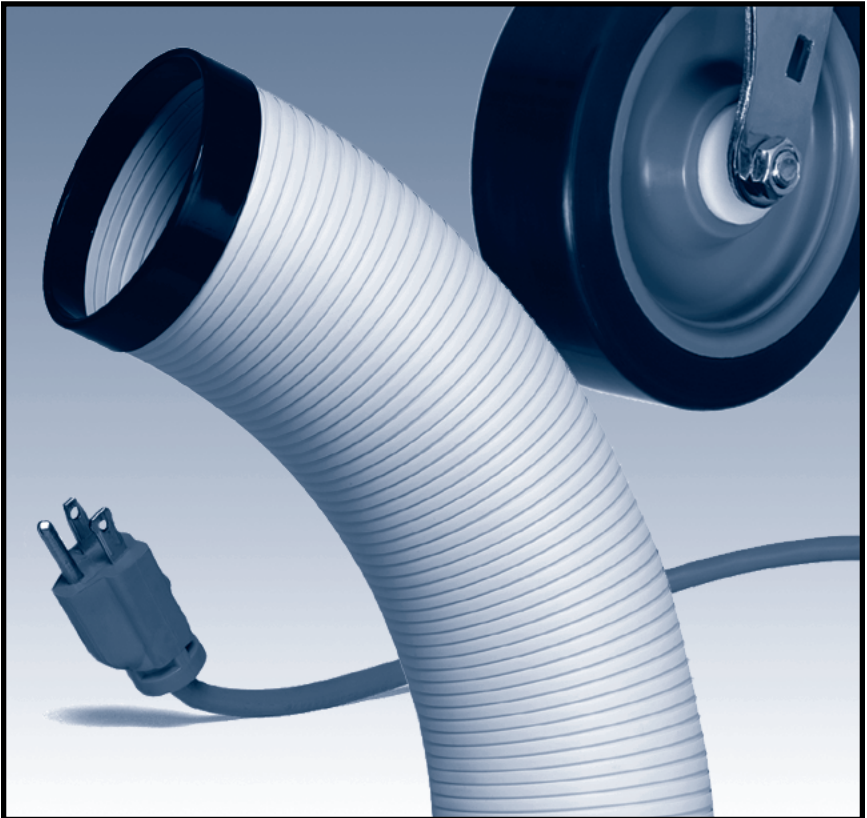


OPERATION **MANUAL**

MOVIN**COOL**[®]
PC**7**



READ THIS MANUAL CAREFULLY FOR INSTRUCTIONS ON CORRECT
INSTALLATION AND USAGE, AND READ ALL SAFEGUARDS.

SECCIÓN EN ESPAÑOL
SECTION EN FRANÇAIS



MOVIN**COOL**[®]
THE PORTABLE SPOT COOLING SOLUTION

Foreword

Congratulations on purchasing the MovinCool portable air conditioner. This manual explains how to install and operate the MovinCool PC7 portable air conditioning unit. Please read this operation manual thoroughly to familiarize yourself with the features of the unit and to ensure years of reliable operation. You may also find it useful to keep this operation manual on hand for reference.

Components and/or procedures are subject to change without prior notice.

Attention:

- (1) The unit is not intended for use by young children without supervision.
- (2) The plug should be accessible after installing the unit.
- (3) The unit should be installed in accordance with national wiring regulations/codes.
- (4) If the power cord is damaged, it must be replaced by the manufacturer or a qualified service contractor. Contact your reseller for more information.

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INTRODUCTION

MOBILE AIR CONDITIONER

The PC7 is a small appliance, which can adjust the temperature and humidity in a room making it easy to use in different occasions. It also has multiple modes, including cooling, dehumidifying and fan only. This unit was designed to be used in a family house, office, etc.

Other air conditioning solutions are recommended when the indoor temperature is either below 65°F(17°C) or above 95°F(35°C) .

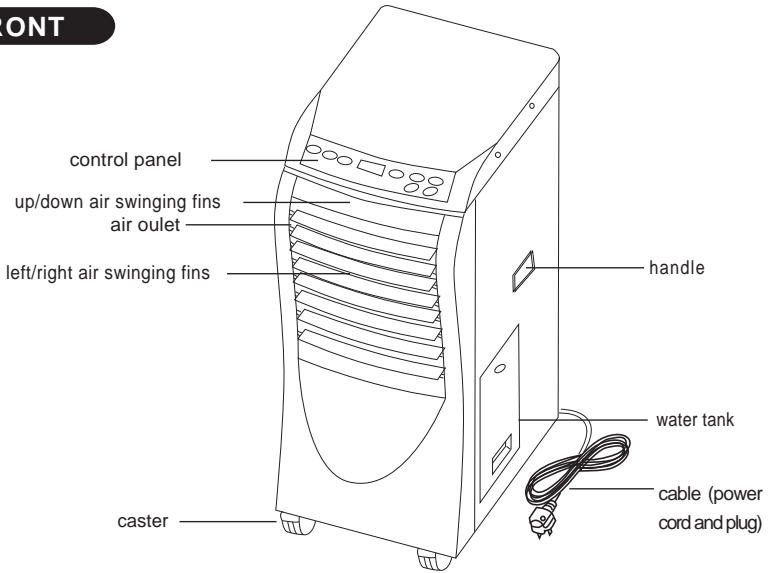
ATTENTION

Before you use your PC7 air conditioner, please read entire instruction manual carefully.

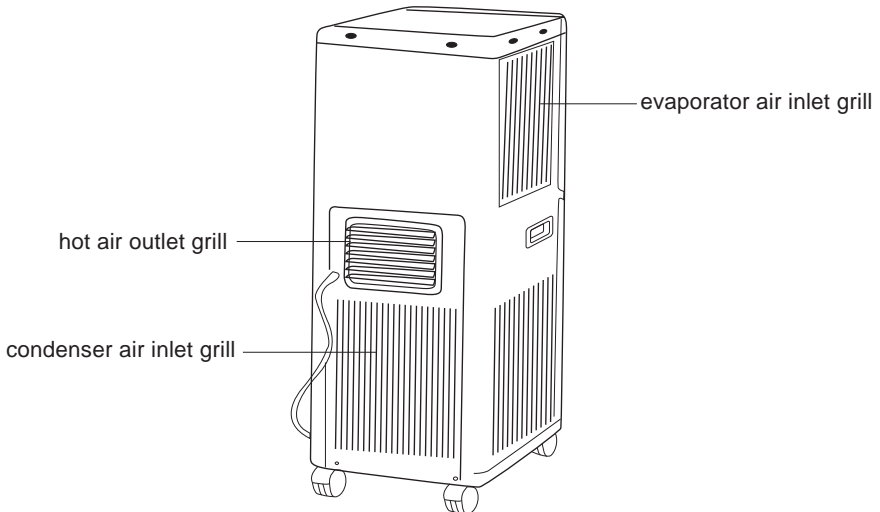
This instruction manual is used for information only and does not form part of a contract. We reserve the right to make technical changes without prior notice.

UNIT DESCRIPTION AND FUNCTION

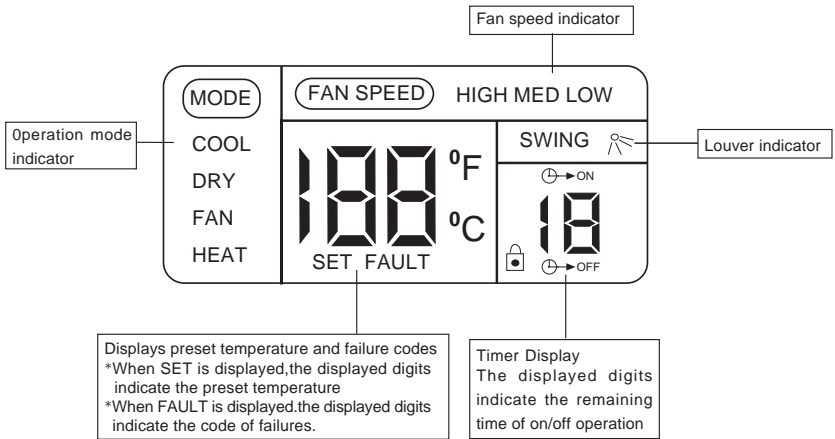
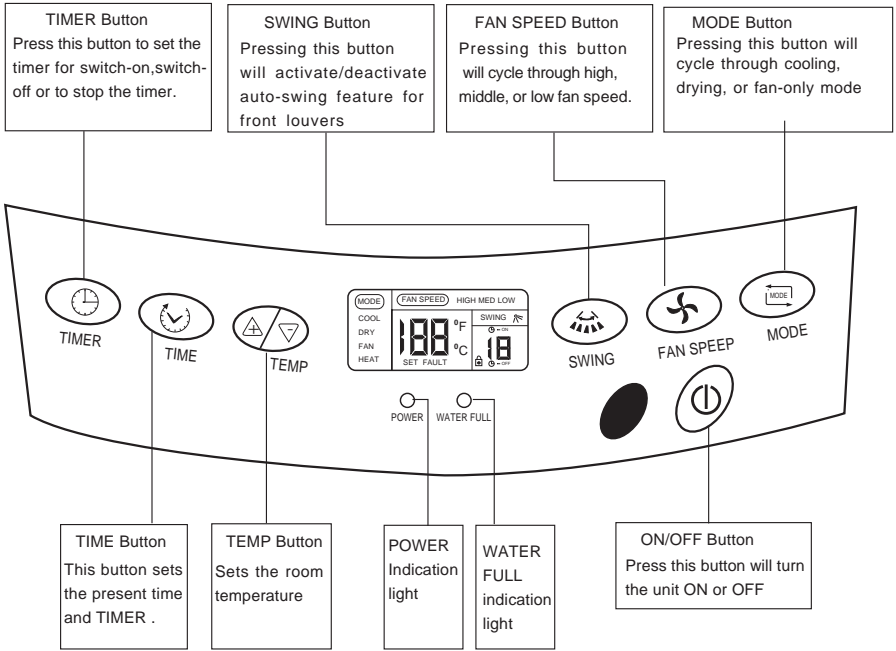
FRONT



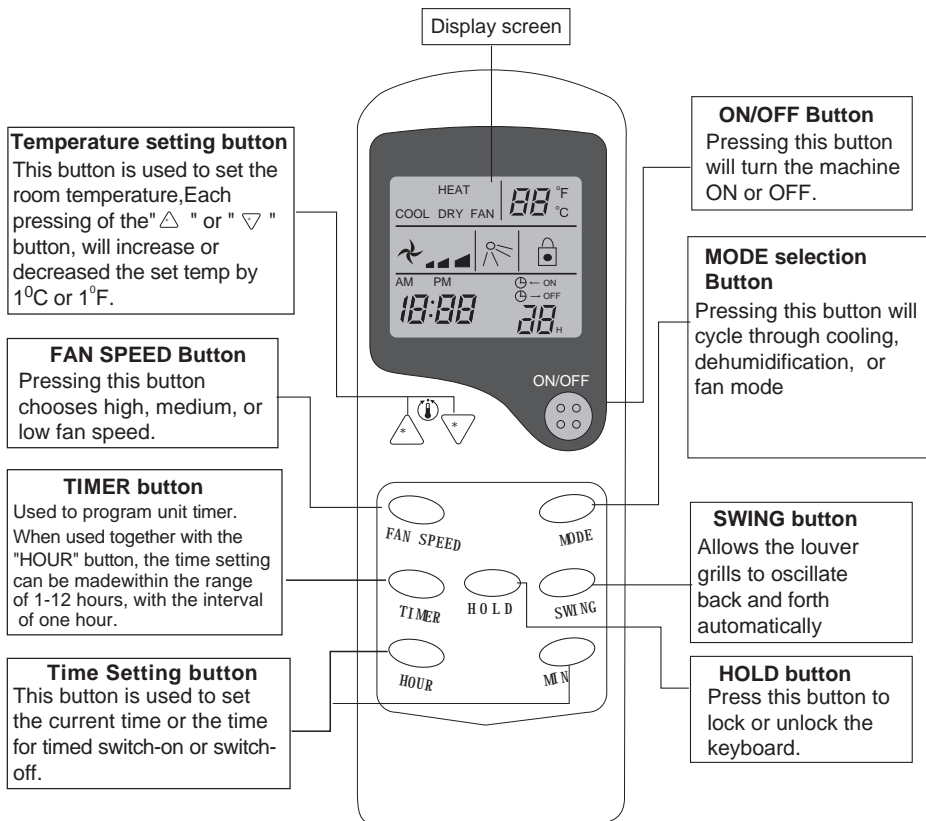
BACK



UNIT DESCRIPTION AND FUNCTION



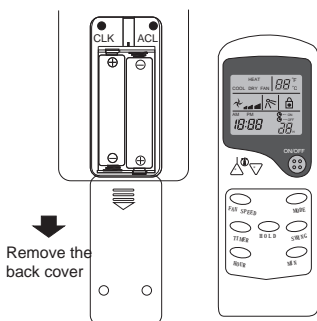
OPERATION OF REMOTE CONTROL



SETTING CURRENT TIME

When batteries are inserted, Time is automatically set to AM 12:00

Example: Set time to AM 10:30



- 1** **Press the CLK button.**
Remove the back cover push the clock button with the tip of a ball pen, etc. The time indicator will flicker and can be set to the present time.
- 2** **Press the HOUR button. (Set to AM 10)**
- 3** **Press the MIN button. (Set to 30)**
- 4** **Press the CLK button again, then reattach the back cover.**


NOTE Current time must be set correctly for timer to operate correctly.

CONTROL PANEL OPERATION






DEHUMIDIFYING AND COOLING OPERATION

The operating ranges for cooling operation is 65⁰F-86⁰F(or 18⁰C-31⁰C) and the operating range for dehumidifying is 65⁰F-86⁰F (or 18⁰C-31⁰C).

POWER SOURCE

- *The AC socket must be secured and in good condition
 - *Do not connect the PC7 to an outlet which is also being used for other electrical equipment.
 - *Fully insert plug into A/C outlet,
 - * The unit will beep for 2 seconds.
- After two seconds have passed, press " " button, the unit will begin to run.

COOLING OPERATION


1. Ensure that the drain tank is properly seated in the unit.
2. Repeatedly press " " button to choose the cooling mode, LCD window will show "cool".
Note: During the cooling operation, always place the duct through an open window open to exhaust warm air from the room.
3. Repeatedly press " " button to set a proper room TEMP. at 65⁰F-86⁰F(or 18⁰FC-31⁰C).
4. Press " " button to cycle between fan, high, middle, and low speed.
5. Press " " button to turn on/off louver autoswing, The LCD window will show " " when on.

NOTE:

In order to improve the cooling efficiency of the unit, ensure that:

- a) Do not place the unit in direct sunlight
- b) Do not place unit near another heat source.

DEHUMIDIFYING OPERATION

1. Keep windows and doors closed to aid in effectively dehumidifying the room.
2. Ensure that the drain tank is properly seated in the unit
3. Repeatedly press " " button to choose the dehumidifying mode, LCD window will show "DRY". Note: Fan speed cannot be adjusted during dehumidification.
4. When using as a dehumidifier, do not use the air exhaust duct.



USE OF CONTROL PANEL

TIME SET FUNCTION

To set start time, while the machine is turned off (but power supplied), press "⌚" button, the LCD window will show "⊕ → ON ", press the TIME button to set the start time. The setting range is 1-12 hours.

To set stop time, while the unit is operating locate and press "⌚" button, the LCD window will show "⊖ → OFF ", press the TIME button again to set the stop time. The setting range is 1-12 hours.

AUTO SWING FUNCTION

1. Auto swing function

Press "🌀" button, LCD window will show "🌀" and the louvers will swing automatically.

2. Press once again "🌀" button, the symbol "🌀" in the LCD window will disappear, and the louvers will stop swinging automatically.

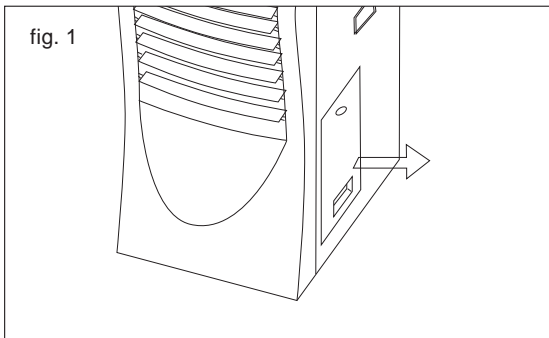
Attention:

Press "⏸" and "⏹" buttons together for more than two seconds to lockout the keys. LCD window will show "🔒", press the two buttons together again to unlock the keys, "🔒" will disappear.

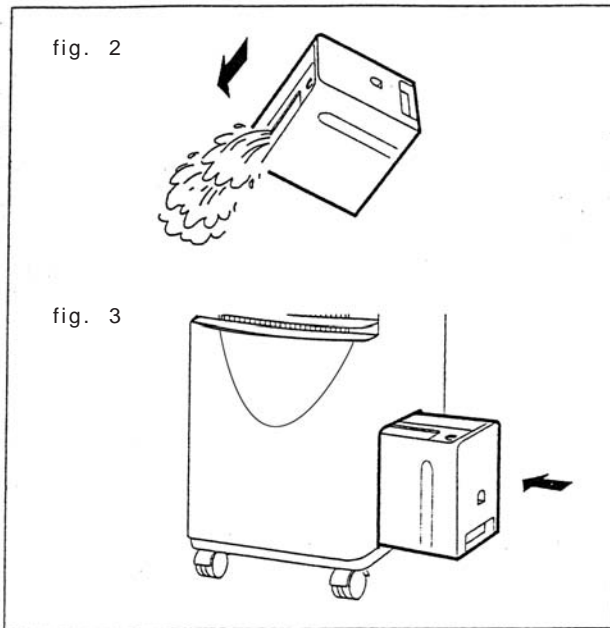
WATER DRAINAGE METHODS

WATER DRAINAGE

When in cooling or dehumidifying mode, the condensate water will drain into the tank. When the tank gets full, the WATER FULL indicator will flash. As shown in the Fig. 1, 2 and 3 below, remove the condensate tank, empty condensate tank and replace in original position



WATER DRAINAGE METHODS



CAUTION

1. When in cooling or dehumidifying mode, do not take out the condensate tank, or the buzzer will sound, the compressor will stop, and the mode will change to FAN.
2. If you wish to empty the condensate water before the tank is full, first stop the unit and wait 3 minutes before removing the condensate tank to prevent water from spilling onto the floor.
3. There is a plastic tube with a plug located in the condensate tank area. Do not remove the plug while the unit is operating.

MAINTENANCE/SERVICE

MAINTENANCE METHODS

*Unplug the unit before cleaning to prevent accidents caused by electric shock.

*

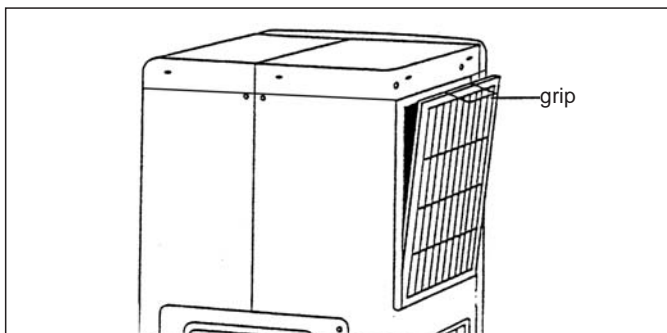
*Do not use chemical solvent (like benzene, alcohol glazer) to clean the surface of the unit. The surface of the PC7 will be scratched,damaged,and plastic casing can become deformed.

AIR FILTER

If the air filter is dirty the unit's air flow volume may be affected. It is recommended to clean filter once every two weeks.

Removing the air filter

1. Pull the air filter cover out, then up to remove the air filter cover from the unit.
2. Remove foam filter from the air filter cover.



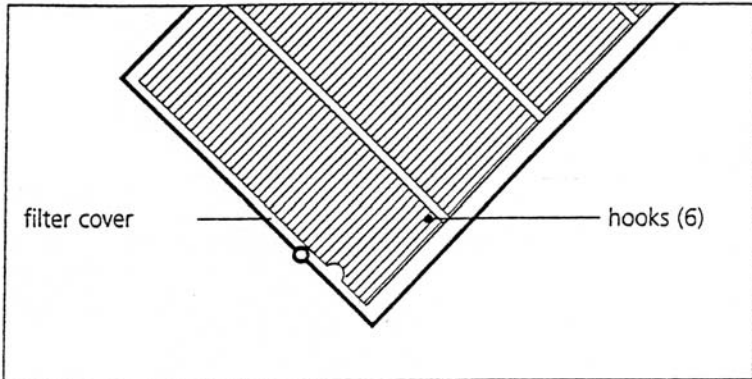
Clean

Wash the air filter by immersing it gently into warm (approximately 104°F) water with a neutral detergent, rinse the filter of detergent and dry thoroughly in a shaded area.

Mounting

1. Attach the filter to the filter cover using the attachment hooks on the inside surface of the cover.
2. Place tabs at the bottom of the filter cover into mating holes in the case, push filter back into its original position.

MAINTENANCE/SERVICE

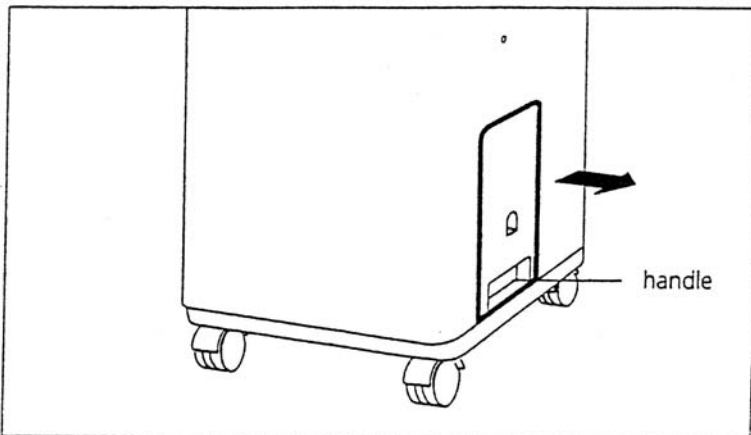


CLEANING SURFACE

Clean the surface of the unit with a damp cloth, then dry using a duster or similar type of lint-free cloth.

WATER TANK

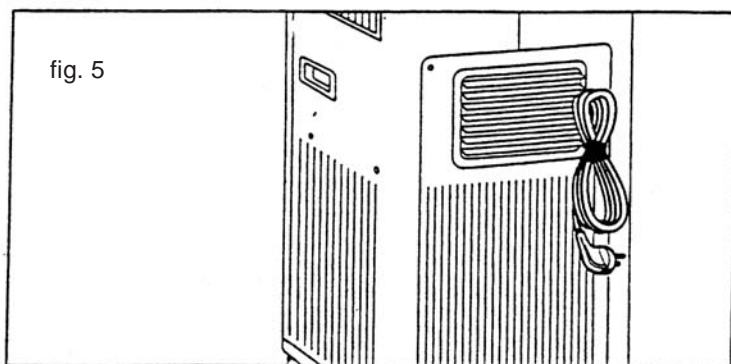
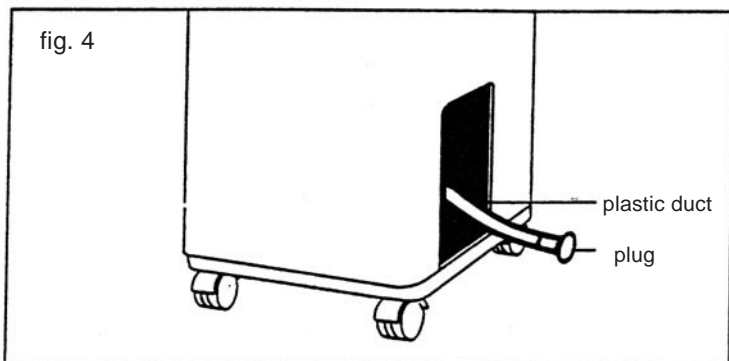
1. Slowly pull condensate tank away from unit
2. Empty water, clean dirt with neutral detergent, wash and dry
3. Place condensate tank in original position



STORAGE METHODS

END OF SEASON OPERATIONS

1. Remove condensate drain tank from unit
2. Locate plastic tube as shown in Fig. 4. Remove plug and operate the unit in fan mode for half a day or until tube is dry.
3. Turn unit off and disconnect the power cord from wall outlet
4. Secure power cord to unit.
5. Wrap the machine with the plastic bag and keep dry.



SAFETY CAUTIONS

OCCASION

- * Do not use the unit in a very narrow room with obstacles so as to avoid damaging the unit when being moved
- * Avoid using unit in direct sunlight to avoid panel surface color changing
- * Do not use the unit in or near water.
- * Do not use near gas appliances, fires, or near of flammable liquids.

POWER SOURCES

- * Do not use with a damaged or improper A/C socket.
- * When unplugging the unit, hold the power plug securely and pull it out carefully.

OTHERS

- * Keep the unit 3 feet away from TV sets or radios to avoid the risk of electromagnetic interference.
- * Do not cover the air outlet to avoid overheating. Maintain 20" clearance from openings

SERIOUS CAUTION

- * Do not tip over or incline the PC7, If the unit does tip over please unplug at once and call your nearest reseller for further directions.
- * Do not spray with insecticide or other chemicals as the plastic case may be damaged.

TROUBLESHOOTING

Before seeking repair or service, please firstly check the following.

Trouble	Check	Action
Air conditioner does not operate at all	Is there a power failure? Is plug fully seated? Is power fuse or switch off? Is drain tank indicator is lit? Is the water tank positioned correctly? Is the SET TIME correct?	Normal. Push the plug into the wall socket. Change the fuse or switch on. Empty water from the water tank. Fully seat the water tank into the right position. Correct SET TIME
Cooling performance insufficient?	Is air inlet or outlet blocked? Is there any other heat source in room? Are air filters dirty? Is SET TEMP. to high? Is indoor fan speed set at low?	Remove obstruction Move unit away from heat source Clean the air filters Set new temperature Increase fan speed.
Excessive noise and vibration	The refrigerant is flowing inside. Is unit installed at an angle?	Normal operation Place unit on a horizontal floor
The machine starts and stops frequently	Is the voltage of the power source normal? (115V) Is the air exhaust duct strait or bent?	Call qualified electrician Keep outlet duct as strait as possible

CAUTION

Unplug unit and discontinue use in the following cases. Contact your local reseller as soon as possible.

1. The fuse and circuit breaker trip often.
2. The power cord is hot or the sleeve of the cord broken.

Self diagnosis function

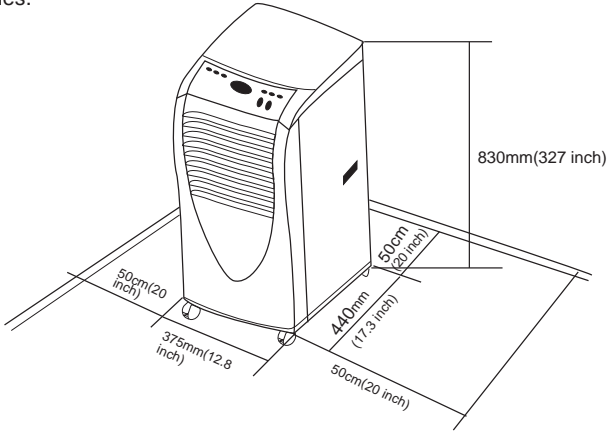
The PC7 is equipped with self-diagnostic codes to assist users in troubleshooting the unit. Please see the following chart below

Check code	Diagonosis of malfunction
FAULT E8	Overheating
FAULT E3	Faulty coils
FAULT E2	Room temperature faults
FAULT E4	Units faults

INSTALLATION

Selection of installation location

Put the mobile air conditioner in a flat location where the air outlets cannot be obstructed, place the unit no less than 20" away from a wall or other obstacles.

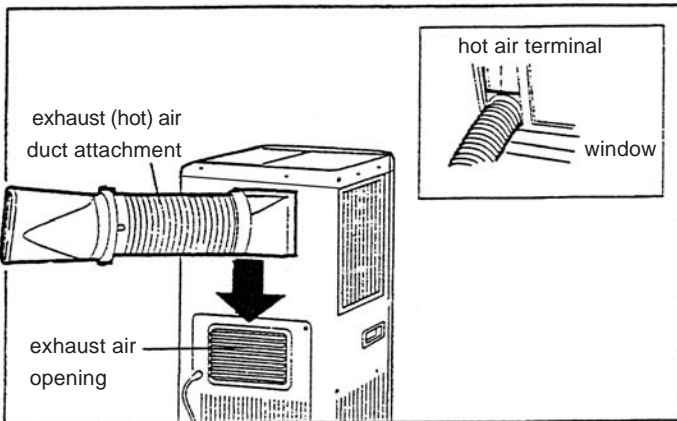


The air exhaust duct mounting method

- 1) Fix the square end of the exhaust duct to the exhaust terminal of the unit
- 2) Put the other end(discharge) to the nearest window

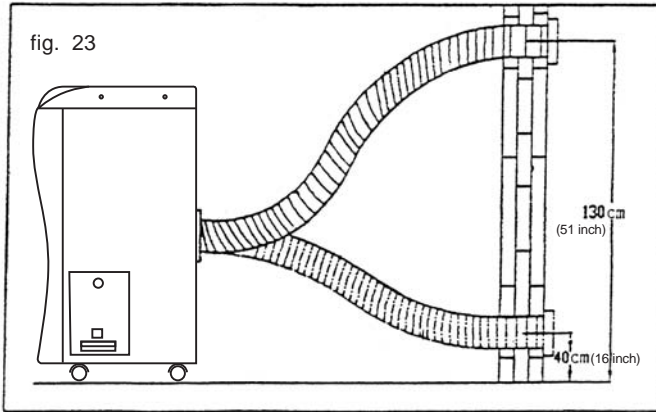
Note: Exhaust length is between 24 in - 71in,

When connecting duct, keep the air exhaust horizontal. Do not enlarge or connect another discharge duct.

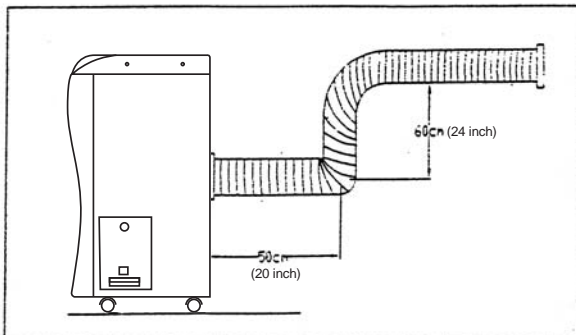
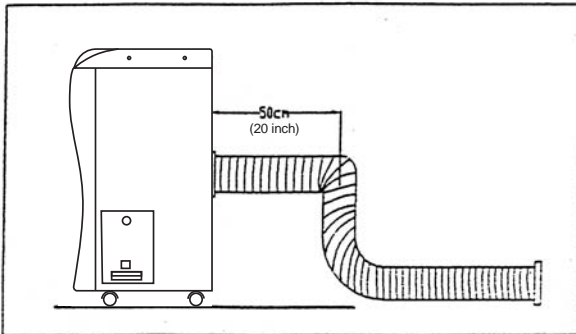


INSTALLATION

Recommended exhaust mounting is shown below (If mounting in the wall, the height of the hole should be 16in ~ 51in)

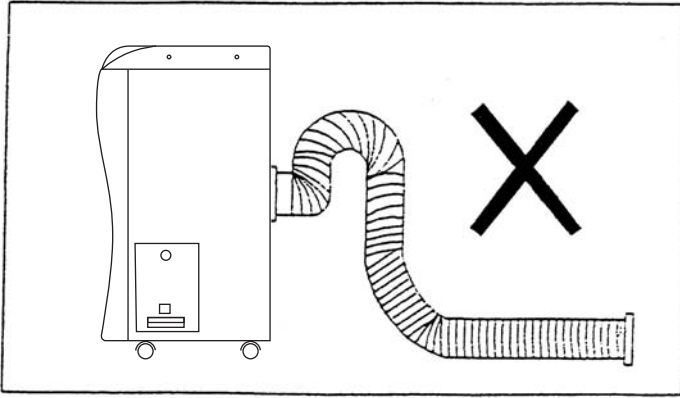


If the air exhaust requires bends, see diagrams below.



INSTALLATION

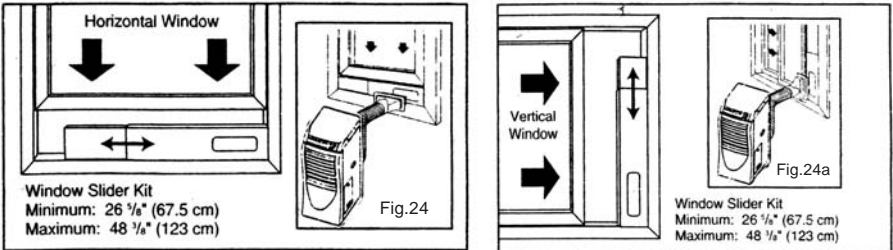
See diagram below for incorrect exhaust mounting (Air exhaust bends too large)



Window Kit Installation

Your window kit has been designed to fit most standard "vertical" and "horizontal" windows. However, **it may be necessary for you to modify some aspects of the window panels for certain types of windows.** Please refer to *Fig. 24* & *Fig. 24a* for minimum and maximum window openings.

CAUTION: WINDOW KIT DOES NOT PREVENT UNAUTHORIZED ACCESS



Water Tank Safety Feature

This unit is equipped with a fail-safe switch which turns the unit off water in the event the water tank overflows and/or is FULL with water. The unit will signal 8 BEEPS and the WATER FULL indicator light will flash red continuously until the water tank is correctly positioned and/or emptied.

NOTE:

The fan motor will continue to operate under this condition. No cooling or dehumidifying will occur until the tank is emptied and/or correctly installed (The compressor may cycle through internal time delay).

INSTALLATION

Installation Accessories Fig. 25

Description

Flexible exhaust hose with adapters.....3/set
stretches from 19 1/2" (50 cm) up to 78 3/4"(200cm)

Window exhaust adapter (flat mouth).....1pc

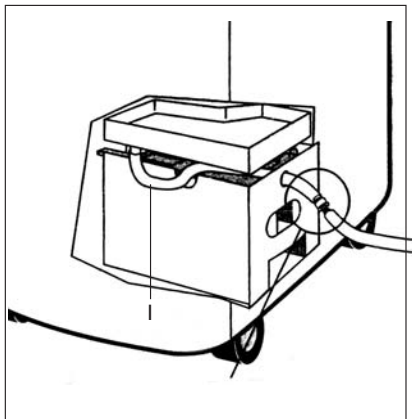
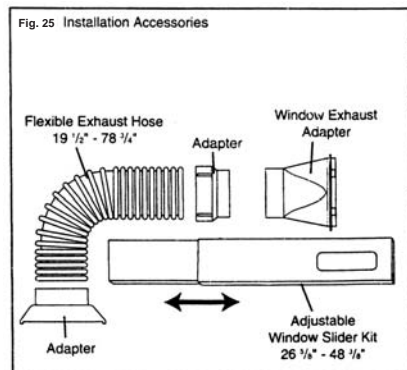
Adjustable window slider kit.....2/set
from 26 5/8" (67.5 cm) up to
48 3/8" (123 cm)

Drain hose connector.....1 pc
For continuous drain option (hose not included)

SPECIAL NOTE: Drain hose extension is not included with this unit and can be purchased through a local Hardware Store.

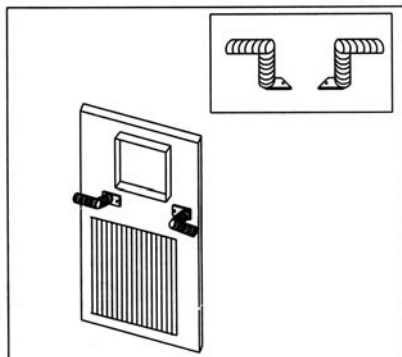
For the continuous drainage:

1. Take off the plug of the drainage tube (see illustration)
 2. Extend the tube outside the unit as indicated.
- Note: The drain hose cannot exceed the height of the the drain hose opening or unit will overflow



Power roll wire clasp

Secure power cord to unit by using the two located on the back of the panel



AFCI / LCDI Power Cord Manual

WARNING

The AFCI / LCDI device is a non-serviceable part. Attempting to open the device may expose the user to hazardous electric shock, and voids any warranties and performance claims. Manufacturer's liability is limited to the replacement of the device.

CAUTION

1. Read manual for proper use and handling of this device.
2. Press "RESET" button before starting the A/C unit. Press "TEST" to check function then "RESET" again. Start the A/C unit.
3. Do not immerse in water
4. This device must only be plugged on appropriate wall outlet.
5. In the event that this device trip, the cause of the malfunction should be corrected before any further use.
6. Using the device beyond recommended voltage poses risk to users
7. Reset and Test button orientation may differ by model

