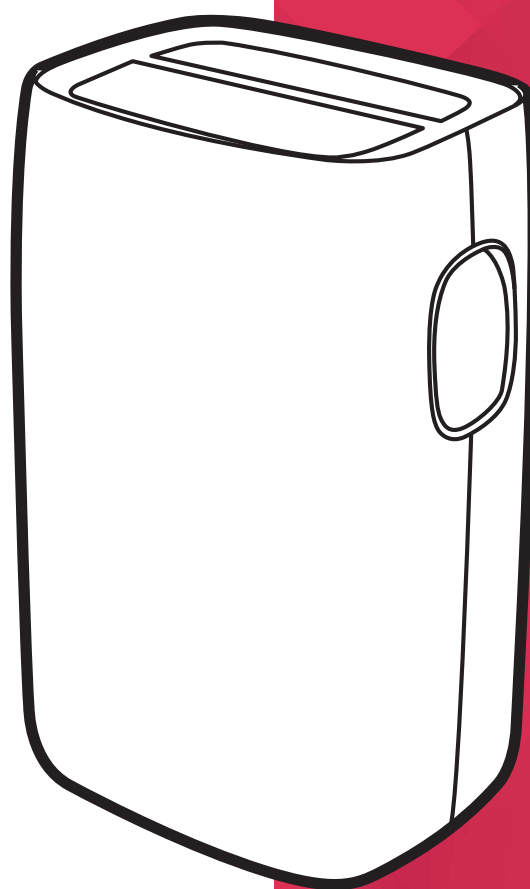




INSTRUCTION MANUAL



Portable Air Conditioner

Model: GDPAC32RC

For domestic household use only.



IMPORTANT

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.

Note also the information presented on the appliance

CAUTION: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/OR DAMAGE AND MAY INVALIDATE YOUR WARRANTY

Please read the operating instructions carefully before using your Portable Air Conditioner for the first time and keep them in a safe place.

WARNING – This appliance must not be used in a bathroom.

WARNING – Do not use this appliance in the immediate surroundings of a bath, a shower or a swimming pool.

- If the mains lead is damaged it must only be replaced by the manufacturers service agent or a similarly qualified person in order to avoid a hazard.
- 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.
- Children should be supervised to ensure they do not play with the appliance.
- Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.
- Never immerse the appliance in water or other liquids.
- Operate this unit only on a firm, flat surface to avoid the risk of water leakage. Ensure that the unit is kept upright at all times.
- Do not place on soft, unstable or non-horizontal/angled surfaces.
- Never operate the appliance if a cable or connector has been damaged, after appliance malfunction or if the appliance was dropped or is otherwise damaged.
- Please ask a professional service agent to repair the product. Improper repair may cause danger to users.
- Disconnect the appliance from mains power whenever it is not in use, before relocating it, and before cleaning.
- Operate the appliance only at the voltage specified on the rating label.
- Only connect the unit to a properly installed and easily accessible socket so that you can quickly disconnect the plug if necessary.
- Do not connect this product to the mains using an extension lead.
- This product is only intended for **INDOOR RESIDENTIAL** applications. This product should not be used for commercial or industrial or leisure applications or in small enclosed spaces.
- Never use the mains lead as a carrying strap or pulling lead.

- To avoid a fire or electrocution hazard, **NEVER** put the cord near heat registers, radiator, stoves or heaters.
- **DO NOT** cover cord with carpeting, throw rugs, runners, or similar coverings.
- **DO NOT** route cord under furniture or appliances. Take care to position the cord away from traffic areas and where it will not be a tripping hazard.
- **DO NOT** use the unit near windows or where water collects. Rain and water collection may lead to a risk of fire or electric shock.
- Only operate this appliance with a minimum of 50cm clearance all around i.e. away from walls, furniture and overhanging objects such as curtains or a shelf.
- **WARNING:** To avoid danger of suffocation please remove all packaging materials particularly plastic and EPS and keep these away from vulnerable people, children and babies.
- **NEVER** drop or insert any object or fingers into any openings.
- Do not cover or obstruct the air inlet and outlets.
- Do not use the appliance in locations where paint, petrol or other flammable liquids are used or stored.
- Do not use bug sprays or other flammable cleansers/vapour sprays on or around the unit.
- Always switch off the unit and take the plug out of the socket:
- If you are not using the unit
- Before you clean or carry out maintenance on the unit
- If a fault occurs
- In the event of an electrical storm.
- Avoid electromagnetic interference. Keep the unit at least 1 metre away from electrical appliances such as televisions & radios.
- The air conditioner must always be stored and transported upright. In case of doubt we suggest you wait for at least 24 hours before operation. (Please keep unit upright at all times).
- This portable air conditioner is fitted with a compressor delay protection circuit. This protects the unit from possible damage due to rapid starting and stopping of its compressor. The compressor will begin operating 3 minutes after the unit has been switched **ON** or if the mode is changed from dehumidify to cooling.
- It is hazardous for anyone other than an Authorised Service Person to service this appliance. In Queensland - the authorised Service Person **MUST** hold a Gas Work Authorisation for hydrocarbon refrigerants to carry out servicing or repairs where the gas system is being opened or charged.
- This appliance shall be installed in accordance with national wiring regulations.



WARNING: For using R290 refrigerant. This symbol shows that this appliance uses a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.

CAUTION: RISK OF FIRE/FLAMMABLE MATERIALS. THE APPLIANCE MUST BE INSTALLED, USED & STORED IN AN AREA THAT IS GREATER THAN 13m².



NB: These symbols on your device mean:

- This appliance is filled with Propane gas R290. Follow strictly the manufacturer's instruction concerning use and repairs!
- Before using this appliance, you must carefully read the entire instruction manual.
- Do not install, operate or store the device in a room with a floor area smaller than 13m².
- Repairs must be performed based on the recommendations from the manufacturing company.
- Note also the information presented on the appliance.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall NOT be stored in a room with continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odour.
- The appliance should be installed, operated and stored in a room with a floor area according to the amount of refrigerant to be charged. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself. When there are differences between the label and the manual on the Min. room area description, the description on label shall prevail.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- 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.
- 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.

1. Transport of equipment containing flammable refrigerants - see transport regulations
2. Marking of equipment using signs - see local regulations
3. Disposal of equipment using flammable refrigerants - see national regulations.
4. Storage of equipment/appliances - The storage of equipment should be in accordance with the manufacturer's instructions.
5. 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.
6. Information on servicing
 - **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.
 - **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.
 - **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.
 - **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.
 - **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 to hand. Have a dry powder or CO₂ fire extinguisher adjacent to the charging area.
 - **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.
 - **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.

- **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.

- **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.

- **Repairs to sealed components**

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.

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.

NOTE: 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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

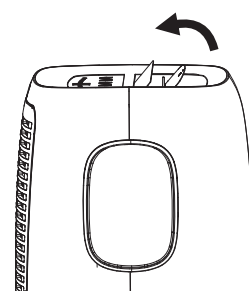
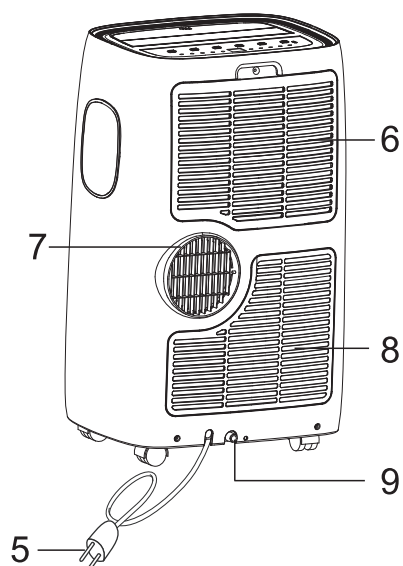
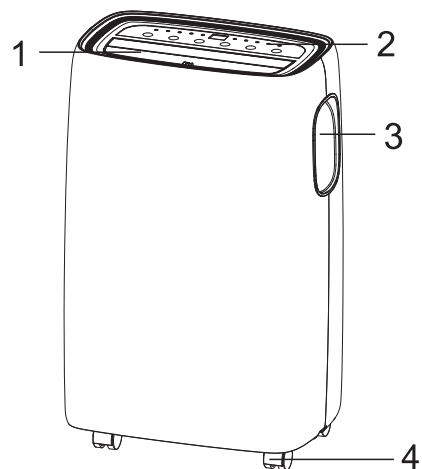
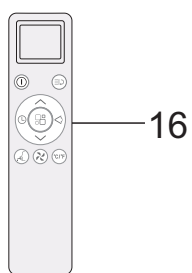
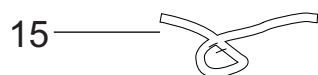
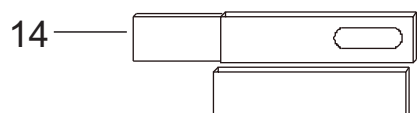
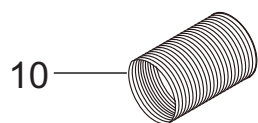
Specification

Model no.	GDPAC32RC
Rated voltage	220-240V~ 50Hz
Operating Temperature Cooling / Heating	18-35°C / 10-25°C
Rated Power Input	1640W
Cooling and Heating Capacity	3.3kW/2.9kW
Noise level	65dB
Product size (w x d x h)	445 x 370 x 715mm
Weight (gross)	35kg

- For greater precision, please always refer to the rating label placed on the product.

Parts

1. Air outlet
2. Control panel
3. Carry handle
4. Castors/wheels
5. Power cord
6. Air filter
7. Air exhaust
8. Air intake grill
9. Drain hole
10. Exhaust hose
11. Window kit adaptor
12. Exhaust hose connector
13. Window kit Adaptor Extension
14. Window kit
15. Drainage hose
16. Remote control
17. Rubber plug
18. Screws
19. Foam seal



*Open the louvre before using the unit

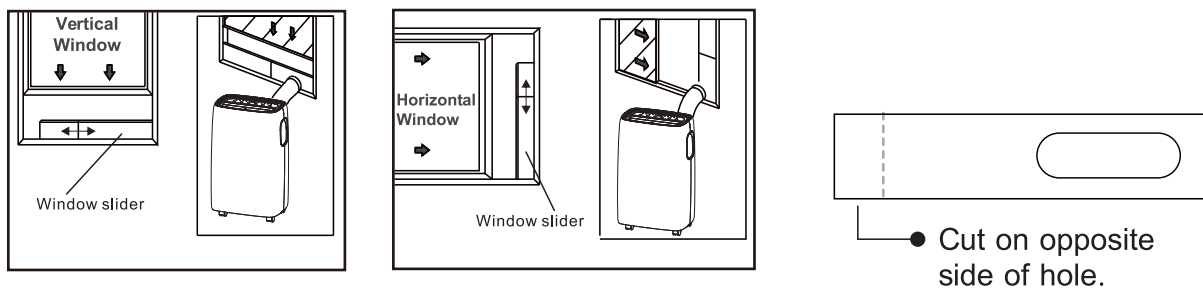
Installation Instructions

WARNING: The air conditioner is heavy, use two or more people to lift and install the unit.

WINDOW SLIDER KIT INSTALLATION

Your window slider kit has been designed to fit most standard “Vertical” and “Horizontal” window applications; however, it may be necessary for you to improvise/modify some aspect of the installation procedures for certain window types . Minimum and maximum window openings:

NOTE: If the window opening is less than 0.5m the minimum length of the window slider kit, cut the one with a hole in it shorter to fit for the window opening. Never cut out the hole in window slider kit.



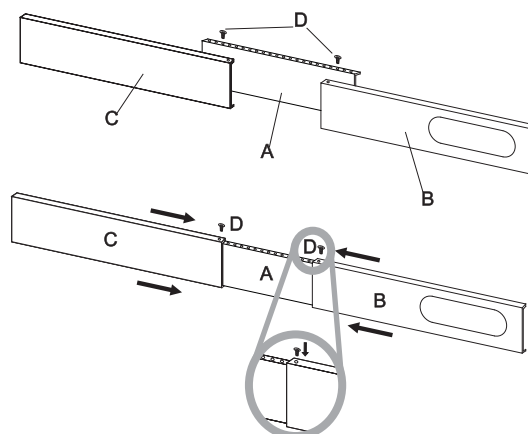
Parts:

- A. Panel
- B. Panel with one hole
- C. Panel without hole
- D. Screw to lock window kit in place

Assembly:

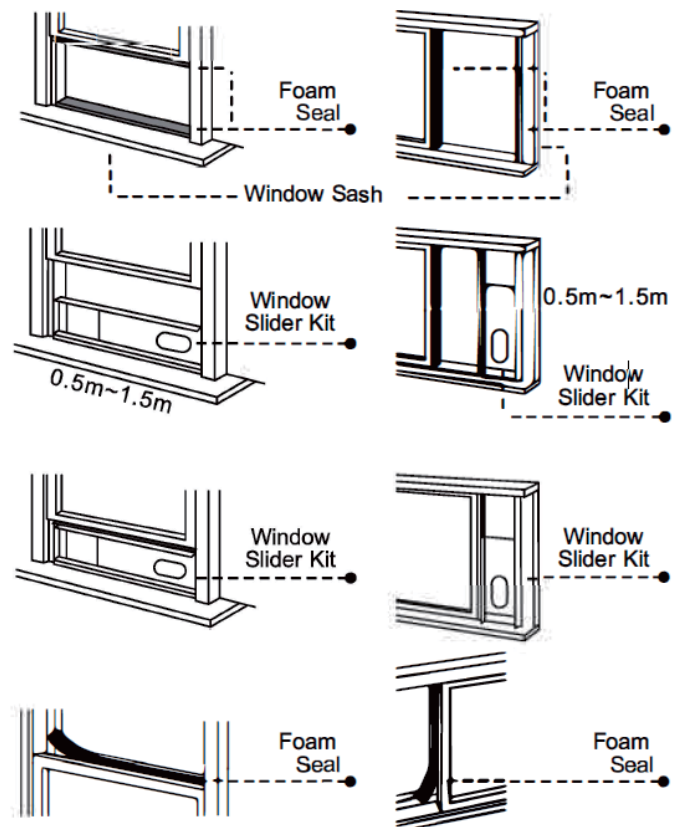
Slide Panel B and C into Panel A and size to window width. Windows sizes vary. When sizing the window width, be sure that the window kit assembly is free from gaps and/or air pockets when taking measurements.

Lock the screw 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.



DOUBLE-HUNG/SASH/SLIDING CASEMENT WINDOW INSTALLATION

1. Cut the foam seal (adhesive type) to the proper length and attach it to the window sash.
2. Attach the window slider kit to the window sash. Adjust the length of the window slider kit according to the adjustable window kit if the width of the window is less than 0.5m.
3. Cut the foam seal (adhesive tape) to the proper length and attach it to the window panes that slides open and closed (so that it goes between the sliding window pane and the slider kit).
4. Close the window securely against the window slider kit.
5. Secure the window slider kit to the window sash.
6. Cut the foam seal to an appropriate length and seal the open gap between the top window frame and outer window frame.



EXHAUST HOSE INSTALLATION

The air exhaust hose and hose inlet must be installed or removed from the portable air conditioner in accordance with the way it is being used:

COOL, AUTO, DEHUMIDIFY, HEAT: Air exhaust hose and hose inlet should be connected to the portable air conditioner.

FAN: Air exhaust hose and hose inlet should be disconnected from the portable air conditioner.

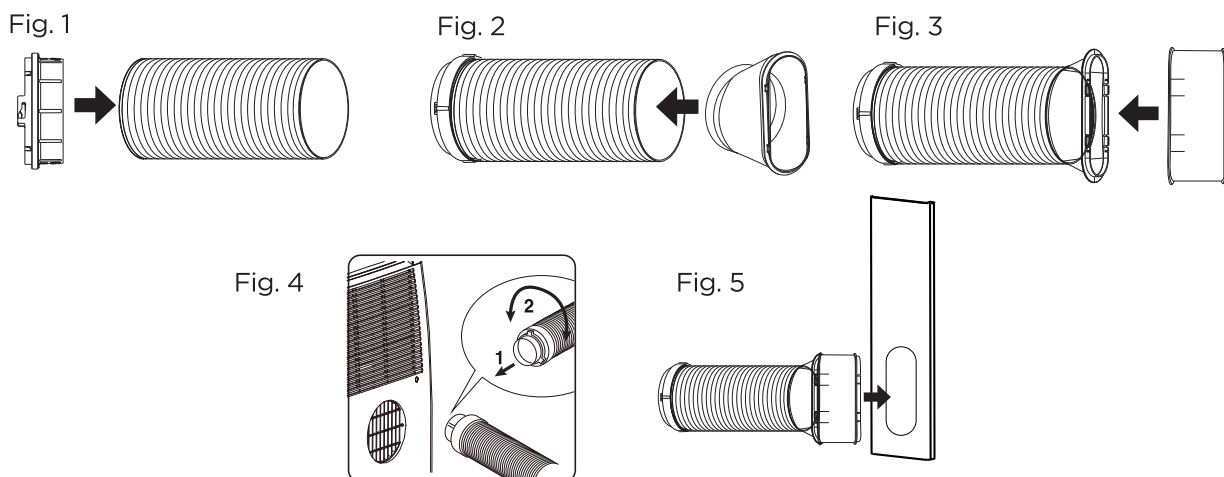
To install:

1. Connect exhaust hose connector to one end of air exhaust hose. Push hose connector over the end of the hose, push in slightly and then start threading it on in a counter clockwise direction. (see Fig 1)
2. Connect indow kit adaptor to other end of air exhaust hose. Push hose outlet adaptor over the end of the hose, push in slightly and then start threading it on in a counter clockwise direction. (see Fig 2)
3. Align window kit/extension with window kit adaptor and push in until it locks into place. You will hear a clicking sound when it does. (see Fig 3)
4. Place the exhause hose connector against the air outlet opening hook on

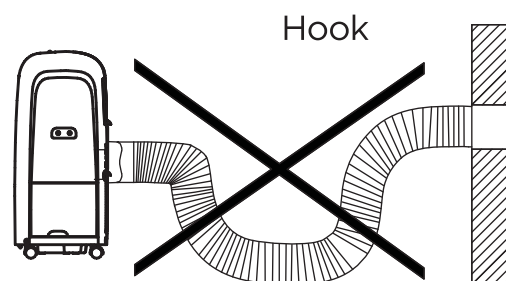
the back of the portable air conditioner and firmly push and rotate counter clockwise to lock it into place. (see Fig 4)

5. After connecting the exhaust hose connector to the unit, insert the window kit adaptor into the opening of the window kit. Align adaptor with the opening on the inside (side with the channels) of the window kit and push in until it locks into place. You will hear a clicking sound when it does. (see Fig 5).

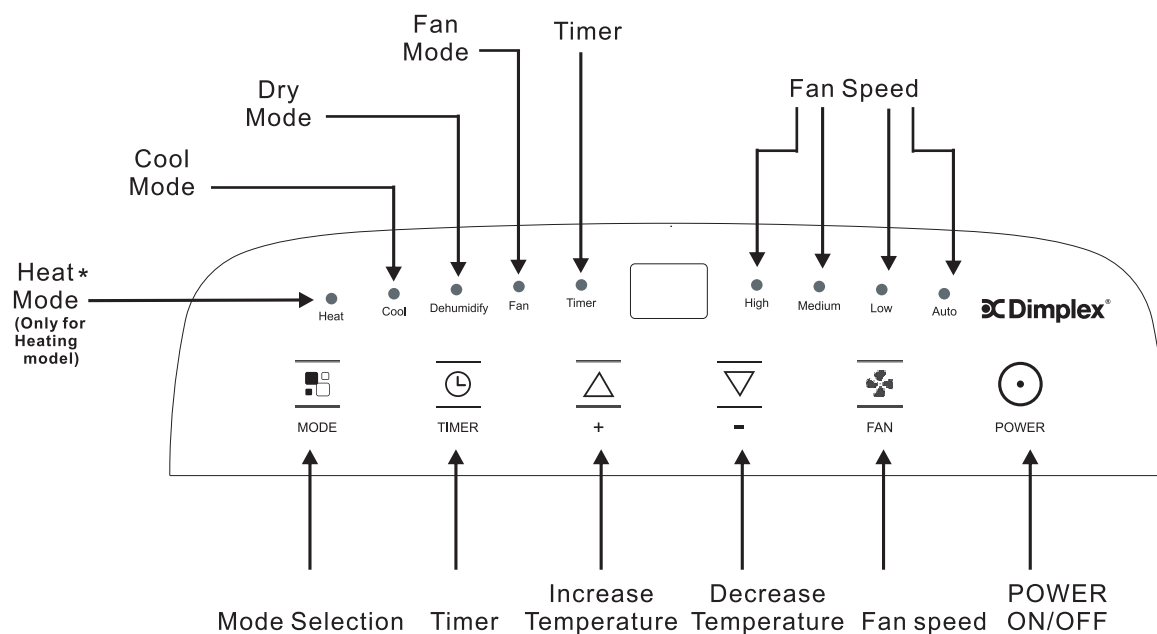
Note: The exhaust hose can be compressed or extended moderately, but it is



desirable to keep the length to a minimum. Also make sure that the hose does not have any sharp bends or is at a downward direction.



DESCRIPTION OF THE DISPLAY SCREEN




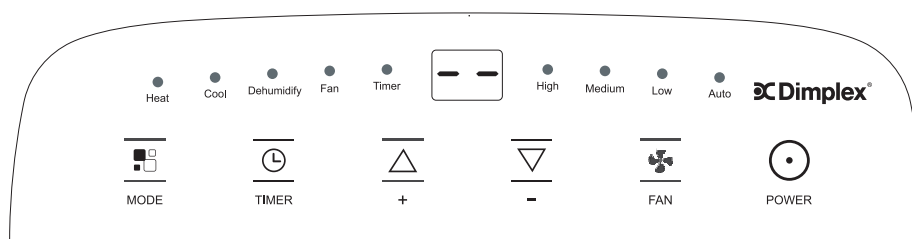
* means only the heat pump model has this function.


OPERATING FROM THE CONTROL PANEL

There is a control panel on top of the appliance, enabling control of some functions without the remote controller, but for full function, use the remote controller.

POWER ON AND OFF

- Plug into the mains socket and the appliance will be in standby.
- Press the  button to turn the appliance on. The last function active when it was turned off will appear.





Never turn the appliance off by unplugging from the mains. Always press the  button, then wait for a few minutes before unplugging. This allows the appliance to perform a cycle of checks to verify operation.

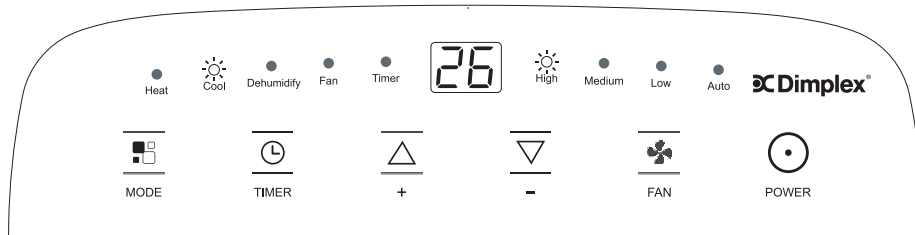
COOL MODE

Ideal for hot humid weather when cooling and dehumidification is required.

To set this mode correctly:



- Press the  button 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.

Four speeds are available: High / Medium / Low / Auto.

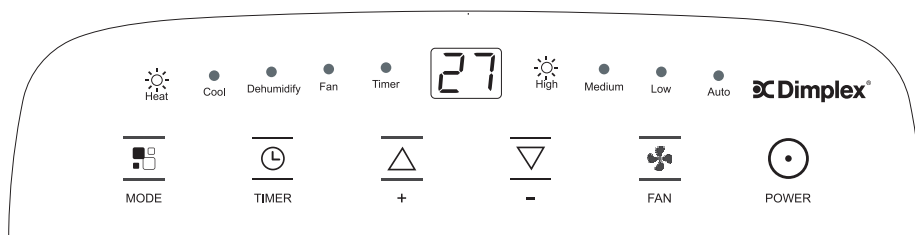



The most suitable temperature for the room during the summer varies from 24°C-27°C (75°F-81°F). It is recommended to not to set a temperature far below the outdoor temperature. The fan speed difference is more noticeable when the appliance is under Fan mode but may not be noticeable under Cool mode.


HEAT MODE * “*” means only the heat pump model have this function.

- Press the  button until the Heat symbol appears.
- Select the target temperature 13°C-27°C (55°F-81°F) by pressing the ▲ or ▼ button until the corresponding value is displayed.
- Select the required fan speed by pressing the  button.

Four speeds are available: High / Medium / Low / Auto.





- Water is removed from the air and collected in the tank.
- When the tank is full, the appliance shuts down and “” (full tank) appears on the display. The tank cap must be extracted and the tank emptied. Drain all water left into a basin. When all the water has been drained, put the cap back in place.
- When the tank has been emptied, the appliance will start up again.

N.B.: When operating in very cold rooms, the appliance defrosts automatically, momentarily interrupting normal operation. “” will appear on the display. During this operation, it is normal for the noise made by the appliance to change.




- In this mode, you may have to wait for a few minutes before the appliance starts giving out hot air.
- In this mode, the fan may operate for short periods, even though the set temperature has already been reached.

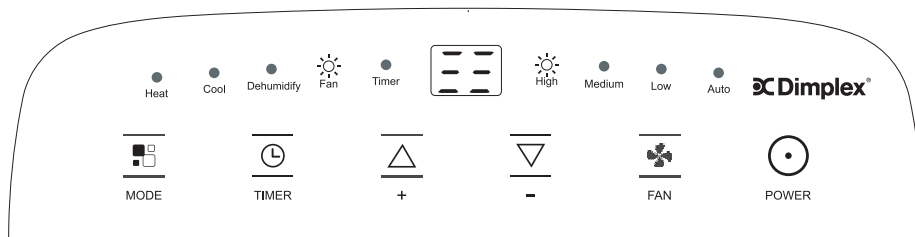
FAN MODE

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

- Press the  button 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.





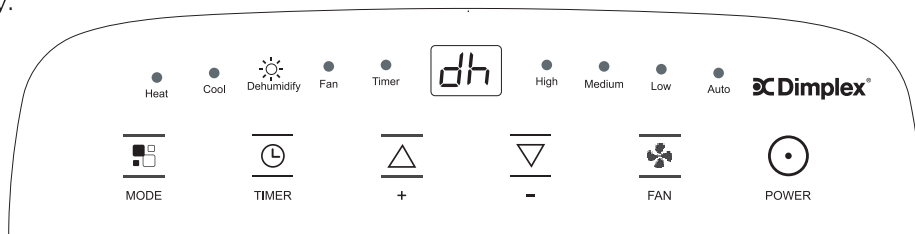
DRY MODE

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 until the Dry symbol appears. The screen display “”.
- In this mode, fan speed is selected automatically by the appliance and cannot be set manually.



Switch the unit of temperature

When the appliance is running, hold on + and - button together 3 seconds by the same time, then the unit of temperature can be switched between Celsius and Fahrenheit.

For example:

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

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



Fig.1



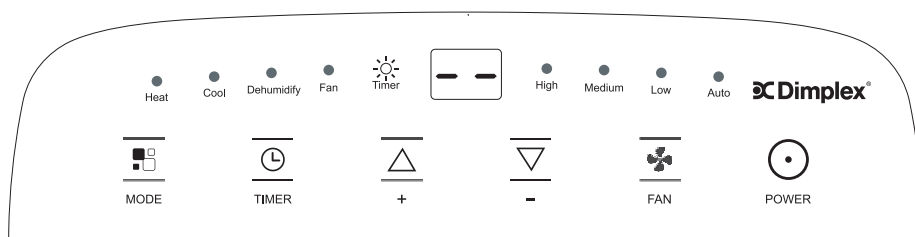
Fig.2

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

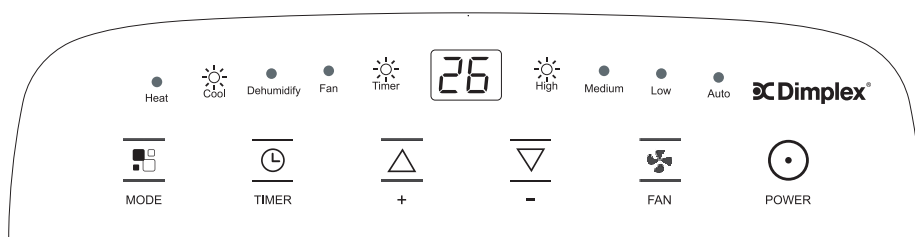
- Turn on the appliance, choose the mode you want, for example cool, 24°C, high fan speed. Turn off the appliance.
- Press the Timer button (the ⌚ symbol), the number of hours will flash.
- Press the Timer button (the ⌚ symbol) to set the number of hours delay before the appliance turns on. The timer can be set in intervals of 1 hour up to 24 hours.
- A few second after being set, the setting is memorized, the timer indicator will be lit and the display shows that the appliance is in standby.



- 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 indicator and the hours will flash.
- Press the ⌚ button to set the delay before the appliance turns off. The timer can be set in intervals of 1 hour up to 24 hours.
- A few seconds after set, the setting will be memorized, the timer indicator will be lit and the display shows the current mode. At the end of the set time the unit automatically turns to standby mode.



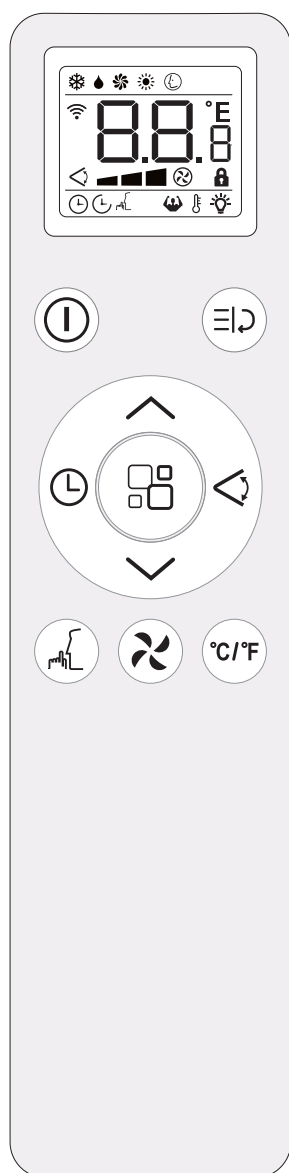
- Press again the Timer button or the ⌚ button, the timer will be canceled, and the "Timer" symbol will disappear from screen.

SELF-DIAGNOSIS

The appliance has a self-diagnosis system to identify a number of malfunctions. Error messages are displayed on the appliance display.

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

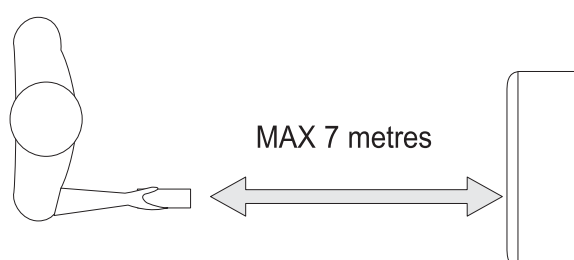
Remote Control



	On/Off button		Fan speed button
	Increase button		Mode button
	Decrease button		Swing button
	Timer button		Sleep button
	Unit switch button		Turbo button *

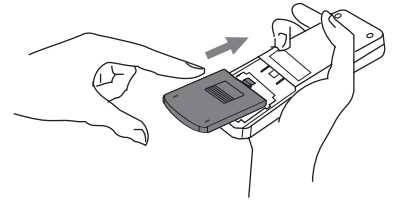
	COOL symbol		SLEEP symbol
	DRY symbol		Timer ON symbol
	FAN symbol		Timer OFF symbol
	HEAT symbol		Fan speed symbol
	SMART symbol		Turbo symbol
	SWING symbol		Child lock symbol

- ✓ 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 does not work, please try to take out the battery, and put it back.



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).
- Replace the cover.








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 humid weather when you need cooling and to dehumidify the room
To set this mode correctly:

- Press the  button until the  symbol appears.
- Select the target temperature between 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 .



Four speeds are available: High / Medium / Low / Auto.






Low	Medium	High	Auto
			

The most suitable temperature for the room during the summer varies from 24°C-27°C (75°F-81°F). You are recommended, however, not to set a temperature far below the outdoor temperature.

HEAT MODE * “*” means only the heat pump model has this function.


If the appliance is cooling only, choosing this function will turn the appliance to FAN mode.


To set this mode correctly:

- Press the  button until the  symbol appears.
- Select the target temperature between 13°C-27°C (55°F-81°F) by pressing the  or  button until the corresponding value is displayed.
- Select the required fan speed by pressing the .



Four speeds are available: High / Medium / Low / Auto.




- Water is removed from the air and collected in the tank.
- When the tank is full, the appliance shuts down and “”(full tank) appears on the display. The tank cap must be extracted and the tank emptied. Drain all water left into a basin. When all the water has been drained, put the cap back in place.
- When the tank has been emptied, the appliance starts up again.

N.B.: When operating in very cold rooms, the appliance defrosts automatically, momentarily interrupting normal operation. “”appears on the display. During this operation, it is normal for the noise made by the appliance to change.

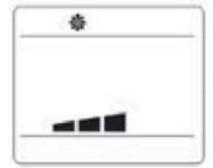
- In this mode, you may have to wait for a few minutes before the appliance starts giving out hot air.
- In this mode, the fan may operate for short periods, even though the set temperature has already been reached.

FAN MODE

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

- Press the  button until the  symbol appears.
- Select the required fan speed by pressing the  button.

Three speeds are available: High / Medium / Low





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 until the  symbol appears.
- In this mode, fan speed is selected automatically by the appliance and cannot be set manually.

SMART MODE

The appliance chooses automatically whether to operate in cool, fan or heat mode (some models may not have heat mode).

To set this mode correctly:

- Press the  button until the  symbol appears.
- Select the required fan speed by pressing the  button.

Four speeds are available: High / Medium / Low / Auto.



If the appliance is a 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).

If the unit is a cooling and heating model, the unit operates in Heat mode when the room temperature is below 20°C (68°F) and Fan mode 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).

Display on the control panel:



Smart mode is active when the display is circulating as shown above.

TURBO FUNCTION

This serial appliance does not have Turbo mode, when choosing this function, the appliance will turn to FAN mode.



SWING FUNCTION


This function does not work for this series model, please adjust the louver manually



SLEEP FUNCTION

This function is useful during 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 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 maximum comfort.

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 will 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 or DRY mode, SLEEP function cannot be set.

Programming start up

- Turn on the appliance, choose the mode that is desired. For example, cool, 24°C, high fan speed. Turn off the appliance.
- Press the ⌚ button twice, the screen will display 0.5-24 hours, and the ⌚ symbol and “h” symbol will flash.
- Press the ^ or v button several times until the corresponding time is displayed. Press the ⌚ button again, the timer will be active, then the ⌚ symbol displayed on screen.
- Press the ⌚ button or the ⓘ button again, the timer will be canceled, and the ⌚ symbol will disappear .



Programming shut down

- When the appliance is running, press the ⌚ button, the screen will display 0.5-24 hours, the ⌚ symbol and “h” symbol will flash.
- Press the ^ or v button several times until the corresponding time is displayed. Press the ⌚ button again, the timer will be active, and the ⌚ symbol will be displayed on screen.
- Press the ⌚ button or the ⓘ button again, the timer will be canceled, and the ⌚ symbol will disappear .



Switch the unit of temperature:

When the appliance is running, press the °C/°F button, then the unit of temperature will be switched.

For example:

Before change, in cool mode, the screen will display in Celsius like Fig 1.

After change, in cool mode, the screen will display in Fahrenheit like Fig 2.



Fig1

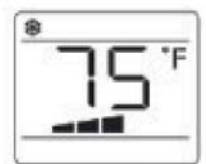








Fig2

CHILD-LOCK FUNCTION

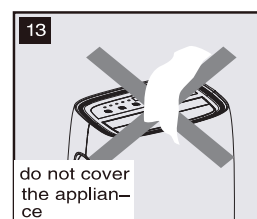
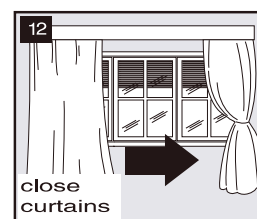
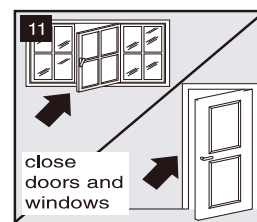
This function will prevent any accidental setting changes.

- Hold the “” and “” button together for about 3 seconds to active the child-lock function, the “” symbol will appear on screen.
- When this function is active, the appliance will not respond to any actions.
- Hold the “” and “” button together for about 3 seconds again, the child-lock will be canceled, and the “” symbol will disappear.

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. 11). 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. 12);
- 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. 13).
- 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.



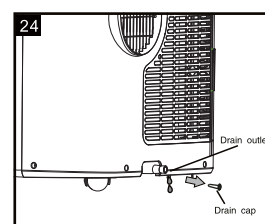
WATER DRAINAGE METHOD

When there is excess water condensation inside the unit, the appliance stops running and shows “**FE**” (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

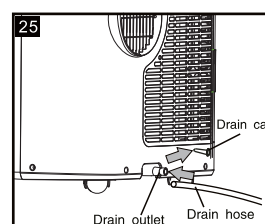
1. Unplug the unit from power source.
2. Place a drain pan under the lower drain plug. See diagram.
3. Remove the lower drain plug.
4. Water will drain out and collect in the drain pan (may not be supplied).
5. After the water is drained, replace the lower drain plug firmly.
6. Turn on the unit.



Continuous Draining (fig.25)

While using the unit in dehumidifier mode, continuous drainage is recommended.

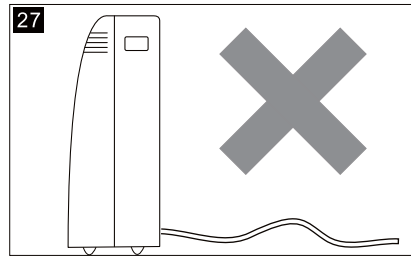
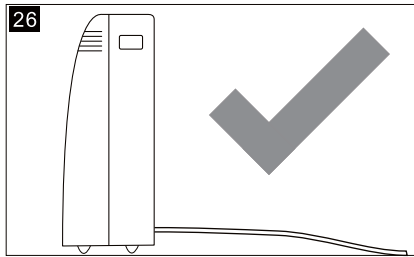
1. Unplug the unit from the power source.
2. Remove the drain plug. While doing this operation some residual water may spill, a drain pan is recommended to collect the water.



3. Connect the drain hose (1/2" or 12.7mm, may not be supplied). See diagram.
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.26 and fig.27)



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 the appliance insecticide liquids or similar liquids.

CLEANING THE AIR FILTERS

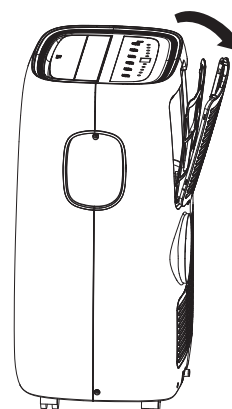
To keep your appliance working efficiently, you should clean the filter every week of operation.

The evaporator filter can take out like the fig.

- To avoid possible cuts, avoid touching the metal parts of the appliance when removing or re-installing the filter. It may result in 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.

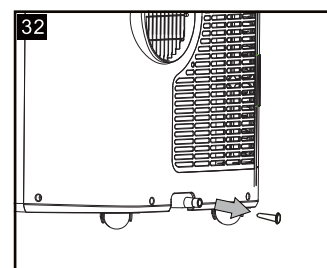
Follow the installation instructions precisely.

End of season operations

To empty the internal circuit completely of water, remove the cap (fig. 32).

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 replacing.



Troubleshooting

PROBLEM	CAUSE	SOLUTION
The appliance does not turn on	• There is no current.	• Wait.
	• It is not plugged into the mains.	• Plug into the mains.
	• The internal safety device has tripped.	• Wait 30 minutes, if the problem persists, contact your service centre.
The appliance works for a short time only.	• There are bends in the air exhaust hose	• Position the air exhaust hose correctly, keeping it as short and free of curves as possible to avoid bottlenecks.
	• Something is preventing the air from being discharged.	• Check and remove any obstacle that is obstructing air discharge.
The appliance works, but does not cool the room.	• Windows, doors and/or curtains are 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.

Maintenance

If the unit fails to operate efficiently, is broken or other problems arise, unplug and do not operate. Ask for advice by calling your local after sales service agent or the Customer Care Centre on 1300 556 816 (AU)/ 0800 666 2824 (NZ).

Warranty

Please refer to the warranty card in the box for warranty information. For any troubleshooting advice, please contact the relative Customer Care Centre below.

Glen Dimplex Australia Pty Ltd

1340 Ferntree Gully Road,
Scoresby 3179, Victoria
Australia
Ph: 1300 556 816

Glen Dimplex New Zealand Ltd

38 Harris Road, East Tamaki,
Auckland 2013
New Zealand
Ph: 0800 666 2824



Recycling: Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the ground water, polluting the food chain and damaging health and well-being.



Customer Care: 0800 666 2824
customer.care@glendimplex.co.nz
www.dimplex.co.nz

Supplied by Glen Dimplex New Zealand Ltd
38 Harris Road, East Tamaki, Auckland 2013

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