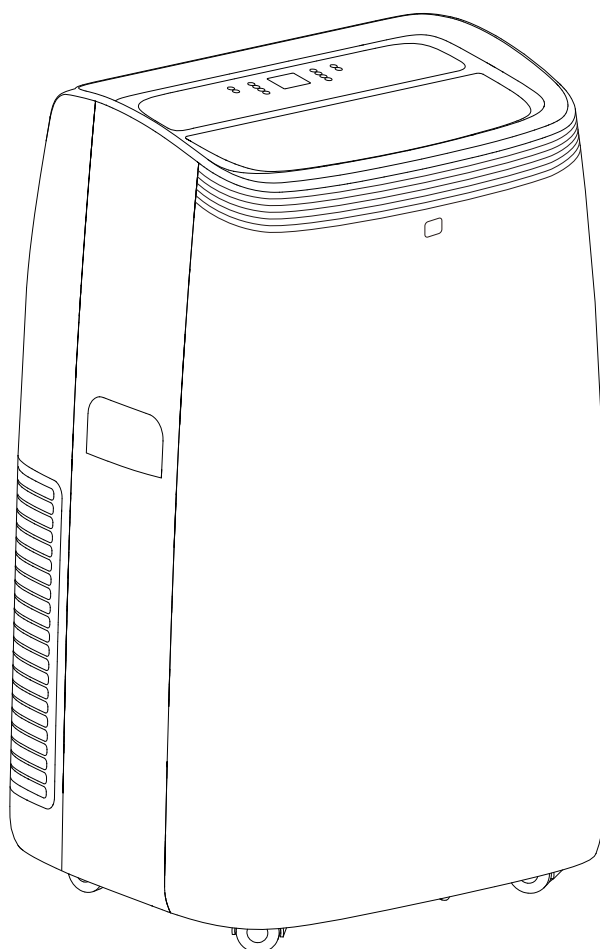


Elite 16

Portable Air Conditioner



INSTRUCTION FOR USE AND MAINTENANCE **EN**



Caution: risk of fire

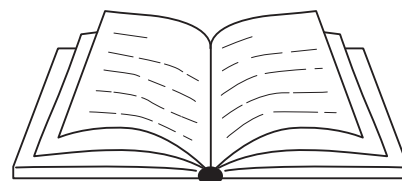


 **OLIMPIA
SPLENDID**
HOME OF COMFORT

WARNINGS

1. The appliance contains R290 gas (A3 flammability classification)
2. The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation. The appliance must be installed, used and stored in a room with a floor surface in compliance with the minimum sizes indicated in the chart at page 10. This appliance contains a quantity of refrigerant gas R290 equal to the one indicated in the data label located on the appliance.
3. This appliance can be used by children aged from 8 years and above and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. (be applicable for the European Countries).
4. This appliance is not intended for use by persons (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. (be applicable for other countries except the European Countries).
5. If the power cable is damaged, it must be replaced by the manufacturer or by its technical support service or by similarly qualified personnel, to prevent any risk to the user.
6. To prevent any electrocution risk, it is essential to disconnect the plug from the power socket before performing any maintenance operation on the appliance.
7. For the correct operation of the appliance, observe the minimum distances and the indications written in this manual.

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DISPOSAL

Treatment: Don't put the abandoned machine with other unsorted waste together.
Such waste shall be placed separately for other special use.

0 - WARNINGS

0.1 - GENERAL INFORMATION

First of all, we would like to thank you for choosing our appliance.

Please refer to detailed information regarding product installation.

The refrigerant used in portable air conditioners is the environmentally friendly hydrocarbon R290.

Please read the instructions before use and repair.

The drawings provided in this manual may not be the same as the actual unit.

0.2 - SYMBOLS

The icons/images in the next chapter provide the necessary information for correct, safe use of the machine in a rapid, unmistakable way.

0.2.1 - Editorial pictograms



Service

Refers to situations in which you should inform the SERVICE department in the company:
CUSTOMER TECHNICAL SERVICE.



Index

Paragraphs marked with this symbol contain very important information and recommendations, particularly as regards safety.

Failure to comply with them may result in:

- danger of injury to the operators
- loss of the warranty
- refusal of liability by the manufacturer.



Raised hand

Refers to actions that absolutely must not be performed.



HAZARD

Indicates that the appliance uses inflammable refrigerant. If the refrigerant escapes and is exposed to a source of external ignition, there is a fire risk.



GENERIC DANGER

It informs the personnel concerned that if the operation is not carried out in compliance with the safety regulations, it presents the risk of suffering physical damage.



ATTENTION

- Indicates that this document must be read carefully before installing and/or using the appliance.
- Indicates that the assistance personnel must handle the appliance following the installation manual.



ATTENTION

- Indicates that there may be additional information in attached manuals.
- Indicates that information is available in the user manual or in the installation manual.



ATTENTION

Indicates that the assistance personnel must handle the appliance following the installation manual.

0.3 - GENERAL WARNINGS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS MUST ALWAYS BE FOLLOWED IN ORDER TO REDUCE RISKS OF FIRE, ELECTRIC SHOCKS AND INJURY, INCLUDING THE FOLLOWING:



To prevent possible damages to the compressor, each start is delayed by 3 minutes with respect to the last switching off.



1. This document is restricted in use to the terms of the law and may not be copied or transferred to third parties without the express authorization of the manufacturer, OLIMPIA SPLENDID.

Our machines are subject to change and some parts may appear different from the ones shown here, without this affecting the text of the manual in any way.



2. Read this manual carefully before performing any operation (installation, maintenance, use) and follow the instructions contained in each chapter.



3. Keep the manual carefully for future reference.

4. After removing the packaging, check that the appliance is in perfect condition. The packaging materials must not be left within reach of children as they can be dangerous.

5. **THE MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGES TO PERSONS OR PROPERTY CAUSED BY FAILURE TO FOLLOW THE INSTRUCTIONS IN THIS MANUAL.**

6. The manufacturer reserves the right to make any changes it deems advisable to its models, although the essential features described in this manual remain the same.



7. The maintenance of equipment for conditioning such as this one may result dangerous since inside this appliance a refrigerant gas under pressure and live electrical components are present.

For this reason, possible maintenance interventions (with the exception of filters cleaning) must be performed exclusively by authorized and qualified personnel.

8. Failing to comply with the instructions contained in this manual, and using the unit with temperatures exceeding the permissible temperature range will invalidate the warranty.

9. Routine maintenance of the filters and general external cleaning can be done by the user as these operations are not difficult or dangerous.

10. During assembly and at each maintenance operation, it is necessary to respect the precautions indicated in this manual and on the labels located inside or on the appliance, as well as to take all the precautions suggested by common sense and by the Safety Regulations in force in the country of installation.



11. In case of replacement of parts, use only original OLIMPIA SPLENDID parts.



12. If the unit is unused for a long period, or no-one uses the climate-controlled room, it is recommended to disconnect the electric power supply in order to prevent accidents.



13. Do not use liquid or corrosive detergents to clean the unit, do not spray water or other liquids onto the unit, since they could damage the plastic components or even cause electric shocks.



14. Do not wet the indoor unit and the remote control. Short circuits or fires may occur.



15. In case of functioning anomalies (for example: abnormal noise, bad smell, smoke, abnormal increase in temperature, electrical dispersions, etc.), immediately switch off the appliance and disconnect the plug from the power socket.
For repair work contact solely the technical service centres authorised by the manufacturer and ask for original spare parts to be used. Failure to do this can affect the safety of the appliance.

16. Do not let the air conditioner run for a long time when the humidity is very high and a door or a windows is left open.

Moisture may condense and wet or damage furniture.



17. Do not disconnect the power plug during functioning.
Fire or electrical shocks hazard.

18. Do not place heavy or hot objects on top of the appliance.
19. Before electrically connecting the appliance, make sure the plate data correspond to those of the distribution network. The power socket must be equipped with a Ground System. The plate (20) is located on the sides of the appliance (Fig.2).
20. Install the appliance according to the manufacturer's instructions. An incorrect installation can cause damage to people, animals or property for which the manufacturer accepts no responsibility.
21. If the appliance's plug is incompatible with the socket, have the socket replaced with a suitable one by a qualified technician, who must ascertain that the section of the socket cables is compatible with the power absorbed by the appliance. We do not recommend using adaptors and/or extension cables. If they cannot be avoided, however, they must comply with current safety regulations and their ampacity (A) must not be below the maximum ampacity of the appliance.
22. This appliance is not intended to be run via an external timer or with a separate remote control system.
23. Always and only use the appliance in a vertical position.
24. Do not obstruct the air inlet and outlet grids in any manner.
25. Do not insert extraneous items in the air inlet and outlet grids as this will create the risk of electrical shocks, fire or damages to the appliance.
26. Do not use the appliance:
- with wet or damp hands;
 - barefoot.
27. Do not pull the power cable or the appliance itself to remove the plug from the socket.
28. Do not use this product under direct sunlight or near a heat source such as a stove, heater or radiator (Fig.3).
29. Do not use the appliance near gas equipment (Fig.3).
30. Always place the appliance on a stable, plane and levelled surface.
31. Leave at least 50cm of free space on both sides and behind the appliance and leave at least 50cm of free space above it (Fig.1).
32. Do not place the appliance near a power socket (Fig.4).
33. The socket must be easily accessible so that the plug can be removed easily in an emergency.
34. Do not handle the plug with wet hands.
35. Do not excessively bend, twist, pull or damage the power cord.
36. Do not run the cord under carpeting, throw rugs or runners etc. Arrange cord away from traffic areas so that it will not be tripped over.
37. Unplug the cord when unit is not in use for an extended period of time and/or when no one is home.
38. Do not use the appliance in particularly moist environments (bathroom, kitchen, etc.).
39. Do not use the appliance outdoors or on wet surfaces. Avoid dropping liquids on the appliance. Do not use the appliance near sinks and taps.
40. Do not immerse the appliance in water or in other liquids.
41. Clean the appliance with a damp cloth; do not use abrasive products or materials. See the appropriate paragraph for the filters cleaning.

42. The most common cause of overheating is dust or lint deposit in the appliance. Regularly remove these accumulations by disconnecting the appliance from the power socket and vacuuming the grids.
43. Do not use the appliance in environments subject to significant temperature changes as condensation could form inside the appliance itself.
44. Install the appliance at at least 2 meters from other electronic devices (TV, radio, computer, dvd player, etc.) in order to avoid disturbances (Fig.6).
45. Do not use the appliance if insecticide gas has just been sprayed in the room or in the presence of burning incenses, chemical vapours or oily residues.
46. Do not use the appliance if the filters are not positioned correctly.
47. Disassembly, repair or reconversion performed by an unauthorized person could cause heavy damages and will cancel the manufacturer warranty.
48. Do not use the appliance in case of malfunctioning or faults, if the cord or plug are damaged, or if it has been dropped or damaged in any manner. Turn the appliance off, disconnect the plug from the socket and let it be checked by professionally qualified personnel.
49. Neither disassemble nor modify the appliance.
50. Repairing the appliance by yourself is extremely dangerous.
51. If you no longer wish to use this appliance, it must be made inoperative by cutting the power supply cable after removing the plug from the power socket. Hazardous parts of the appliance must be rendered harmless, especially as there is a risk of children playing with it.
52. Do not use tools different from those recommended by the manufacturer for the defrosting process and for the appliance cleaning.
53. The appliance is equipped with a thermal protector which preserves the circuit board in case of over-temperature. If this safety device intervenes, disconnect the plug from the power socket and wait for the appliance to completely cool down (at least 20÷30 minutes) and then reconnect the plug to the power socket and restart the appliance. If the appliance doesn't restart, disconnect the plug from the power socket and contact an Assistance Centre.

0.4 - PROPER USE

- The air conditioner must be used exclusively to produce warm* or cold air or to dehumidify air (upon choice) with the only purpose to make the environment temperature comfortable.
- This appliance is only intended for a domestic use or similar.
- An improper use of the appliance with possible damages caused to people, things or animals releases OLIMPIA SPLENDID from any responsibility.

0.5 - HAZARDOUS ZONES

- The climate controllers must not be installed in environments with the presence of inflammable gases, explosive gases, in very humid environments (laundries, greenhouses, etc.), or in places with other machines that generate a strong heat source, in proximity of a sources of salt water or sulphurous water.
- DO NOT use gas, gasoline or other inflammable liquids near to the climate controller.
- Only use supplied components (see paragraph 1.1). The use of non-standard parts may cause water leaks, electric shocks, fires and injuries or damages to things.



This product must be used exclusively according to the specifications indicated in this manual. Use different to that specified, could cause serious injuries. **THE MANUFACTURER IS NOT LIABLE FOR INJURY/DAMAGE TO PERSONS/OBJECTS DERIVING FROM FAILURE TO COMPLY WITH THE REGULATIONS CONTAINED IN THIS MANUAL.**

* Only for version with heat pump

0.6 - WARNINGS FOR R290 REFRIGERANT GAS

1. THE APPLIANCE CONTAINS R290 GAS (FLAMMABILITY CLASSIFICATION A3).
2. THE APPLIANCE SHALL BE STORED IN A WELL-VENTILATED AREA WHERE THE ROOM SIZE CORRESPONDS TO THE ROOM AREA AS SPECIFIED FOR OPERATION.
3. THE APPLIANCE MUST BE INSTALLED, USED AND STORED IN A ROOM WITH A FLOOR SURFACE HIGHER THAN THE ONE INDICATED IN THE CHART.

Quantity of R290 gas in Kg (see data label on the appliance)	Minimum size of the site for use and storage m ²
0,3	15

4. THIS APPLIANCE CONTAINS A QUANTITY OF REFRIGERANT GAS R290 EQUAL TO THE ONE INDICATED IN THE DATA LABEL LOCATED ON THE APPLIANCE.
5. THE APPLIANCE SHALL BE STORED IN A ROOM WITHOUT CONTINUOUSLY OPERATING IGNITION SOURCES (FOR EXAMPLE: OPEN FLAMES, AN OPERATING GAS APPLIANCE OR AN OPERATING ELECTRIC HEATER).
6. Do not pierce or burn.
7. Be aware that the refrigerants may not contain an odour.
8. R290 is a refrigerant gas in compliance with the European directives on environment. Do not pierce any part of the refrigerant circuit.
9. Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
10. Do not use tools different from those recommended by the manufacturer when defrosting and cleaning the appliance.
11. If the appliance is installed, used or stored in a non-ventilated area, the room must be designed to prevent the accumulation of refrigerant leaks with the consequent fire or explosion hazard due to the refrigerant combustion caused by electrical heaters, stoves or others sources of ignition.
12. Compliance with national gas regulations shall be observed.
13. Keep ventilation openings clear of obstruction.
14. The appliance shall be stored so as to prevent mechanical damage from occurring.

15. Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification.



16. Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.

17. TRANSPORT OF EQUIPMENT CONTAINING FLAMMABLE REFRIGERANTS
See transport regulations.

18. MARKING OF EQUIPMENT USING SIGNS
See local regulations.

19. DISPOSAL OF EQUIPMENT USING FLAMMABLE REFRIGERANTS
See national regulations.

20. STORAGE OF EQUIPMENT/APPLIANCES
The storage of equipment should be in accordance with the manufacturer's instructions.

21. STORAGE OF PACKED (UNSOLD) EQUIPMENT
Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.



22. INFORMATION ON SERVICING

a) Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised.

For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

b) Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

c) General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out.

Work in confined spaces shall be avoided.

The area around the workspace shall be sectioned off.

Ensure that the conditions within the area have been made safe by control of flammable material.

- d) Checking for presence of refrigerant
The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres.
Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.
- e) Presence of fire extinguisher
If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available at hand.
Have a dry powder or CO2 fire extinguisher adjacent to the charging area.
- f) No ignition sources
No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion.
All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space.
Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. No Smoking signs shall be displayed.
- g) Ventilated area
Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work.
A degree of ventilation shall continue during the period that the work is carried out.
The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.
- h) Checks to the refrigeration equipment
Where electrical components are being changed, they shall be fit for the purpose and to the correct specification.
At all times the manufacturer's maintenance and service guidelines shall be followed.
If in doubt consult the manufacturer's technical department for assistance.
The following checks shall be applied to installations using flammable refrigerants:
The charge size is in accordance with the room size within which the refrigerant containing parts are installed; The ventilation machinery and outlets are operating adequately and are not obstructed; If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant; Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected; Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

i) Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used.

This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include: That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking; That there no live electrical components and wiring are exposed while charging, recovering or purging the system; That there is continuity of earth bonding.

23. REPAIRS TO SEALED COMPONENTS

a) During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.

b) Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected.

This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.

Ensure that apparatus is mounted securely.

Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.



The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

24. REPAIR TO INTRINSICALLY SAFE COMPONENTS

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use. Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere.

The test apparatus shall be at the correct rating.

Replace components only with parts specified by the manufacturer.

Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

25. CABLING

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects.

The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

26. DETECTION OF FLAMMABLE REFRIGERANTS

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks.

A halide torch (or any other detector using a naked flame) shall not be used.

27. LEAK DETECTION METHODS

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants.

Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area).

Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used

Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed.

Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work.

If a leak is suspected, all naked flames shall be removed/ extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak.

Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

28. REMOVAL AND EVACUATION

When breaking into the refrigerant circuit to make repairs or for any other purpose conventional procedures shall be used.

However, it is important that best practice is followed since flammability is a consideration.

The following procedure shall be adhered to:

- Remove refrigerant;
- Purge the circuit with inert gas;
- Evacuate;
- Purge again with inert gas;
- Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be flushed with OFN to render the unit safe.

This process may need to be repeated several times.

Compressed air or oxygen shall not be used for this task.

Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum.

This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

This operation is absolutely vital if brazing operations on the pipe-work are to take place.

Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

29. CHARGING PROCEDURES

In addition to conventional charging procedures, the following requirements shall be followed.

Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.

Cylinders shall be kept upright.

Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.

Label the system when charging is complete (if not already).

Extreme care shall be taken not to overfill the refrigeration system. Prior to recharging the system it shall be pressure tested with OFN.

The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

30. DECOMMISSIONING

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely.

Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate system electrically.
- c) Before attempting the procedure ensure that:
 - Mechanical handling equipment is available, if required, for handling refrigerant cylinders;
 - All personal protective equipment is available and being used correctly;
 - The recovery process is supervised at all times by a competent person;
 - Recovery equipment and cylinders conform to the appropriate standards.
- d) Pump down refrigerant system, if possible.
- e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
- g) Start the recovery machine and operate in accordance with manufacturer's instructions.
- h) Do not overfill cylinders. (No more than 80 % volume liquid charge).
- i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
- j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

31. LABELLING

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant.

The label shall be dated and signed.

Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

32. RECOVERY

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed.

Ensure that the correct number of cylinders for holding the total system charge is available.

All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order.

Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants.

In addition, a set of calibrated weighing scales shall be available and in good working order.

Hoses shall be complete with leak-free disconnect couplings and in good condition.

Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release.

Consult manufacturer if in doubt.

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged.

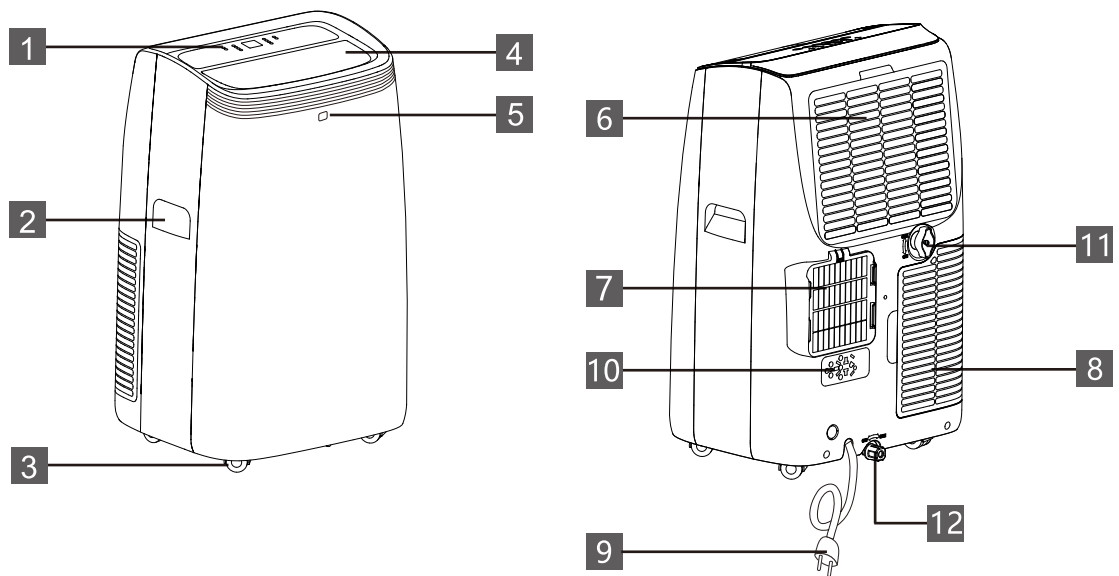
Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant.

The evacuation process shall be carried out prior to returning the compressor to the suppliers.

Only electric heating to the compressor body shall be employed to accelerate this process.

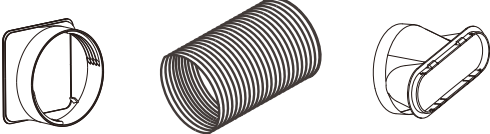
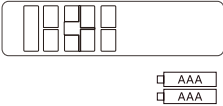
When oil is drained from a system, it shall be carried out safely.

DESCRIPTION



1. Control panel	7. Air outlet grille
2. Handle (both sides)	8.Intake grille
3. Castors	9. Power cable
4. Deflector	10. Plug fixer
5. Remote control receiver	11. Middle drainage
6. Intake grille	12. Condenser drain

ACCESSORIES

PARTS	PARTS NAME	QUANTITY
	Hose inlet Exhaust hose Hose outlet	1 set
	Window slider kit	1 set
	Remote Control Battery	1 set

Note: All the illustrations in this manual are for explanatory purposes only. Your appliance may be slightly different.
Be sure all accessories are removed from the packing before use.

Note: All the illustrations in this manual are for explanatory purposes only. Your appliance may be slightly different. Be sure all accessories are removed from the packing before use.

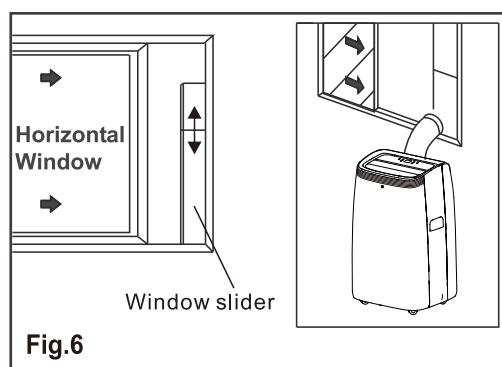
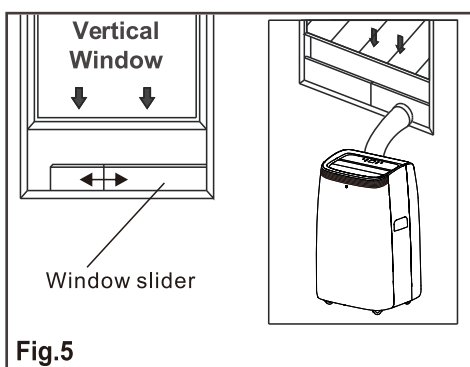
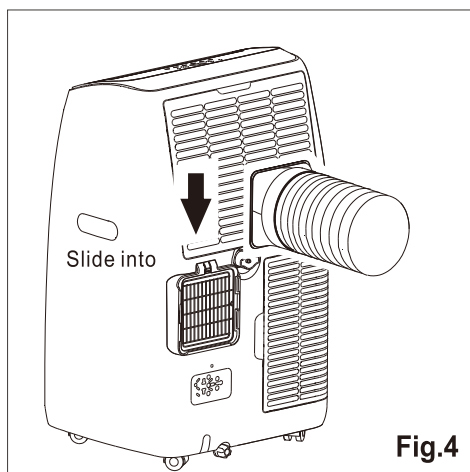
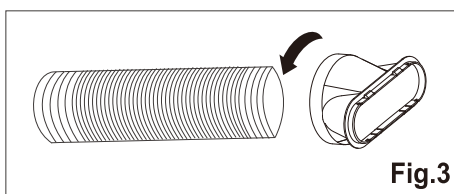
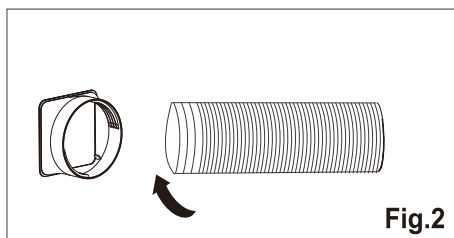
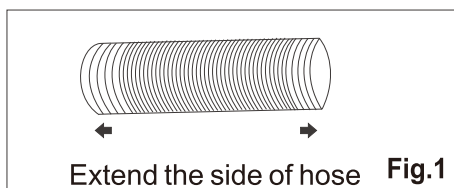
Installation Instructions

EXHAUSTING HOT AIR

When use the appliance in cool mode, the hot air exchange of the condenser must be exhausted out of the room completely.

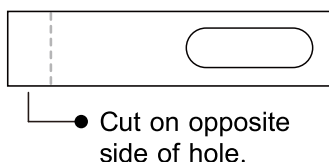
First position unit on a flat floor and make sure there's a minimum of 18"(45cm) clearance around the unit, and is within the vicinity of a single circuit outlet power source.

1. Extend either side of the hose (Fig.1), and screw the hose inlet (Fig.2).
2. Extend the other side of the hose and screw it to the hose outlet (Fig.3).
3. Install the hose inlet into the unit (Fig.4).
4. Affix the hose outlet into the window slider kit and seal. (Fig.5 &6).



The window slider kit has been designed to fit most standard vertical and horizontal window applications, however, it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. The window slider kit can be fastened with screws.

NOTE: If the window opening is less than the minimum length of the window slider kit, cut the end without the hold in it short enough to fit in the window opening. Never cut out the hole in window slider kit.



WINDOW SLIDER KIT INSTALLATION

1: Parts:

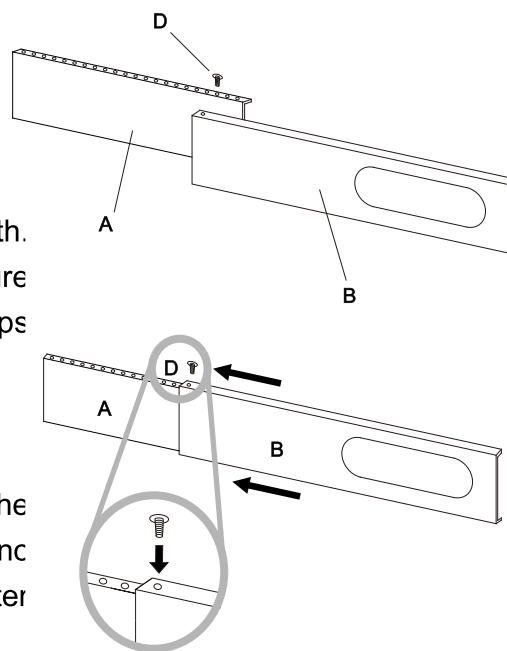
- A) Panel
- B) Panel with one hole
- C) Screw/Pin

2: Assembly:

Slide Panel B into Panel A and size to window width. Windows sizes vary. When sizing the window width, be sure that the window kit assembly is free from gaps from gaps and or air pockets when taking measurements.

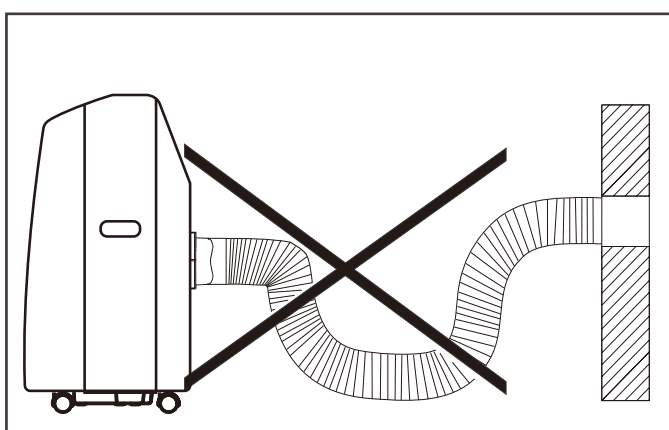
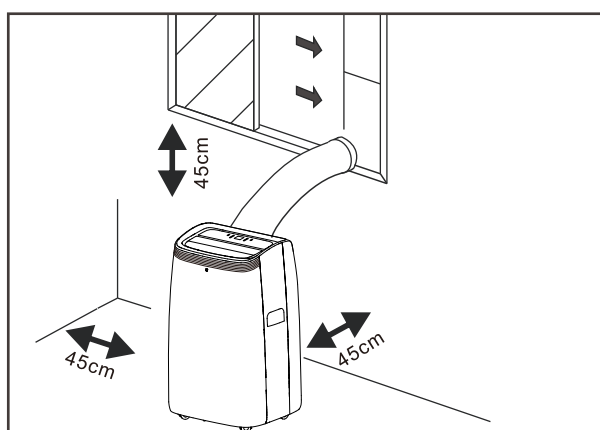
3: Lock the screw/pin

Lock the screw/pin into the holes that correspond. With the width that your window requires to ensure that there are no gaps or air pockets in the window kit assembly after installation.

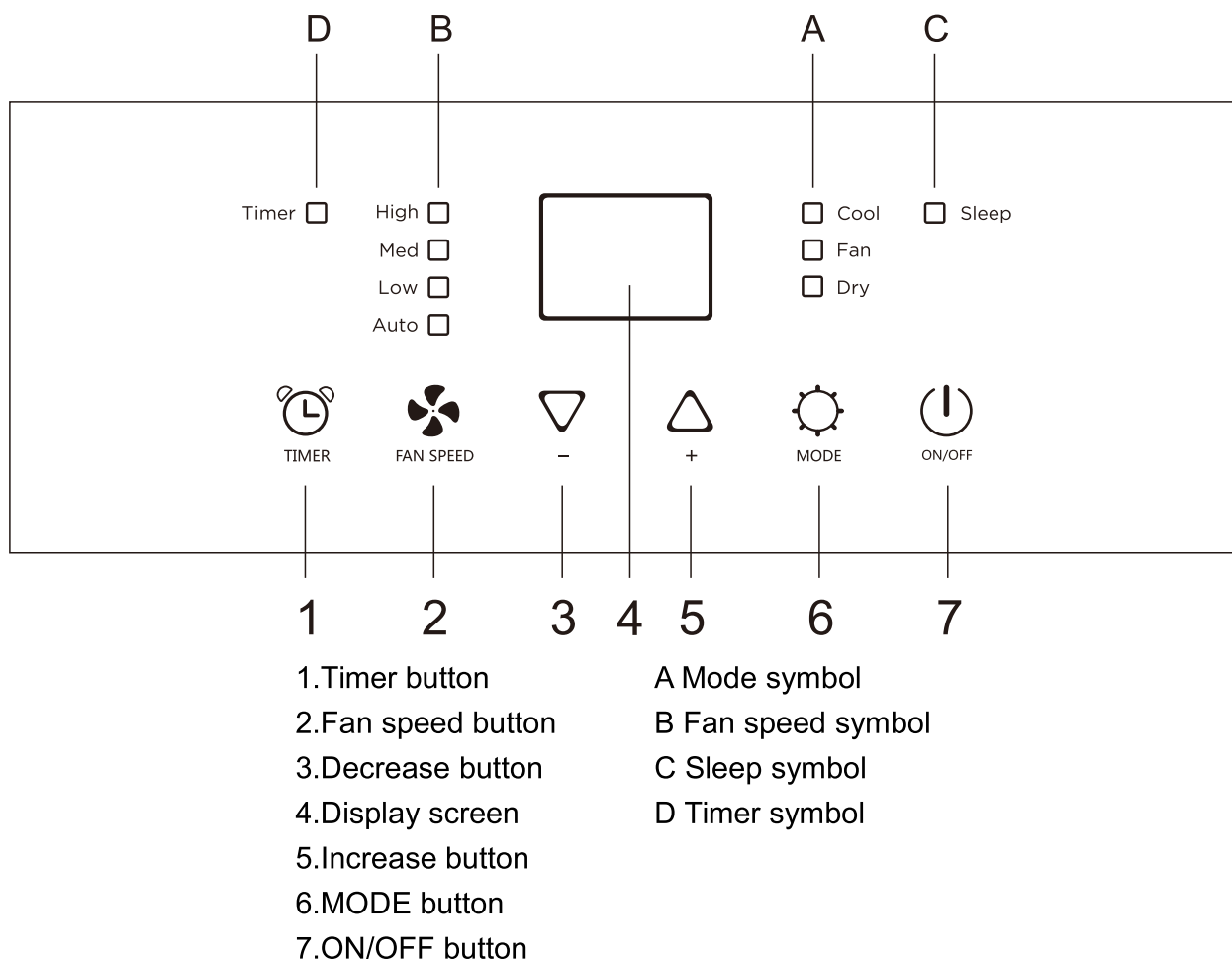


LOCATION

- The unit should be placed on a firm foundation to minimize noise and vibration. For safe and secure positioning place the unit on a smooth, level floor strong enough to support the unit.
- The unit has casters to aid placement, but it should only be rolled on smooth, flat surfaces. Use caution when rolling on carpeted surfaces. Use caution and protect floors when rolling over wood floors. Do not attempt to roll the unit over objects.
- The unit must be placed within reach of a properly rated grounded socket.
- Never place any obstacles around the air inlet or outlet of the unit.
- Allow at least 18" (45cm) of around and above space away from the wall for efficient working.
- The hose can be extended, but it is the best to keep the length to minimum required. Also make sure that the hose does not have any sharp bends or sags.



DESCRIPTION OF THE DISPLAY SCREEN AND CONTROL PANEL



TURNING THE APPLIANCE ON

Plug into the mains socket, then the appliance is standby.

Press the  button to make the appliance turn on. The last function active when it was turned off will appear.



COOL mode

Ideal for hot muggy weather when you need to cooling and dehumidify the room.

To set this mode correctly:

- Press the  button a number of times until the “Cool” symbol appears.
- Select the target temperature 18°C-32°C (64°F-90°F) by pressing the  or  button until the corresponding value is displayed.
- Select the required fan speed by pressing the  button to select the required fan speed: High / Medium / Low / Auto.



The most suitable temperature for the room during the summer varies from 24°C to 27°C (75°F to 81°F). You are recommended, however, not to set a temperature much below the outdoor temperature. The fan speed difference is more noticeable when the appliance is under Fan mode but may not be noticeable under Cool mode.

FAN mode

When using the appliance in this mode, the air hose does not need to be attached.

- Press the  button a number of times until the “Fan” symbol appears.
- Select the required fan speed by pressing the  button.

Three speeds are available: High / Medium / Low.

The screen display “” as high speed, “” as medium speed, “” as low speed.



DRY mode



Ideal to reduce room humidity (spring and autumn, damp rooms rainy periods, etc).

In dry mode, the appliance should be prepared in the same way as for cool mode, with the air exhaust hose attached to enable the moisture to be discharged outside.

To set this mode correctly:

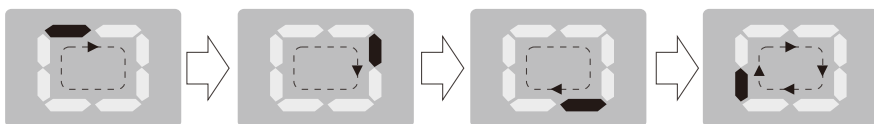
- Press the  button a number of times until the Dry symbol appears. The screen display “”.
- In this mode, fan speed is selected automatically by the appliance and can not be set manually.

SMART mode

The appliance chooses automatically whether to operate in cool, fan or heat (certain models only) mode.

To set this mode correctly:

- Press the  button a number of times until the screen show like below:



- Select the required fan speed by pressing the  button to select the required fan speed: High / Medium / Low / Auto.

If the appliance is cooling only model, the unit operates in Fan mode when the room temperature is below 23°C (73°F), and Cool mode when the room temperature is above 23°C (73°F).
when the room temperature is from 20°C (68°F) to 23°C (73°F), and Cool mode when the room temperature is above 23°C (73°F).

SETTING THE TIMER

-This timer can be used to delay the appliance start-up or shutdown, this avoids wasting electricity by optimizing operating periods.

Programming start up

- Turn on the appliance, choose the mode you want, for example cool, 24°C, high fan speed. Turn off the appliance.
- Press the  button, the “ Timer ” symbol and number of hours flash.
- Press the "  " / "  " button until the corresponding time is displayed.
- Wait about 5 seconds, the timer will be active, the “ Timer ” symbol is light.
- Press again the Timer button  or the  button, the timer will be canceled, and the “Timer” symbol will disappear from screen.

Programming shut down

- When the appliance is running, press the  button, the “ Timer ” symbol and number of hours flash.
- Press the "  " / "  " button until the corresponding time is displayed.
- Wait about 5 seconds, the timer will be active, the “ Timer ” symbol is light.
- Press again the Timer button  or the  button, the timer will be canceled, and the “Timer” symbol will disappear from screen.

Change the display from Fahrenheit – Celsius

When the appliance is running, hold on “” and “” button together 3 seconds by the same time, then you can change the unit of temperature.

For example:

Before change, in cool mode, the screen display like fig1.

After change, in cool mode, the screen display like fig2.



Fig.1



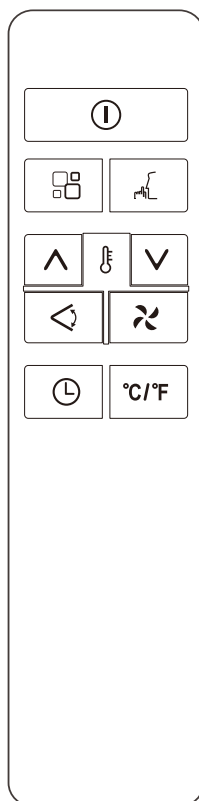
Fig.2

SELF-DIAGNOSIS

The appliance has a self diagnosis system to identify a number of malfunctions.
Protection tips are displayed on the appliance display.

IF IS DISPLAYED	WHAT SHOULD I DO?
 PROBE FAILURE (sensor damaged)	If this is displayed, contact your local authorize service centre.
 FULL TANK (safety tank full)	Empty the internal safety tank, following the instructions in the "End of season operations" paragraph.

Remote Control

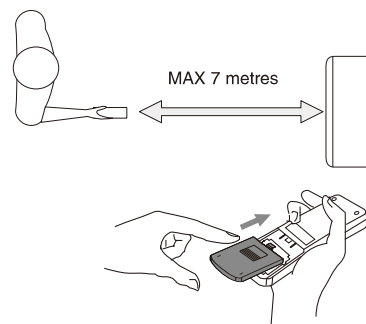


	ON/OFF button
	Mode button
	Sleep button
	Increase button
	Decrease button
	Fan speed button
	Swing button
	Timer button
	Unit Switch button

- ✓ Point the remote control at the receiver on the appliance.
- ✓ The remote control must be no more than 7 meters away from the appliance (without obstacles between the remote control and the receiver).
- ✓ The remote control must be handled with extreme care. Do not drop it or expose it to direct sunlight or sources of heat.
- ✓ If the remote control do not work, please try to take out the battery, and put it back again.

INSERTING OR REPLACING THE BATTERIES

- Remove the cover on the rear of the remote control;
- Insert two "AAA" 1.5V batteries in the correct position (see instructions inside the battery compartment);



NOTE:

- ✓ If the remote control unit is replaced or disposed of, the batteries must be removed and discarded in accordance with current legislation as they are harmful to the environment.
- ✓ Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- ✓ Do not dispose of batteries in fire. Batteries may explode or leak.
- ✓ If the remote control is not be used for a certain length of time, remove the batteries.

COOL mode

Ideal for hot muggy weather when you need to cooling and dehumidify the room.



To set this mode correctly:

- Press the “” button a number of times until the “Cool” symbol light appears.
- Select the target temperature 18°C-32°C (64°F-90°F) by pressing the “^” or “v” button until the corresponding value is displayed.
- Select the required fan speed by pressing the “” button. Different fan speed have different function. Four speeds are available: High / Medium / Low / Auto.

The most suitable temperature for the room during the summer varies from 24°C to 27°C (75°F to 81°F). You are recommended, however, not to set a temperature much below the outdoor temperature. The fan speed difference is more noticeable when the appliance is under FAN mode but may not be noticeable under COOL mode.

FAN mode

When using the appliance in this mode, the air hose does not need to be attached.

- Press the “” button a number of times until the “Fan” symbol light appears.
- Select the required fan speed by pressing the “” button.

Three speeds are available: High / Medium / Low.

The screen display “ ” as high speed, “ ” as medium speed, “ ” as low speed.



DRY mode

Ideal to reduce room humidity (spring and autumn, damp rooms rainy periods, etc).

In dry mode, the appliance should be prepared in the same way as for cool mode, with the air exhaust hose attached to enable the moisture to be discharged outside.

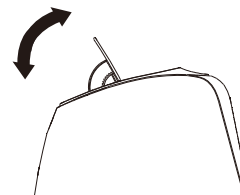
To set this mode correctly:

- Press the “” button a number of times until the “Dry” symbol light appears, the screen will appear “dh” ;
- In this mode, fan speed is selected automatically by the appliance and default low speed fan.



SWING function

- Press the  button to start swing function,
- The louver will swing up and down.

**SLEEP function**

This function is useful for the night as it gradually reduces operation of the appliance.

To set this function correctly:

- Select the cool or heat mode as described above.
- Press the “” button.

The appliance operates in the previously selected mode.

When you choose the sleep function, the screen will reduce the brightness, and the fan speed is low.

The SLEEP function maintains the room at optimum temperature without excessive fluctuations in either temperature or humidity with silent operation. Fan speed is always at Low, while room temperature and humidity vary gradually to ensure the most comfortable.

When in COOL mode, the selected temperature will increase by 1°C (1°F) per hour in a 2 hour period.

This new temperature will be maintained for the next 6 hours. Then the appliance turn it off.

The SLEEP function can be canceled at any time during operation by pressing the "Sleep", "Mode" or "fan speed" button.

In FAN mode, SLEEP function cannot be set.

SETTING THE TIMER

-This timer can be used to delay the appliance start up or shutdown, this avoids wasting electricity by optimizing operating periods.

Programming start up

- Turn on the appliance, choose the mode you desire, for example cooling, 24°C and high fan speed.
Turn off the appliance.
- Press the  button, the screen will display 1-24 hours.
- Press several times until the corresponding time is displayed. Wait about 5 seconds, the timer will be active, then “Timer” symbol is displayed on screen.
- Press again the “” button, the timer will be canceled, and the “Timer” symbol will disappear from screen.

Programming shut down

- Under the running of appliance, please press the  button, the screen will display 1-24 hours.
- Press several times until the corresponding time is displayed. Wait about 5 seconds, the timer will be active, then "Timer" symbol is displayed on screen.
- Press again the " " button, the timer will be canceled, and the "Timer" symbol will disappear from screen.

Switch the unit of temperature

Press the  button, then you can change the unit of temperature.

For example:

Before change, in cool mode, the screen display like fig1.

After change, in cool mode, the screen display like fig2.



Fig.1

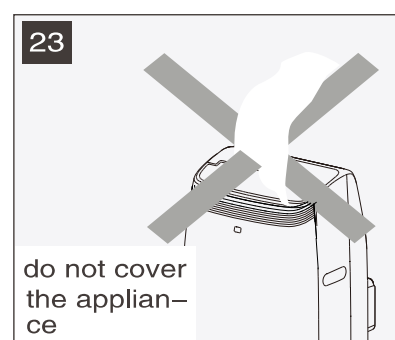
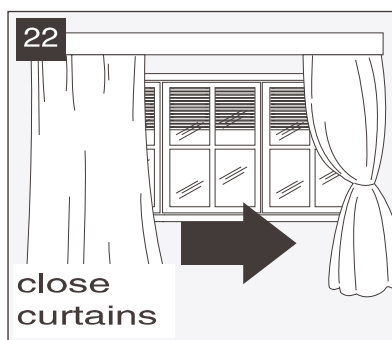


Fig.2

TIPS FOR CORRECT USE

To get the best from your appliance, follow these recommendations:

- Close the windows and doors in the room to be air conditioned (fig. 21). When installing the appliance semi-permanently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation;
- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds to make the appliance much more economical to run (fig. 22);
- Never rest objects of any kind on the appliance;
- Do not block the air inlet or outlet of the appliance. Reduced air flow will result in poor performance and could damage the unit (fig. 23).
- Make sure there are no heat sources in the room;
- Never use the appliance in very damp rooms (laundries for example).
- Never use the appliance outdoors.
- Make sure the appliance is standing on a level surface. If necessary, place the castor locks under the front wheels.



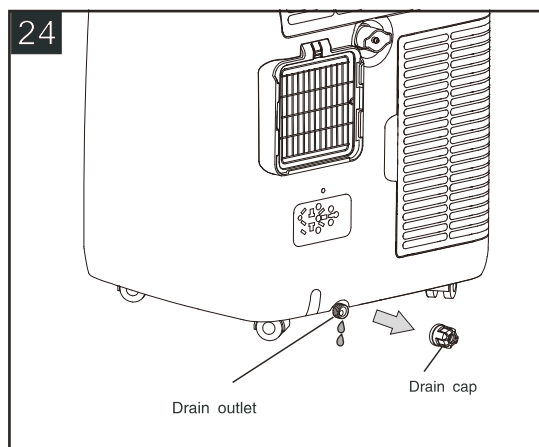
WATER DRAINAGE METHOD

When there is excess water condensation inside the unit, the appliance stops running and shows “Ft” (FULL TANK as mentioned in SELF-DIAGNOSIS). This indicates that the water condensation needs to be drained using the following procedures:

Manual Draining (fig.24)

Water may need to be drained in high humidity areas

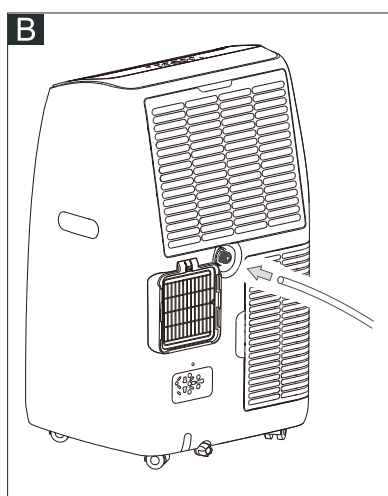
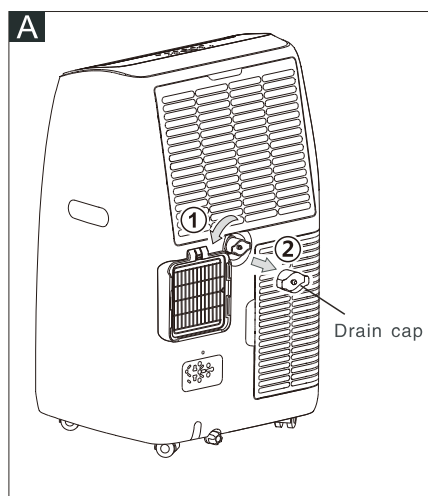
1. Unplug the unit from power source.
2. Place a drain pan under the lower drain plug. See diagram.
3. Remove the lower drain plug.
4. Water will drain out and collect in the drain pan (not supplied).
5. After the water is drained, replace the lower drain plug firmly.
6. Turn on the unit.



Middle drainage

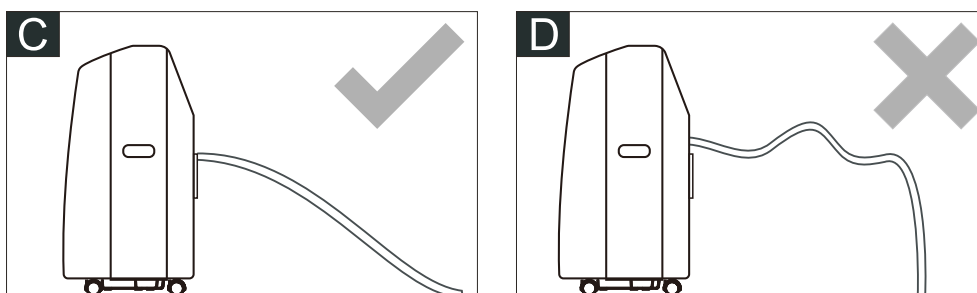
When unit running in Dry mode, you can choose the way below to drainage.

1. Unplug the unit from the power source.
2. Remove the drain plug (fig A). While doing this operation some residual water may spill so please have a pan to collect the water.
3. Connect the drain hose (1/2" or 12.7mm, maybe not supplied). (fig B)
4. The water can be continuously drained through the hose into a floor drain or bucket.
5. Turn on the unit.



NOTE

Please be sure that the height of and section of the drain hose should not be higher than that of the drain outlet, or the water tank may not be drained. (fig.C and fig.D)

**CLEANING**

Before cleaning or maintenance, turn the appliance off by pressing the  button on the control panel or remote control, wait for a few minutes then unplug from the mains socket.

CLEANING THE CABINET

You should clean the appliance with a slightly damp cloth then dry with a dry cloth.

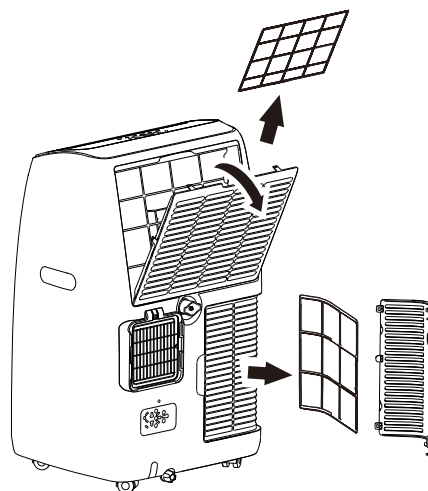
- Never wash the appliance with water. It could be dangerous.
- Never use petrol, alcohol or solvents to clean the appliance.
- Never spray insecticide liquids or similar.

CLEANING THE AIR FILTERS

To keep your appliance working efficiently, you should clean the filter every month of operation. The filter can take out like fig below.

To avoid possible cuts, avoid contacting the metal parts of the appliance when removing or re-installing the filter. It can result in the risk of personal injury.

Use a vacuum cleaner to remove dust accumulations from the filter. If it is very dirty, immerse in warm water and rinse a number of times. The water should never be hotter than 40°C (104°F). After washing, leave the filter to dry then attach the intake grille to the appliance.



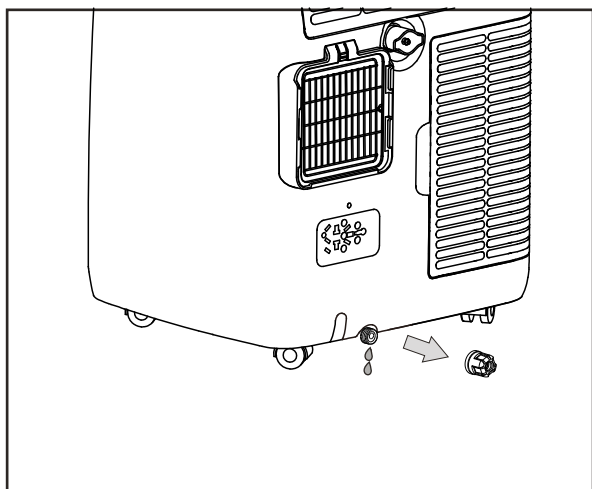
START-END OF SEASON OPERATIONS

START OF SEASON CHECKS

Make sure the power cable and plug are undamaged and the earth system is efficient.
Follow the installation instructions precisely.

END OF SEASON OPERATIONS

To empty the internal circuit completely of water, remove the cap.
Run off all water left into a basin. When all the water has been drained, put the cap back in place.
Clean the filter and dry thoroughly before putting back.



Strictest operation environment:

Cooling mode: 18°C-35°C (64°F-95°F) , 30%RH~90%RH

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The appliance does not come on	• There is no current • It is not plugged into the mains • The internal safety device has tripped	• Wait • Plug into the mains • Wait 30 minutes, if the problem persists, contact your service center
The appliance works for a short time only	• Here are bends in the air exhaust hose • Something is preventing the air from being discharged	• Position the air exhaust hose correctly, keeping it as short and free of curves as possible to avoid bottlenecks • Check and remove any obstacles obstructing air discharge
The appliance works, but does not cool the room	• Windows, doors and/or curtains open	• Close doors, windows and curtains, bearing in mind the "tips for correct use" given above
	• There are heat sources in the room (oven, hairdryer, etc)	• Eliminate the heat sources
	• The air exhaust hose is detached from the appliance	• Fit the air exhaust hose in the housing at the back of the appliance
	• The technical specification of the appliance is not adequate for the room in which it is located	
During operation, there is an unpleasant smell in the room	• Air filter clogged	• Clean the filter as described above
The appliance does not operate for about three minutes after restarting it	• The internal compressor safety device prevents the appliance from being restarted until three minutes have elapsed since it was last turned off	• Wait. This delay is part of normal operation
The following message appears on the display: PF / FE	• The appliance has a self diagnosis system to identify a number of malfunctions	• See the SELF-DIAGNOSIS Chapter

Warranty Terms & Conditions

1. OLIMPIA SPLENDID warrants to the original retail purchaser only, that this product is free from defects in material and workmanship under normal domestic use and authorises free service during the warranty period at any OLIMPIA SPLENDID authorised centre only.
2. OLIMPIA SPLENDID warranty only applies to products purchased, used and serviced in Australia.
3. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table from the date of purchase.
4. All parts, are warranted as specified in Warranty Periods Table and will be repaired or replaced at the sole judgement of OLIMPIA SPLENDID.
5. Normal customer maintenance as described in the owner's manual is not covered by this warranty.
6. This warranty does not apply to equipment showing abuse, damage or that it may have been tampered with, altered or repaired outside any OLIMPIA SPLENDID authorised service centre. If so, the warranty will be void.
7. No one is authorised to assume any liability on behalf of OLIMPIA SPLENDID or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.
8. In no event will OLIMPIA SPLENDID be responsible or liable for indirect or consequential damages from interrupted operations or other causes.

OLIMPIA SPLENDID PRODUCT	WARRANTY PERIOD
Air conditioners without outdoor unit	5 years
Ceramic heaters	2 years
Dehumidifiers	3 years
Fan heaters	1 year
Panel heaters	5 years
Portable Air conditioners	3 years

Please keep your receipt as proof of purchase for a valid warranty

Our goods come with a guarantee that cannot be excluded under the Australia Consumer law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. If you have any queries regarding your product or its warranty please find contacts below.

CONTACT US:

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TOLL FREE: 1300 664 768

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