



LIVART

Portable Air Conditioner Owner's Manual



IMPORTANT

- This Manual explains the proper use of the portable air conditioner. Please read the Rules for Safe Operation and Instructions Carefully before installing or operating your portable air conditioner.
- Please keep this manual for reference and warranty service. The warranty information is provided on the back of this manual for your convenience.

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NOTE

The rating data indicated on the energy label is based on the testing condition of installing the un-extended air exhaust duct without adaptor A & B (The duct and the adaptor A & B are listed in the accessories chart of the Instruction Manual).

SOCIABLE REMARK

The follow contents apply only the countries of Europe.

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

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

For disposal, there are several possibilities:

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

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



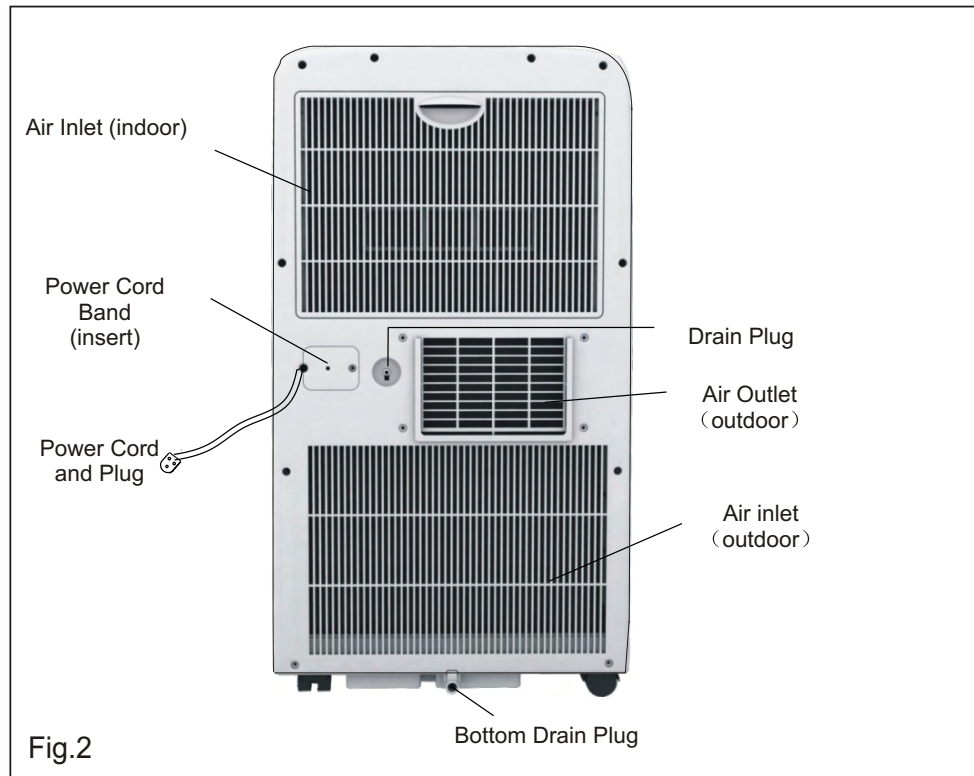
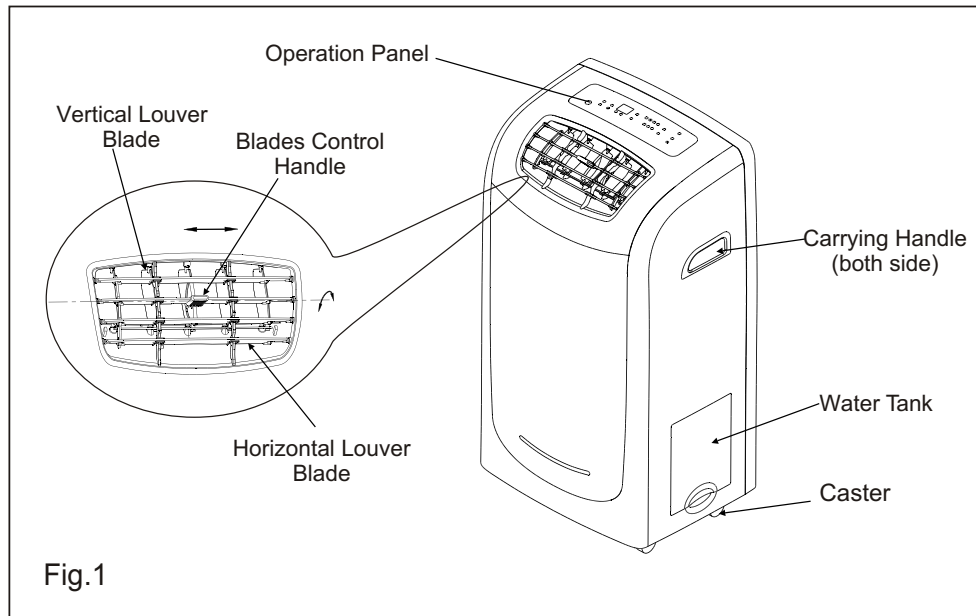
SAFETY RULES

1. This air conditioner has no ventilator for taking in fresh air from out of doors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise, there is a risk of suffocation in extreme cases.
2. Do not use in the following locations:
 - Next to source of fire.
 - An area where oil is likely to splash.
 - An area exposed to direct sunlight.
 - An area where water is likely to splash.
 - Near a bath, a shower or a swimming pool
 - In the green house
3. Never insert your fingers or any foreign objects into the air outlet. Take special care to warn children of these dangers.
4. Always store the unit upright in order to maintain the compressor in a proper condition.
5. Be sure to unplug the unit before cleaning.
6. The heater must not be located immediately below a socket outlet.
7. If the appliance is covered, there is a risk of overheat.
8. Do not operate this unit if it had a damaged cord or plug or if it is not working properly, or has been dropped or damaged in any manner. Take the unit to the nearest authorized service facility for examination, repair or electrical/mechanical adjustment.

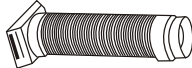


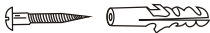

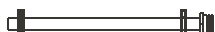
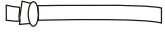
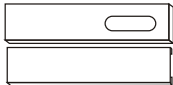
CAUTION

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

NAMES OF PARTS



ACCESSORIES

PARTS :	PARTS NAME :	QUANTITY :
	Exhaust Duct	1
	Adaptor A (for permanent duct mounting)	1
	Adaptor B (for temporary duct mounting)	1
	Expansion plug	4
	Power Cord Band (for bundling the power cord)	1
	Drain Hose(Continuous drainage) (Some models without)	1
	Drain Hose(Connected with water tank)	1
	Window Slider Kit	1

- Check all the accessories are included in the package and please refer to the installation instructions for their usage.

OPERATION PANEL OF THE AIR CONDITIONER

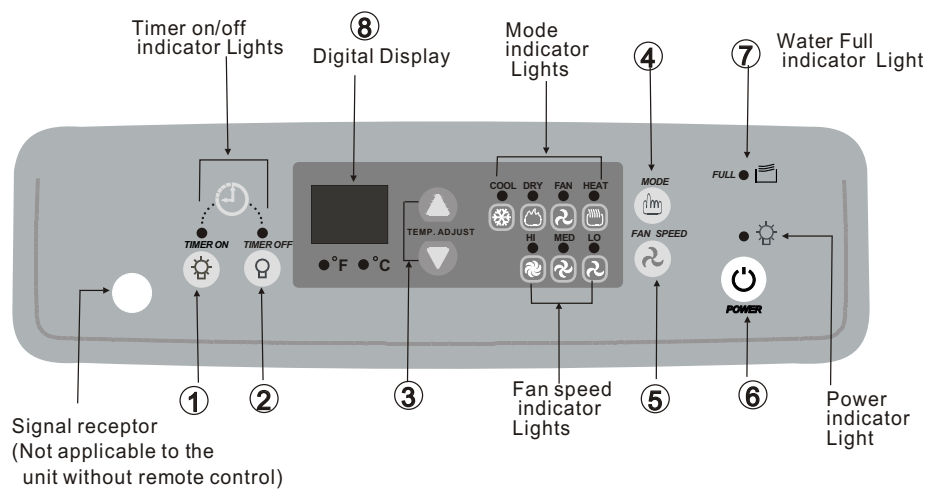


Fig.3

Key Pad Functions Fig.3

- ① **TIMER ON Button:** Used to initiate the AUTO ON start time program, and used to adjust Auto-Timer settings.
- ② **TIMER OFF Button:** Used to initiate the **AUTO OFF** stop time program, and used to adjust Auto-Timer settings.
- ③ **TEMP. ADJUST Button :**
 - ⏸ : Used to adjust (forward) temperature settings(1°C/2°F increments).
 - ⏪ : Used to adjust (backward) temperature settings(1°C/2°F increments).
- ④ **MODE Button:** Selects the appropriate operating mode:
COOL Mode --DRY Mode--FAN Mode--HEAT Mode
Note:"Heat Mode" is for Heating/Cooling Models only.
MODE Indicator Lights(Green light): Illuminates under the different mode settings.
- ⑤ **FAN SPEED Button:** Selects High-Medium-Low fan speeds(HI--MED--LO)
FAN Indicator Lights(Green light): Illuminates under the different mode settings:

Fan Options:

- Cooling (3 speeds) **HI--MED--LO.**
- Heating (3 speeds) **HI--MED--LO.**
- Dry-Dehumidifying (1 speed) **HI.**
- Fan (3 speeds) **HI--MED--LO.**

- ⑥ **POWER Button:** Power switch On/Off.
- ⑦ **Water Full Indicator Light:** Flashes red when the water level of the water tank exceeds the maximum set level or if the water tank is not correctly positioned in the cabinet.
- ⑧ **Digital Display Window:** Shows the setting temperature and Auto-On/Off time. While on **DRY** and **FAN** mode, it shows the room temperature.

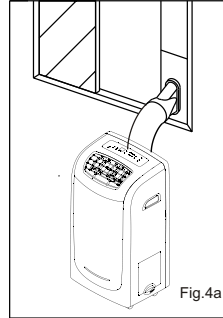
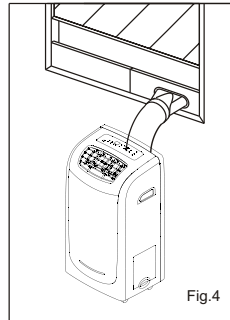
● **Note:** This appliance provides a feature that will allow you the option of setting temperatures in “Celsius” or “Fahrenheit” . To change the temperature display on the main unit, press the “ ⏸ ” key pad & “ ⏪ ” key pad “simultaneously” to alternate between the °C & °F scale.
 .Celsius scale allows adjustments of 1°C increments.
 Fahrenheit scale allows adjustment of 2°F increments.

Temperature Conversion Chart	
°C	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
°F	48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94

OPERATING INSTRUCTING FOR THE AIR CONDITIONER

Before Starting This Unit

- 1) Select a suitable location, make sure you have easy access to an electrical outlet.
- 2) Install the Flexible Exhaust Hose and the Adjustable Window Slider Kit as depicted in Fig.4 & Fig.4a



NOTE: Step 2 is required only while using the “ cooling mode” .

- 3) Plug the unit into a 220-240V~50Hz/ or 115V~ 60Hz (Refer to the nameplate located on the right side of the unit.) grounded electrical outlet. **DO NOT USE A REGULAR EXTENSION CORD.** If it is necessary to use an extension cord with this unit, use an approved air conditioner extension cord only.
- 4) Insert the power cord fixing strap into the hole in the back of the unit, and bundle up the excess cord.
- 5) Make sure the **Water tank** is correctly positioned inside the cabinet otherwise the unit will not operate.
- 6) Press the “POWER” button to turn on the unit.

Electrical Requirement

1. All wiring must comply with local and national electrical codes and be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
2. Check available power supply and resolve any wiring problems BEFORE installation and operation of this unit.
3. For your safety and protection, this unit is grounded through the power cord plug when plugged into a matching wall outlet. If you are not sure whether the wall outlets in your home are properly grounded, please consult a qualified electrician.
4. The manufacturers nameplate is located on the right side panel of the unit and contains electrical and other technical data specific to this unit.
5. To avoid the possibility of personal injury, always disconnect the power supply to the unit before installing and/or servicing.

Operating Instructions

- 1 COOLING OPERATION (Operating temperature range: 17°C-32°C/62°F-92°F)
 - Press the "MODE" button several times until the "COOL" indicator light comes on.
 - Press the "TEMP ADJUST" buttons "▲" or "▼" to select your desired room temperature. The temperature can be set within a range of 17°C-30°C/62°F-88°F.
 - Press the "FAN SPEED" button to choose the fan speed.
- 2 DEHUMIDIFYING OPERATION (Operating temperature range: 13°C-32°C/54°F-92°F)
 - Press the "MODE" button several times until the "DRY" indicator light comes on.
 - Under this mode, you cannot select a fan speed or adjust the temperature. The fan motor operates at High speed.
 - Keep windows and doors closed for the best dehumidifying effect.
 - Do not put the duct to window.
CAUTION: During Cooling and dehumidifying modes, if the compressor cycle is interrupted (unplugged, power failure, etc.) and reinstated immediately thereafter, a compressor protection circuit is automatically self-affected. The compressor cannot operate during a compressor protection condition. It may take about 3 minutes before the protection circuit self-deactivates.(This is normal)
- 3 HEATING OPERATION (Cooling only type without heat feature)
(Operating temperature range:5°C-30°C/41°F-88°F)
 - Press the "MODE" button several times until the "HEAT" indicator light comes on.
 - Press the "TEMP ADJUST" buttons "▲" or "▼" to select your desired room temperature. The temperature can be set within a range of 17°C-30°C/62°F-88°F.
 - Press the "FAN SPEED" button to choose the fan speed.
 - Do not put the duct to window.
- 4 FAN OPERATION
 - Press the "MODE" button several times until the "FAN" indicator light comes on.
 - Press the "FAN SPEED" button to choose the fan speed. The temperature cannot be adjusted.
 - Do not put the duct to window.
- 5 TIMER OPERATION
Setting the on timer:
 - Press the "TIMER ON" button when the air conditioner is off.
 - Continue pressing or keep pressing the "TIMER ON" button to select the time you need the unit start to operate. The time is programmed as :0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0-9.5-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-0.0
 - The starting time is adjustable from 0.0 to 24.Setting the off timer:
 - Press the "TIMER OFF" button when the air conditioner is on.
 - Continue pressing or keep pressing the "TIMER OFF" button to select the time you need the unit stop operation. The time is programmed as :0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0-9.5-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-0.0
 - The turning off time is adjustable from 0.0 to 24.

6 WATER TANK DRAINAGE

A) During Cooling Mode:

- Install the Flexible Exhaust Hose and the Adjustable Window Slider Kit .
- When the water level inside the internal tank reaches a predetermined level, the unit stop operation automatically. The fan motor will continue to operate.
- Carefully remove the water tank from the cabinet and dispose of the water. Replace the water tank back to its original position.

B) During Dehumidifying Mode:

- Remove the drain plug from the back of the unit and connect the drain hose, then connect the other end of the drain hose to the water tank as depicted in Fig.5. So the condensed water will flow into the internal tank through the drain hose.
- When the water tank is full, just pull it out and dispose of the water.

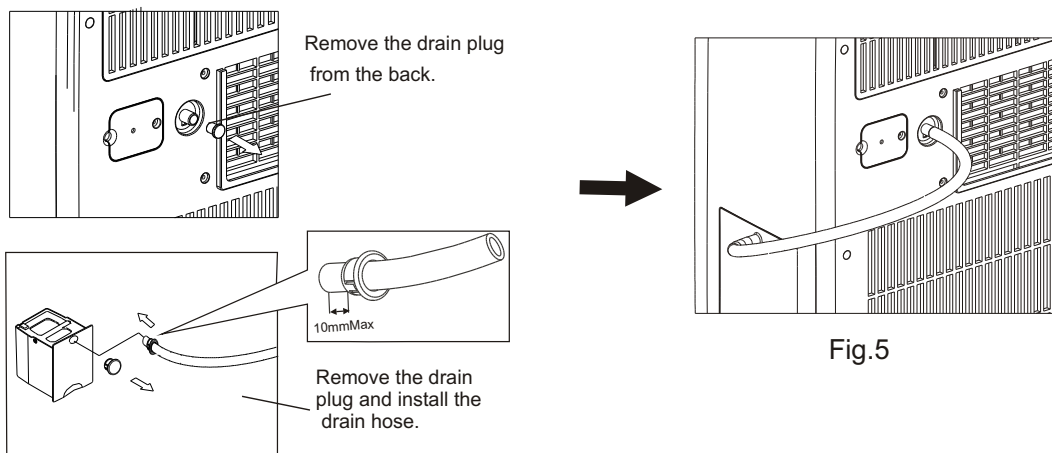
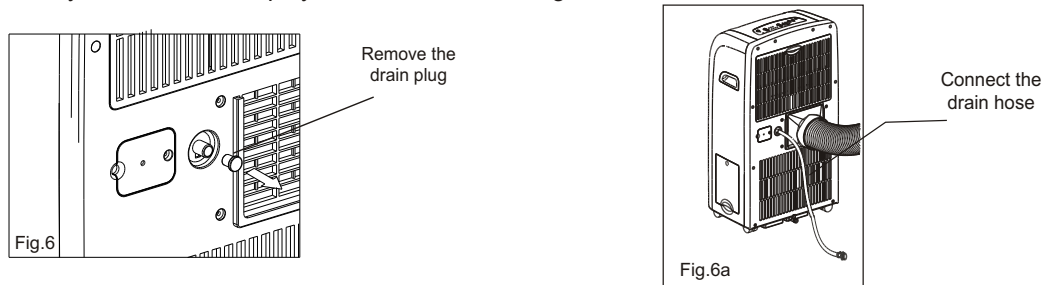


Fig.5

7 CONTINUOUS DRAINAGE

- This unit also has provisions for a continuous drain option.
- During Cooling and dehumidifying modes, remove the drain plug from the back of the unit, install the continuous drain hose(some models not included) , then attach a section garden hose (not included) to the drain hose connector. Place the open end of the hose directly over the drain area in your basement floor. Please refer to Fig.6 & 6a.

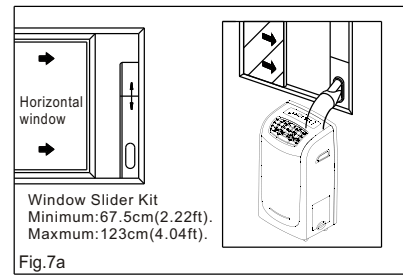
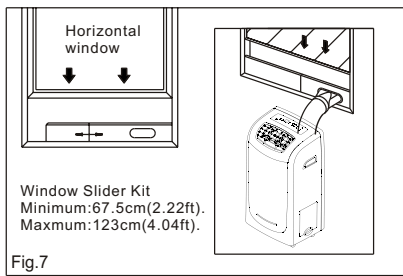
Note: This drain method will reduce the cooling capacity, in order to maintain the best cooling effect, you had better employ the water tank drainage.



INSTALLATION

1. Window Kit Installation

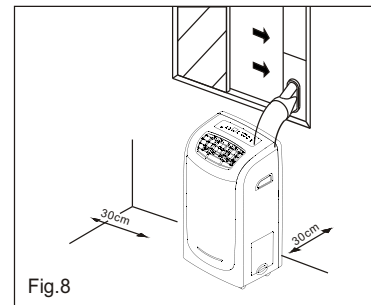
Your window kit has been designed to fit most standard "Vertical" and "horizontal" window applications. However, it may be necessary for you to improvise/modify some aspects of the installation procedures for certain types of window. Please refer to Fig. 7 & Fig. 7a for minimum and maximum window openings.



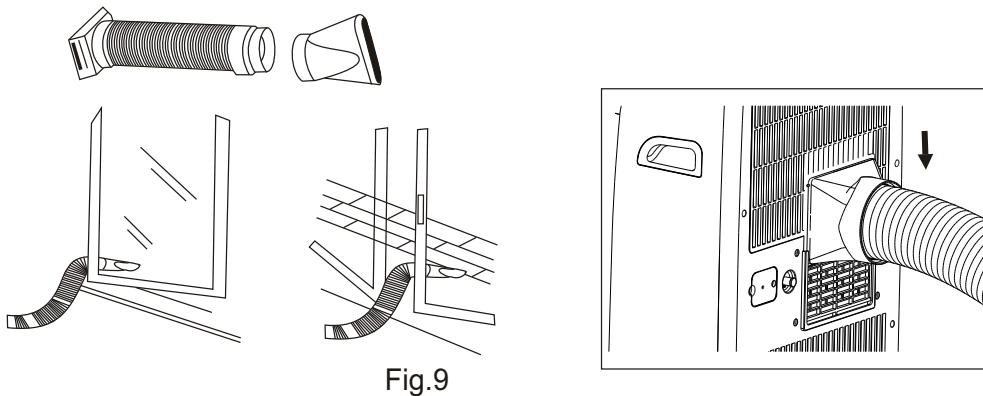
Note: If the window opening is less than the above mentioned minimum length of the window slider kit, cut that one with a hole in it short to fit for the window opening. Do never cut out the hole in window slider kit.

2. IMPORTANT:

Install the mobile air conditioner in a flat and spacious location where the air outlets will not be covered up. A minimum clearance of 30cm from a wall or other obstacles should be kept. The appliance shall not be used in the laundry. The plug shall accessible after appliance is positioned. Wiring shall be done according to National rules.



3. DUCT MOUNT INSTALLATION:



A) TEMPORARY-

1. Attach one end of the duct to the exhaust air outlet of the mobile air condition, push it downwards, be sure to fix thoroughly. (See Fig.9)
2. Attach the other end of the duct to adaptor B.
3. Put the end of duct to a nearby window.

B) PERMANENT-

1. Attach one end of the duct to the exhaust air outlet of the mobile air conditioner. According to the arrow direction, push it downwards, be sure to fix thoroughly. (See Fig.9)
 2. Install the adaptor A onto the wall by using 4 expansion plugs and screws, be sure to fix thoroughly. (See Fig.10)
 3. Attach the other end of the duct to adaptor A.
 4. Cover the hole using the adaptor cap when not in use.
- The duct can be compressed or extended moderately according to the installation requirement, but it is desirable to keep the duct length to a minimum.

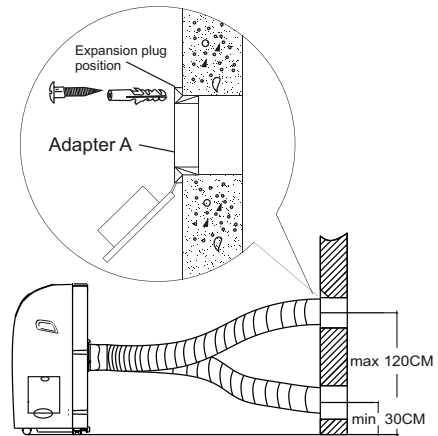


Fig.10

IMPORTANT:

DO NOT OVER BEND THE DUCT (SEE Fig.11)

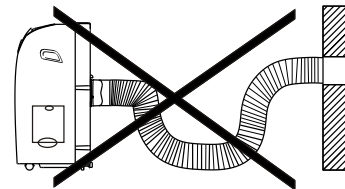


Fig.11

4. WATER TANK SAFETY FEATURE

This unit is equipped with an internal water tank. When the water level reaches a predetermined level, the digital display area shows "P1" and the water full indicator light flashes (red). Carefully remove the water tank from the cabinet and dispose of the water (See Fig.12). Replace the water tank back to its original position. The red light will stop flashing and "P1" symbol will disappear. The unit will continue operating properly.

Note: When drag the water tank out from the cabinet, please do it slowly and slightly to prevent water splashing. Any time when the water tank is removed/displaced, and /or full of water, the water full indicator will flash red and the digital display area show "P1".

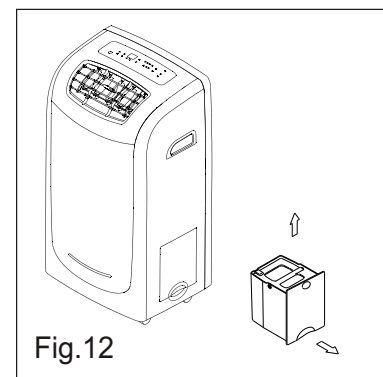


Fig.12

MAINTENANCE

IMPORTANT:

- 1) BE SURE TO UNPLUG THE UNIT BEFORE CLEANING OR SERVICING.
- 2) DO NOT USE GASOLINE, THINNER OR OTHER CHEMICALS TO CLEAN THE UNIT.
- 3) DO NOT WASH THE UNIT DIRECTLY UNDER A TAP OR USING A HOSE. THE ELECTRICAL CAUSE DANGER.
- 4) IF THE POWER CORD IS DAMAGED, IT SHOULD BE REPAIRED BY MANUFACTURE OR ITS AGENCY.

1 AIR FILTER

- Clean the air filter at least once every two weeks to prevent inferior fan operation because of dust.
- Removal
Pull out the filter cover and remove the air filter from the filter cover.
- Cleaning
Wash the air filter by immersing it gently in warm water (about 40°C/104°F) with a neutral detergent. Rinse the filter and dry it in a shady place.
- Mounting
Attach the air filter to the filter cover using the attachment hooks on the inner surface of the cover. Put the filter cover back to the unit.

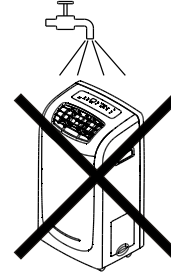


Fig.13

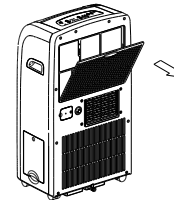


Fig.14

2 UNIT ENCLOSURE

- Use a lint-free cloth soaked with neutral detergent to clean the unit enclosure. Finished by a dry clean cloth.

3 UNIT IDLE FOR A LONG TIME

- When you plan to leave this unit unused for a long time, remove the bottom rubber plug from the back hole and attach a section of the continuous drain hose . All the water in the bottom tray would drain outside through the drain hose.(See Fig.15)
- Wrap the cord and bundle it with the band(see Fig.16).

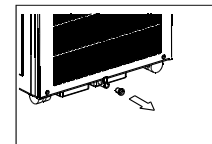


Fig.15

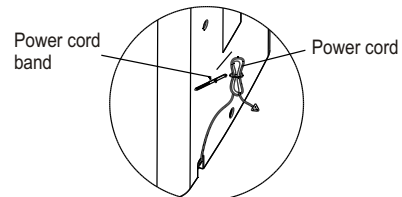


Fig.16

TROUBLE SHOOTING

TROUBLES	POSSIBLE CAUSES	SUGGEST REMEDIES
1. UNIT DOES NOT START WHEN PRESSING POWER BUTTON	- Water full indicator blinks, water tank is full.	Dump the water in the water tank.
	- Room temperature is higher than the set temperature.(Heating mode)	Reset the temperature.
	- Room temperature is lower than the set temperature.(Cooling mode)	Reset the temperature.
2. NOT COOL ENOUGH	- The windows or doors in the room are not closed.	Make sure all the windows and doors are closed.
	- There are heat sources inside the room.	Remove the heat sources if possible.
	- Exhaust air duct is not connected or blocked.	Connect the duct and make sure it can function properly.
	- Temperature setting is too high.	Decrease the set temperature.
	- Air filter is blocked by dust.	Clean the air filter.
3. POWER SHUT OFF AT HEATING MODE	- The automatic over heat protection function. When the temperature at the air outlet exceed 70°C/158°F, the device will stop.	Switch on again after the unit has cool down.
4. NOISY OR VIBRATION	- The ground is not level or not flat enough.	Place the unit on a flat, level ground if possible.
5. GURGLING SOUND	- The sound comes from the flowing of the refrigerant inside the air-conditioner.	It is normal.
6. COMPRESSOR DOES NOT WORK AND THE DIGITAL DISPLAY AREA SHOWS "P2"	- The bottom tray is full	Remove the bottom drain plug and drain the water outside.

LIVART, INC.

LIVART PORTABLE AIR CONDITIONER LIMITED WARRANTY- USA



LIVART, INC. warrants the accompanying LIVART 12000BTU (LPAC-12CRWGR) Portable Air Conditioner to be free of defects in material and workmanship for the applications specified in its operation instruction for a period of ONE (1) year from the date of original retail purchase in the United States.

If the air conditioner exhibits a defect in normal use, LIVART, INC. will, at its option, either repair or replace it, free of charge within a reasonable time after the air conditioner is returned during the warranty period. After the warranty expires, the customer must pay for service and parts if the unit has come to be serviced.

As a condition to any warranty service obligation, the consumer must present this Warranty Certificate along with a copy of the original purchase invoice.

THIS WARRANTY DOES NOT COVER:

- 1) Damage, accidental or otherwise, to the air conditioner while in the possession of a consumer not caused by a defect in material or workmanship;
- 2) Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- 3) Damage to the finish of the case, or other appearance parts caused by wear.
- 4) Filter.
- 5) Damage caused by repairs or alterations of the air conditioner by anyone other than authorized by LIVART, INC.
- 6) Freight and Insurance cost for the warranty service.

ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY ARE LIMITED TO ONE-YEAR DURATION OF THIS EXPRESS LIMITED WARRANTY. LIVART, INC. DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES AND IN NO EVENT SHALL LIVART, INC.'S LIABILITY EXCEED THE RETAIL VALUE OF THE AIR CONDITIONER FOR BREACH OF ANY WRITTEN OR IMPLIED WARRANTY WITH RESPECT TO THIS AIR CONDITIONER

IF YOU HAVE ANY QUESTIONS REGARDING WARRANTY OR DEFECT CONCERNS PLEASE CONTACT US AT:

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2110 S. Tubeway Avenue
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TEL: (323)887-7750
FAX: (323)887-7759
Website: www.lglivart.com

Business Hours:
Monday through Friday 9:00AM to 6:00PM