off, press this button to set on timer.

8. swing/ button - Press this button, the swing indicator light will illuminate.

WARNING

Failure to follow the below precaution could result in electrical shock, fire, or personal injury.

1. **Plug into a ground 3 prong outlet.**
2. **Do not remove ground prong**
3. **Do not use an extension cord**
4. **Do not use an adapter.**

Before starting the unit

Observe all governing codes and ordinances.

Check the location where the air conditioner will be installed. Make sure you have everything necessary for correct installation.

The location should provide:

1. Ground electrical outlet located near the product. The power cord length is 4.3' (131cm).
2. Free movement of air in room to be cooled.
3. A large enough opening for the air conditioner, installation parts are supplied for double-hung windows.
4. Allow at least 23.6" (60cm) clearance from walls and furniture.

Note: Cabinet louvers must not be obstructed. Do not place the unit in front of drapes or curtains; they may block the air intake.

Heating operation mode (Cooling only model has no heating function)

1. Press the MODE button in a sequence until the heat indicator is lighted.
2. Press the "+" and "-" buttons to set your desired temperature.
3. Press the FAN button to select the fan speed.

Cooling operation mode

1. Press the MODE button in a sequence until the cool indicator is lighted.
2. Press the "+" and "-" buttons to set your desired temperature.
3. Press the FAN button to select the fan speed.

Drying operation mode

1. Press the MODE button in a sequence until the dry indicator is lighted.
2. The fan will run at a fixed speed at this operation mode.
3. Close any windows and doors for the best dehumidifying effect.

Note: The setting temperature and fan speed can not be adjusted. The setting temperature is 25° (77° F) and the fan speed is low.

Fan operation mode

1. Press the MODE button in a sequence until the fan indicator is lighted.
2. Press the FAN button to select the fan speed.

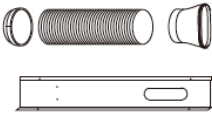









Note: The setting temperature can not be adjusted.

Auto-restart function:

If power to the unit is interrupted, the unit will restart itself in its last used mode/ settings once power is restored. The compressor will restart after 4 minutes.

1. To set the "Auto-restart function": Press the sleep button 10 times within 5 seconds, a buzzer will sound 4 times.
2. To cancel the "Auto-restart function": Press the sleep button 10 times within 5 seconds, a buzzer will sound 2 times.

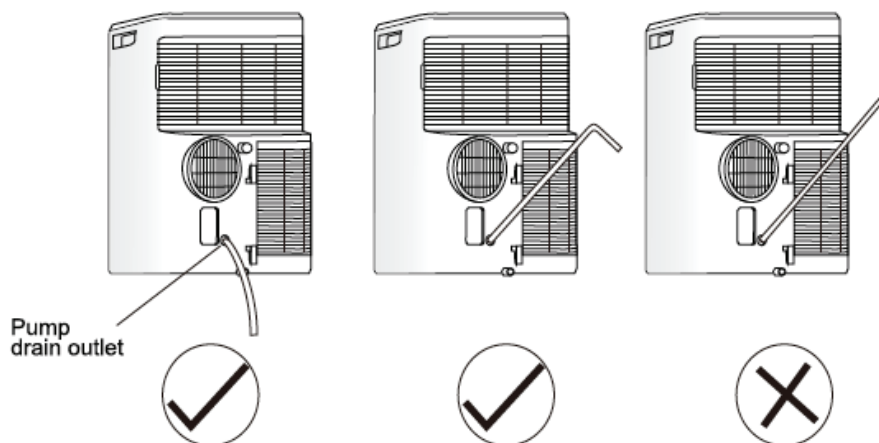
ACCESSORIES

| Parts | Parts Name | Quantity |
|---|--|------------------------------------|
|  | Adapter A, Exhaust duct, Adapter B (flat mouth), Window Slider Kit | 1 set |
|  | Type A Screws (#) | 2pc |
|  | Type B Screws (#) | 1/2" screws 4pc 3/4" screws 2pc |
|  | Security Bracket (#) | 1pc |
|  | Type A foam seal (adhesive) (#) | 2pc |
|  | Type B foam seal (non-adhesive) (#) | 1pc |
|  | Adapter B (round mouth) (#), Wall exhaust Adapter (#) | 1 set |
|  | Drain hose | 1pc |
|  | Remote controller and Battery | 1pc |
|  | Expansion screw sleeve (#), Type C Screws (#) | 4pc 4pc |
| NOTE: Optional parts (#), some models without. | | |

Note: The descriptions in this manual (text and figures) may vary slightly from the model you purchased.

*If the unit you have bought has the pump drain outlet, as shown below, please drain in this way:

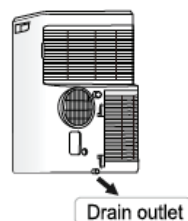
Remove the pump drain from the back of the unit, attach the drain hose to the hole. Place the other end of the hose in the drainage way, or other drainage area such as a window.



Note: Make sure the hose is secure and there are no leaks. Direct the hose towards the drain, making sure that there are no kinks that will stop the water flow. Place the end of the hose into the drain, and make sure that the end of the hose is down to let the water flow smoothly.

* When the water level of the bottom tray reaches predetermined level, the digital display area shows "P1" and the WATER FULL indicator light illuminates. Carefully move the unit to a drain location, remove the bottom drain plug, and restart the machine until the P1 symbol disappears. If the error repeats, call for service.

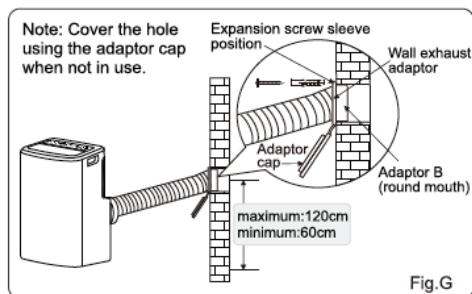
Note: Be sure to reinstall the bottom drain plug before using the unit.



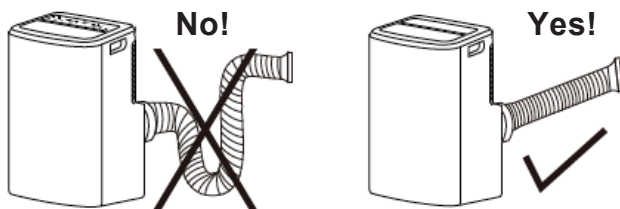
INSTALLATION

Install the exhaust duct into the wall

1. Prepare a hole in the wall. Install the wall exhaust adapter onto the wall by using 4 expansion screw sleeves and type C screws, be sure to fix thoroughly.
2. Connect the exhaust duct to the wall exhaust adapter. (Fig. G)

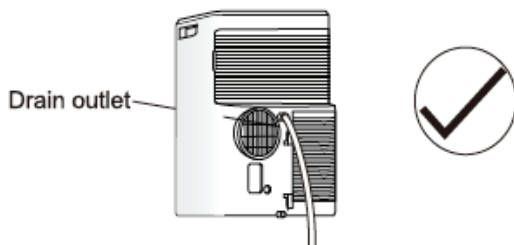


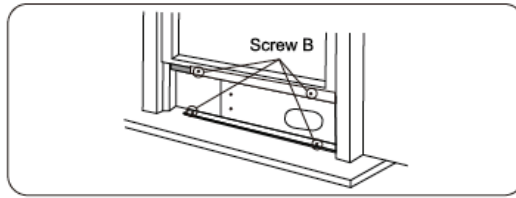
Note: 1. The duct can be compressed to 27cm minimum and extended to 150cm maximum. It is better to keep the duct length to a minimum length.
2. Stretching or bending the duct excessively will affect the cooling efficiency. *(As the following fig. shows)*



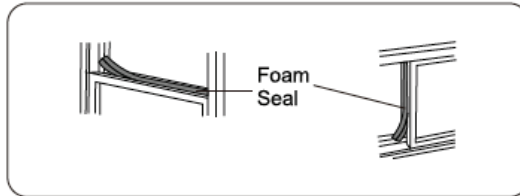
Water drainage

* During dehumidifying mode, remove the upper drain plug from the back of the unit. Attach the drain hose to the hole. Place the other end of the hose in the drain or other drain location.

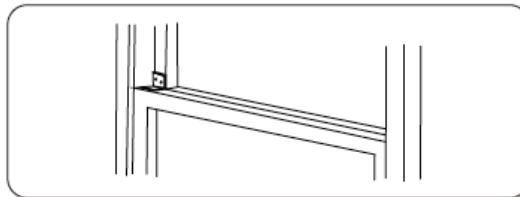




3. Carefully lower the window. Secure the vent panel in place with 4 type B screws, plus one screw for each extension.



4. Cut the foam seal B (non-adhesive) to the window width. Stuff the foam seal B between the glass and the window to prevent air and insects from getting into the room.



5. Install the security bracket with a type B screw as shown.

Install the exhaust duct into the window

Remove the unit with the packed exhaust duct next to the window and then connect the adapter B (flat mouth) of the exhaust duct with the window. (Fig. E)

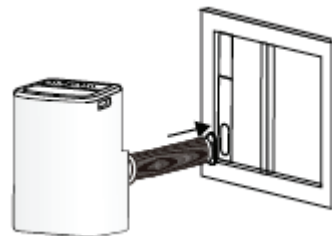


Fig.E

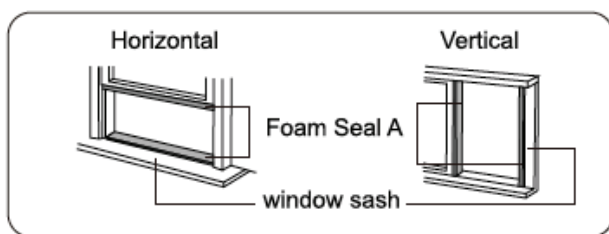
INSTALLATION

2. Connect the exhaust duct to the Air outlet connector on the back of the unit. Slide in the adaptor A downwards until it is locked in place. (Fig. C)

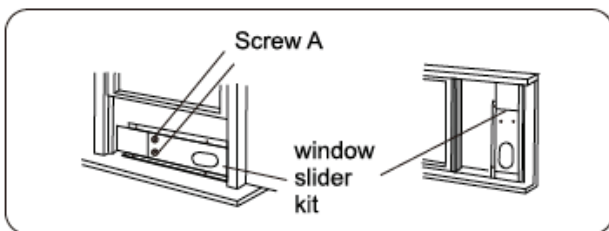


Fig.C

Install the Window Slider Kit



1. Cut the foam seal (adhesive type) to the proper length and attach it to the window sash.



2. Attach the Window Slider Kit to the window sash. Adjust the length of the Window Slider Kit: loosen screw A to adjust the length of the Window Slider Kit, then tighten the screw when the length is suitable. Note: the length of the Window Slider Kit is 67.5 cm to 120 cm.

INSTALLATION

Observe all governing codes and ordinances. Check the location where the air conditioner will be installed. Ensure everything necessary for the correct installation is available.

1. Install the portable air conditioner in a flat and open location where the air outlets will not be obstructed.
2. Keep the minimum clearance from walls or other obstacles, as shown.
3. A level floor is required with maximum gradient of 10 degrees with the horizontal plane is required to place the unit.

Unit Placement

1. Install the mobile air conditioner in a flat and open location where the air outlets will not be obstructed.
2. Keep the minimum clearance from walls or other obstacles, as shown.
3. A level floor is required with maximum gradient of 10 degrees with the horizontal plane is required to place the unit.



Note:

1. The air conditioner should not be used in the laundry room or other confined space.
2. The plug should be accessible after the unit is positioned.

Duct mount instruction

- In cooling, heating, and drying mode, the exhaust duct needs to be installed. While in fan mode, the exhaust duct is not needed.
 - According to the actual needs, the exhaust duct can be moderately compressed and tensed, but cannot be arbitrarily stretched and bent.
 - The exhaust duct can be connected with Windows or installed into the wall. With the actual needs, you can make the installation with accessories of the unit.
1. Install the adapter A and adapter B (flat mouth or round mouth) into the exhaust duct as shown in Fig. A or Fig. B.

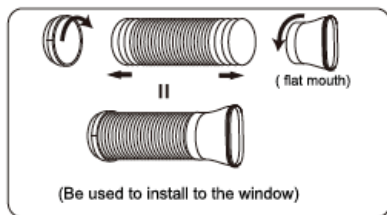


Fig.A

or

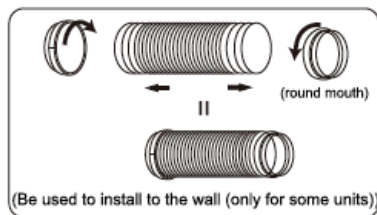


Fig.B

MAINTENANCE

WARNING

- Before cleaning the air conditioner, it must be shut down and the electricity must be cut off for more than 5 minutes, otherwise there might be the risk of electric shocks.
- Do not use gasoline, benzene, thinner, liquid insecticide, or any other chemicals on the air conditioner, as these substances may adversely impact the unit and may form cracks, or result deformation of plastic parts.
- Never attempt to clean the unit by pouring water directly over any of the surface areas, as this will cause deterioration of electrical components and wiring insulation.

Clean the Unit

When cleaning the exterior of the unit, use a warm, damp towel.

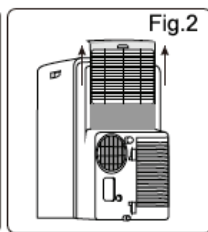
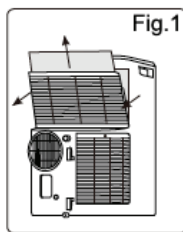


Clean the Air Filter

1. Remove the air filter

Take out the upper air filter and the lower air filter.

Note: There are two types about the low air intake grille, please refer to Fig. 1 or Fig. 2. If the low air intake with a screw, please remove the screw at first.



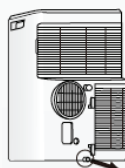
2. Clean the air filter

Use a vacuum cleaner to clean the air filter. If the air filter is very dirty, wash it in warm water (below 104F (40C) with a mild detergent, and then dry the filter in a shaded area.



3. Reinstall the dried filter in reverse order of removal. Put the filter cover back to its place.

Note: If you do not use the unit for a long time, please pull out the rubber plug to drain the inside water out referring to the right figure.



First, try the solutions suggested here to possibly avoid the cost of a service call.

Air Condition Will Not Operate

| Causes | Solutions |
|---|--|
| <ul style="list-style-type: none"> • The power switch is released. • Power supply failure • The fuse is burnt. • It doesn't reach the setting time for starting up. | <ul style="list-style-type: none"> • Switch on the power. • Wait for the recovery of power supply. • Replace the fuse by a professional. • Wait or reset the original setting. |

Unit Doesn't Start When Pressing ON/OFF Button

| Causes | Solutions |
|--|--|
| <ul style="list-style-type: none"> • It has not been four minutes after switch off. • Room temperature is lower than the setting temperature under cooling mode or higher than setting temperature under heating mode (if applicable). | <ul style="list-style-type: none"> • Wait four minutes. • Reset the setting temperature. |

There is Air Flow But No Cooling Effect

| Causes | Solutions |
|--|---|
| <ul style="list-style-type: none"> • Mistakes in temperature setting. • The air filter is blocked by dust. • The air inlet or outlet of machine is blocked. • Turn the air conditioner on in a very hot room. • Cooling capacity is insufficient. • The doors or windows are open. | <ul style="list-style-type: none"> • Set a proper temperature, setting temperature should be lower than ambient temperature. • Clean the air filter. • Remove the obstruction. • Allow additional time to remove stored heat from walls, ceiling, floor, and furniture. • Reconfirm that the cooling capacity purchased is the correct size for the room square footage. • Close the doors and windows. |

Air Condition Will Not Operate

| Causes | Solutions |
|---|---|
| <ul style="list-style-type: none"> • The ground is not level or flat enough. | <ul style="list-style-type: none"> • Place the unit on a flat, level ground if possible. |

