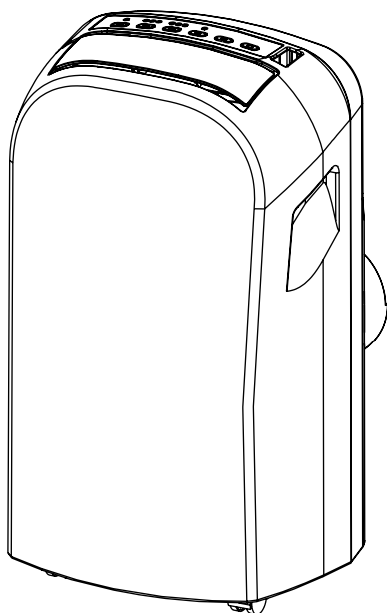




12000 BTU / 3500W local air conditioner



WAP-07EC35H
3663602439998
3663602439981

Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



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Assembly and installation

20-21

Please read the following instructions carefully before using the air conditioner and retain for further reference.

- ✓ **CAUTION** - Fire, electric shock, physical injury and property damage hazards.
- ✓ To use the air conditioner, always follow the instructions for assembly, use and maintenance as well as usage cautions.
- ✓ Do not wet the housing or control panel.
- ✓ Do not cover the air outlet while in use.
- ✓ Do not allow children to play with the control or drop any objects into the air outlet.
- ✓ Do not place any objects or let any person sit on top of the unit.
- ✓ Always turn the unit off and remove the power plug from the socket when cleaning or for any other maintenance operation.
- ✓ Do not attempt to remove any part of the casing unless by an authorised technician.
- ✓ Remove the plug from the socket if the unit is not being used for a long period.
- ✓ Always connect this appliance to a 220-240 V~ mains power socket.
- ✓ Do not operate the unit with damaged plug or loose socket point.
- ✓ Please note this product has non serviceable parts. The coolant gas in this appliance cannot be replaced / regased.
- ✓ This appliance can be used by children aged from 8 years and above and persons 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.
- ✓ Make sure that the back of the unit is at least 30 cm or more from a wall. Do not place the unit in front of curtains or drapes in case they fall against the back air intake.
- ✓ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- ✓ If using this appliance with an extension lead do not exceed the maximum rated wattage of the extension lead.
- ✓ Do not use this appliance in bathrooms or wet room environments/locations.
- ✓ The appliance shall not be installed in a laundry room.
- ✓ Appliance must not be used in closed cupboards or changing rooms. Do not cover the appliance with clothing or any other fabric.
- ✓ Appliance must be kept at a suitable distance from walls, furniture and curtains to prevent them from overheating due to poor ventilation.
- ✓ Appliance should not be used when no one is at home. If you are away for long periods of time, turn off the power and remove the plug from the socket.
- ✓ The filter should be cleaned or replaced periodically to prevent insufficient air flow caused by a build-up of dust particles. Poor air flow will cause overheating, reduce the performance of the unit and add more risk.

- ✓ This appliance is designed for INDOOR DOMESTIC USE ONLY.
- ✓ **Important note:** Due to the power input of this product on start up, voltage drops may occur and this can influence other equipment (e.g. dimming lights). Therefore, we advise you to make sure that your product is only connected to a supply with a maximum permissible system impedance $Z_{max}=0.240\text{ Ohm}$. If you require further clarification, you may contact your local power supply authority.

Battery warnings

- ✓ An adult must carry out battery replacement and installation.
- ✓ Remove exhausted batteries from this product.
- ✓ Do not dispose of batteries in a fire, batteries may explode or leak.
- ✓ Do not short-circuit the battery terminals.
- ✓ Do not mix used and new batteries.
- ✓ Do not mix alkaline standard (carbon-zinc), lithium or rechargeable batteries.
- ✓ Do not mixed different types of batteries.
- ✓ Do not recharge non-rechargeable batteries.
- ✓ Do not allow water to come into contact with the batteries or wiring.
- ✓ Install carefully to prevent any damage to the batteries.
- ✓ Remove batteries from product when not in use for long periods of time.
- ✓ Store unused batteries in their original packaging.
- ✓ Dispose of used batteries responsibly.

WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

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).

Do not pierce or burn.

Be aware that refrigerants may not contain an odour, Appliance shall be installed, operated and stored in a room with a floor area larger than 15 m².

NOTE The manufacturer may provide other suitable examples or may provide additional information about the refrigerant odour.

- ☑ Warning: Keep ventilation opening clear of obstruction.
- ☑ Warning: the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation;
- ☑ Warning: the appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).
- ☑ 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.
- ☑ For leak detection, the use of detergents containing chlorine shall be avoided.
- ☑ If a leak is suspected, all naked flames shall be

removed/extinguished. Call the service agent immediately and keep far away from the product.

- ☑ If disposal or decommissioning is needed, please contact the service agent or authorized personal to do it. Do not dispose and decommission the product yourself.
- ☑ The appliance shall be installed in accordance with national wiring regulations;
- ☑ The maximum refrigerant charge amount: 300g;
- ☑ An unventilated area where the appliance using flammable refrigerants is installed shall be so constructed that should any refrigerant leak, it will not stagnate so as to create a fire or explosion hazard.
- ☑ The appliance shall be stored so as to prevent mechanical damage from occurring.
- ☑ 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.
- ☑ 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.
- ☑ 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.
- ☒ 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.
- ☒ 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 are 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.

Symbols



Read operator's manual.



Operator's manual;
operating instructions



Service indicator;
read technical manual



Caution: risk of fire.

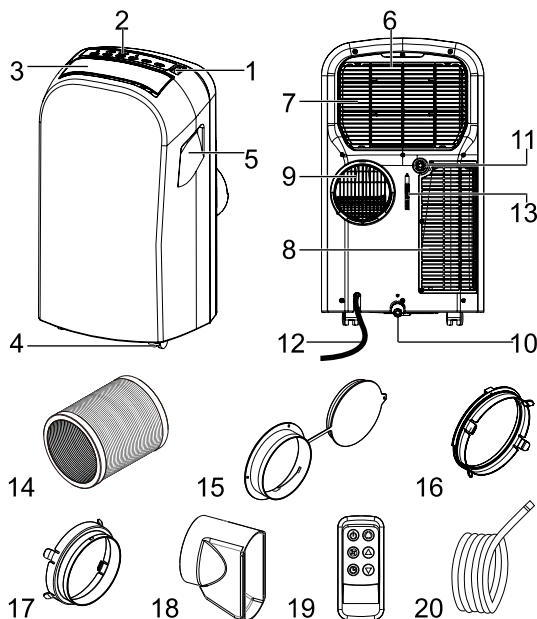
Things to check before you start

- ☒ For domestic use only.
- ☒ Never allow children or persons unable to operate the appliance safely, use this product without supervision.
- ☒ Please dispose of plastic bags carefully and keep them away from children.
- ☒ This air conditioner must only be used in the correct upright position. If it has been in any other position (for example, during transportation or assembly), it must be placed in the correct upright position for at least 6 hours before use.

Your product

1. Remote control storage facility
2. Control panel
3. Air outlet
4. Wheels
5. Handles
6. Air filter
7. Air intake (Evaporator)
8. Air intake (Condenser)
9. Air outlet (Heat exchange)
10. Water outlet drain
11. Water outlet drain (Dehumidify mode only)

12. **Power cord**
13. Power cord hook
14. Heat exhaust hose
15. Fixture & cap
16. exhausted connector (fix to unit)
17. Exhausted connector (fix with nozzle)
18. Exhausted nozzle
19. Remote control
20. Hose



To assemble and install your product,
consult the assembly guide located
at the end of the guidebook



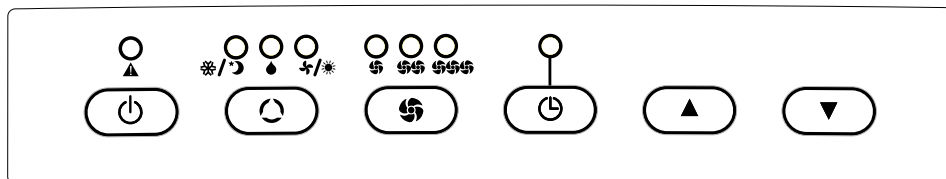
IMPORTANT-RETAIN THIS
INFORMATION FOR FUTURE
REFERENCE: READ CAREFULLY

You will need

- 2x AAA batteries (Not included);

The controls

This air conditioner can be operated by the control panel located in the top of the appliance:



Power Control 

The power control turns the unit on and off.

Warning Light 

Condensed water may accumulate in the unit.

If the internal tank becomes full, the warning light will come on and the unit will stop operating until the unit has been drained.

Mode Control 

The mode control has five settings:

●Cooling ●Sleep ●Dehumidify ●Fan ●Heat

The settings are adjusted with the mode control button.

A light will indicate which setting is currently being used.

●Cooling Mode 

When cooling mode is selected, the indicator light turns green.

During the cooling mode the air is cooled and hot air is expelled through the heat exhaust hose (#14).

Adjust fan speed and air temperature to suit your desired comfort level.

Note: the air exchange hoses must vent outside the room when using cooling mode.

●Sleep Mode 

When sleep mode is selected, the indicator light turns green, LED shows "SL". During the sleep mode, the machine will be extremely quiet. The fan speed cannot be selected.

Also, the temperature will gradually rise 2°C within two hours and then keep constant to avoid cold.

Note: The air exhaust hose must vent outside the room when using sleep mode.

●Dehumidify Mode 

When Dehumidify mode is selected, the indicator light turns green.

Air is dehumidified as it passes through the unit, without being in full cooling mode.

1. Temperature higher than 25°C, fan speed can be adjusted;

2. Otherwise, fan speed is fixed to "Low".

Note: If the unit is to be used as a dehumidifier, do not connect the exhaust hose and let the warm air return to the room. You will need to install a drainage hose, with the water discharging to the outside.

Before you start

● Fan Mode

When fan mode is selected, the indicator light turns green. Air is circulated throughout the room with no cooling.

Note: Unit doesn't need to be vented in fan mode.

● Heating Mode

When heating mode is selected the indicator light will shine red. Heating is activated only when the ambient temperature is below 25 °C.

Note: the air exchange hoses must vent outside the room when using heating mode.

Fan Speed Control

The fan speed control has three settings: High, Medium and Low.

Timer

Auto turn off:

With the machine in running mode, press the timer button. Then set the desired time delay OFF hours by pressing the “▲” or “▼” buttons.

Auto turn on:

With the machine in stand by mode, press the timer button. Then set the desired time delay ON hours by pressing the “▲” or “▼” buttons.

Timer / Temp Set Controls

- Used for adjusting the timer and thermostat
- The default display is room temperature
- In cooling mode, when “▲” or “▼” button is pressed, the set temperature is displayed and may be adjusted. After 10 seconds the display will revert back to room temperature. The time is adjustable between 1 to 24 hours.

Note: By pressing both Timer/ Temp set buttons at the same time, the display will toggle between Celsius and Fahrenheit.

After switching the air conditioner off, you must wait 3 minutes before switching it back on again.

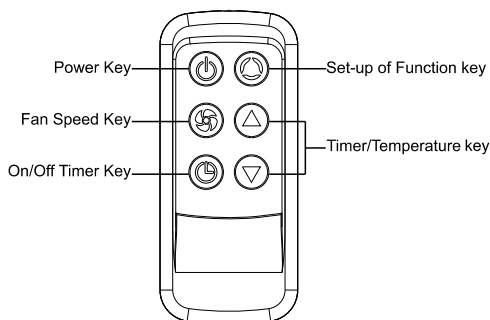
Remote control

The remote control requires 2 x AAA size batteries (not included)

Open the battery compartment by sliding the cover down and insert the batteries noting the polarity indicated in the battery compartment.

Remote control operations are identical to the functions on the control panel.

Note: You cannot toggle between Fahrenheit and Celsius using the remote control.



In more detail...



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Technical specifications

- > Model: WAP-07EC35H
- > Power supply: 220-240V~ 50Hz
- > Rated power: 1400W / 1300W (Cooling / Heating)
- > Dehumidifying capacity: 3 Litres/hour (30°C, 80%RH)
- > Airflow volume: 440 m³/h
- > Refrigerant: R290 / 300g
- > Class I
- > Dimensions: 44 x 39 x 77 cm
- > Weight: 35.5 kg
- > Fuse type: T1A,L,250V
- > Working temperature: 16°C-35°C (Cooling) / 10°C-25°C (Heating)
- > Wiring diagram affixed to the rear panel.

Description	Symbol	Value	Unit
Rated capacity for cooling	P _{rated} for cooling	3.5	kW
Rated capacity for heating	P _{rated} for Heating	2.8	kW
Rated power input for cooling	P _{EER}	1.4	kW
Rated power input for heating	P _{cop}	1.2	kW
Rated energy efficiency ratio	EERd	2.6	-
Rated coefficient of performance	COPd	2.3	-
Power consumption in thermostat-off mode	P _{TO}	1.0	W
Power consumption in standby mode	P _{SB}	0.5	W
Electricity consumption of single duct appliances	SD:Q _{SD}	1.4	kWh/h
Sound power level	L _{WA}	65	dB(A)
Global warming potential	GWP	3	kgCO ₂ eq.
CO ₂ equivalent of fluorinated greenhouse gases		0.0009	MT

Symbols



Conforms to all relevant European Directives.

Maintenance and cleaning

1. Switch off and unplug from the power supply before assembling or disassembling and cleaning.
2. Do not allow water to drip on or into the air conditioner motor housing.
3. We also recommend the periodic cleaning of this air conditioner by lightly running a vacuum cleaner nozzle over to remove any dust or dirt that may have accumulated inside or on the unit.

Air conditioner housing cleaning

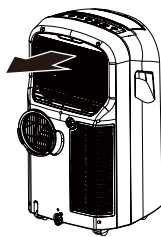
Using a soft, moist cloth, with or without a mild soap solution, carefully clean the air conditioner housing. Please use caution around the air intakes and outlet. Do not allow the motor or other electrical components to be exposed to water.

Caution: Do not use harsh detergents, chemical cleaners or solvents as they may damage the surface finish of the plastic components.

Air filter maintenance

It's necessary to clean the air filter after using it for about 100 hours. Clean it as follows:

1. Turn the appliance off and remove the plug from the power socket. Remove the air filter.
2. Clean and reinstall the air filter (If the dirt is conspicuous, wash it with a solution of detergent in lukewarm water. After cleaning, dry it in a shaded and cool place then reinstall it)
3. Clean the air filter every two weeks if the air conditioner operates in an extremely dusty environment.



Air conditioner storage

Your air conditioner can be stored in the off-season either partially disassembled or assembled. It is important to keep it in a safe, dry location.

- If stored disassembled, we recommend using the original (or appropriately sized) box.
- If stored assembled or partially assembled, remember to protect the air conditioner from dust.

Trouble shooting

Fault	Reason	Solution
Unit does not run	• PCB is broken. • Protector might be tripped. • Fuse might be blown. • Batteries in the remote control are exhausted. • The plug is not properly inserted into the socket.	• Call an electrician • Wait for 3 minutes then re-start the unit. • Call an electrician • Replace the batteries • Insert the plug properly into the socket
Unit stops during running	• The set temperature is close to room temperature. • Air outlet might be blocked.	• Lower the temperature setting • Remove the obstruction
Unit runs but no evident temperature drop.	• Check if a door or window is open. • Check if there is another heating appliance working nearby, e.g. a heater. • Check if air filter is dirty. • Check if air outlet or intake has been blocked. • Check if set temperature is too high.	• Close the door and window as the appliance may be affected by the outside temperature. • Shut off the heating appliance • Clean the air filter • Remove the obstruction • Lower the temperature setting
Unit stops working	• Check if water full indicator light is on.	• Drain the water from drain port at bottom of back panel. If unit still doesn't work, consult a qualified technician.
LED display "E1"	• The temperature sensor error	• Repair or replace*
LED display "E2"	• The coil sensor error	• Repair or replace*

Caution: Do not attempt to repair, disassemble or modify the appliance. There are no user-serviceable parts inside. We suggest you to contact your service agent or a professional electrician for any help.

Recycling and disposal

The refrigerant used in this appliance is fluorinated greenhouse gases do not vent R290 into atmosphere: R290 is a fluorinated greenhouse gases, covered by Kyoto Protocol, with a Global Warming Potential(GWP)= 3.

Contains fluorinated greenhouse gases covered by the Kyoto Protocol. Hermetically sealed.



Waste electrical products should not be disposed of with household waste.
Please recycle where facilities exist.
Check with your Local Authority or local store for recycling advice.

yyWxx: Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx)

Plug Replacement

This appliance is supplied with a BS1363 3 pin plug fitted with a 13 Amp fuse. Should the fuse require replacement, it must be replaced with a fuse rated at 13 Amp and approved to BS1362.

In the event the mains plug has to be removed/replaced for any reason, please note:

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Blue – Neutral

Brown – Live

Green/Yellow-Earth

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

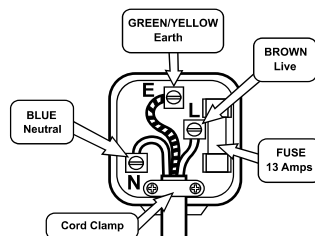
The blue wire must be connected to the terminal marked with an N or coloured black.

The brown wire must be connected to the terminal marked with an L or coloured red.

The green/yellow wire must be connected to the earthing terminal which is marked with an E or with the earth symbol.

WARNING: Never connect live or neutral wires to the earth terminal of the plug.

NOTE: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.

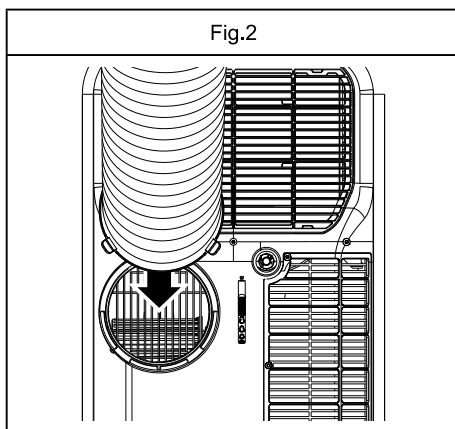
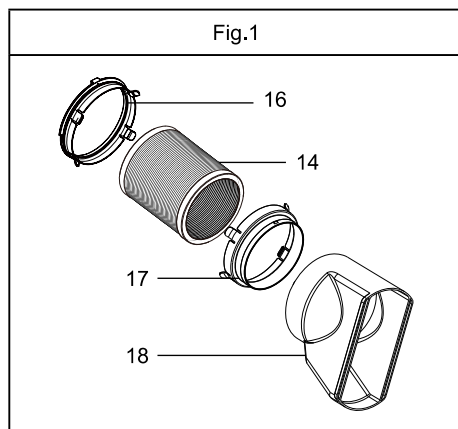


Installation Instructions

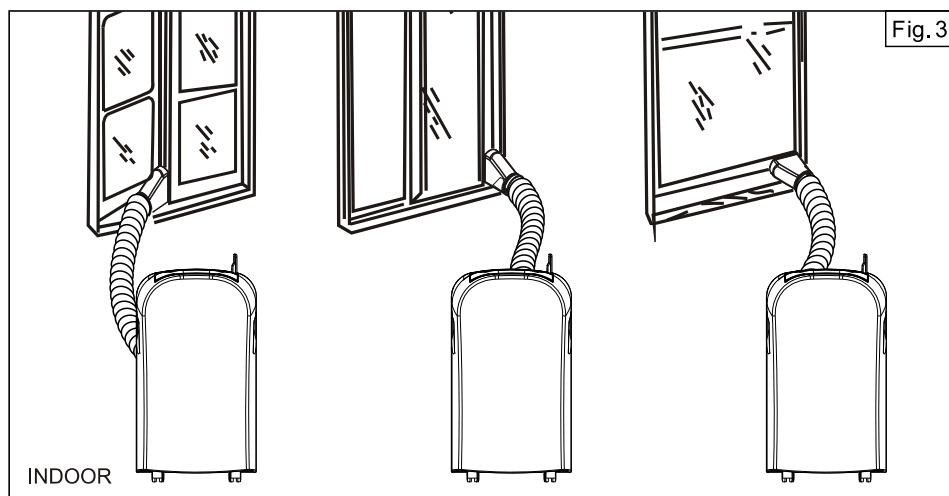
Connect the exhausted hose assembly to the back of the unit. Extend hose (#14) to desired length and position the exhausted nozzle (#18) through an open window.

1. Click the 2 exhausted connectors (#16 & #17) to the 2 ends of the hose (#14). After the hose assembly is composed, click the exhausted nozzle (#18) to its end with the exhausted connector (#17).

2. Slide the exhausted connector (#16) to the air outlet (#9) on the rear of the unit. (Fig. 2)



3. Extend the exhausted hose (#14) and close the window as far as possible trapping the exhausted nozzle (#18) as shown below.



Air Conditioning with installation

If required, your appliance can also be installed semi permanently (Fig. 4)

Proceed as follows:

- Drill a hole in an outside wall or through a window pane. Ensure the MIN / MAX dimensions for the hole size and its position are adhered to. (Fig. 5 and 6)
- Fit the flange accessory fixture (#15) provided in the hole .
- Still repeat step 1 & 2 in the former installation description, but not click the hose assembly to the exhausted nozzle (#18).
- Insert another end of the hose assembly to the fixture previously fit on the wall a shown in (Fig. 6)

When the hose is not in use, place the cap on connector to cover the hole.

NOTE:

When installing the air conditioner semi permanently, to maintain the balance of air pressure between indoors and outdoors always leave an internal door slightly open.

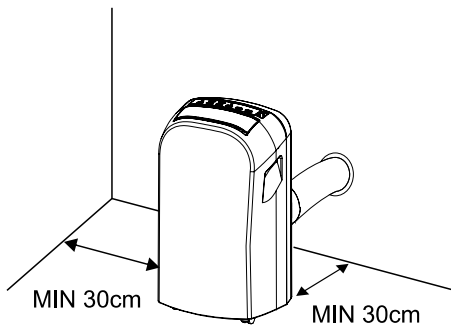


Fig. 4

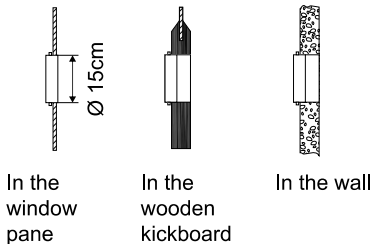
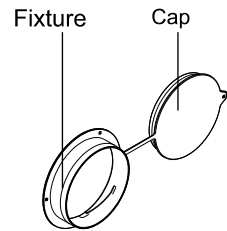


Fig. 5

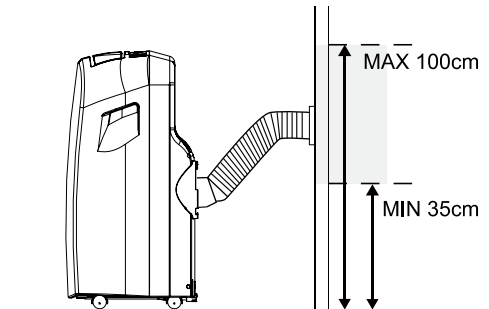
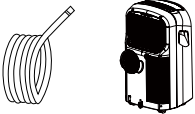
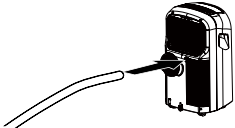
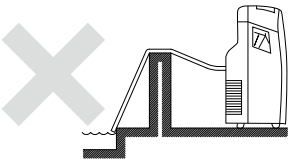
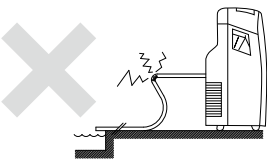
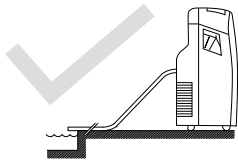
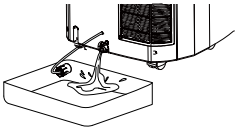


Fig. 6

Continuous drainage (Dehumidify mode only)

Continuous drainage from the appliance can be achieved, if required, when there is an accessible drainage point nearby.

1. Use the attached PVC hose to drain out water		Back of the unit For drainage 
2. Take out drain cover from the drainage outlet.		Drain cover 
3. Connect the PVC hose with the drainage outlet.		
		
Maintenance after use		
1. If the appliance is not planned to be used for a long time, ensure that any water is drained out. Remove the drain cover and rubber plug and allow the water to drain fully. 2. Before storing, run the appliance in the fan mode only for a few hours to dry any moisture on the coils. This will prevent the build up of mold during storage. 3. Stop the appliance, remove the plug from the wall socket and remove the batteries from the remote control, keeping them in safe place. 4. Clean the air filter and reinstall it. 5. Remove the exhaust hoses and store them safely. Securely cover any permanent holes in wall / windows. Note: if you want to drainage the water from bottom drain outlet via a hose, prepare a 13mm drain hose.		

Manufacturer/ Fabricant/ Producent/ Fabricante/ Producător
Kingfisher International Products Limited
3 Sheldon Square
London W2 6PX
United Kingdom



Distributor: B&Q plc,
Chandlers Ford, Hants,
SO53 3LE United Kingdom
www.diy.com

Distributor:
SFD Limited
Trade House, Mead Avenue
Yeovil
BA22 8RT, United Kingdom
www.screwfix.com

