



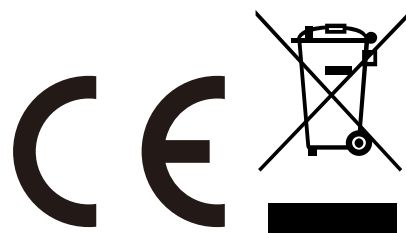
IN251100693V03_UK

823-078V72_823-078V73

Model:823-078V72(FDP35-3036ZWR5)
823-078V73(FDP41-3036ZWR5)



Local Air Conditioner



EN_IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY.

IMPORTANT SAFETY INSTRUCTIONS

Before you start

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



CAUTION: FIRE, ELECTRIC SHOCK, PHYSICAL INJURY AND PROPERTY DAMAGE HAZARDS

- Appliance shall be installed, operated and stored in a room with a floor area larger than 12.5m² for model FDP41-3036ZWR5; 9.6m² for model FDP35-3036ZWR5.
- **WARNING:** Keep ventilation opening clear of obstruction.
- Servicing shall be performed only as recommended by the manufacturer.
- **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).
- The appliance shall be installed in accordance with national wiring regulations.
- Compliance with national gas regulations shall be observed.
- 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 31 cm or more from a wall.
- 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.
- To use the local 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.

- 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.
- 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 faraway 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: 260g for model FDP41-3036ZWR5; 200g for model FDP35-3036ZWR5.
- 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 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.

- Become familiar with the equipment and its operation.
- Isolate system electrically.
- 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.
- Pump down refrigerant system, if possible.
- If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- Make sure that cylinder is situated on the scales before recovery takes place.
- Start the recovery machine and operate in accordance with manufacturer's instructions.
- Do not overfill cylinders. (No more than 80 % volume liquid charge).
- Do not exceed the maximum working pressure of the cylinder, even temporarily.
- 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.
- Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.
- Equipment shall be labeled stating that it has been decommissioned 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 labeled 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.

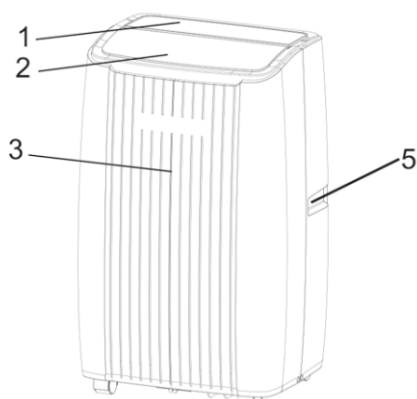
- The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.
- If compressors or compressor oils are to be removed, ensure that they 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.
- Service shall only be performed as recommended by the equipment manufacturer. Maintenance and repair operations requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- 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.
- Please note this product has non serviceable parts. The coolant gas in this appliance cannot be replaced/regased.
- Do not place the unit in front of curtains or drapes in case they fall against the back air intake.
- 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.
- 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 buildup 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**.
- The appliance shall not be installed in a laundry room.



IDENTIFICATION OF PARTS

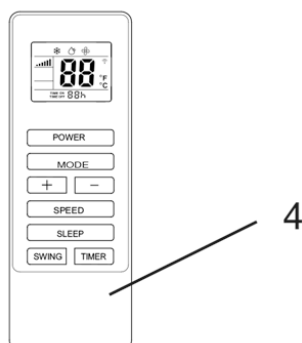
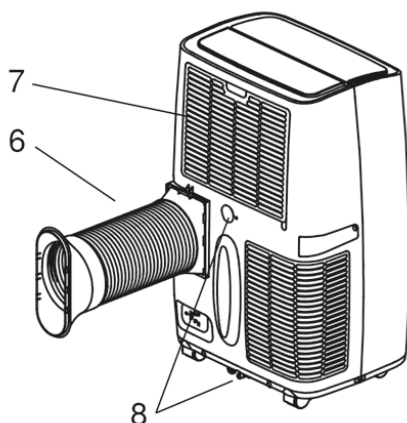
Identification of parts

Front



- 1. Control panel
- 2. Cold air outlet
- 3. Signal receptor
- 4. Remote controller
- 5. Transport handle
- 6. Air outlet hose
- 7. Evaporator air intake
- 8. Primary drain port

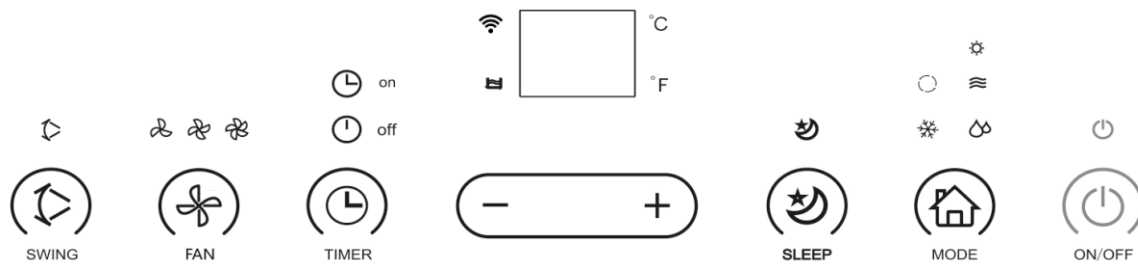
Back



- The figures in this manual are based on the external view of a standard model.
- Consequently, the shape may differ from that of the air conditioner you have selected.

Control panel

This section explains proper mobile air conditioner operation.



- Power button
 Speed button
 Timer/Temperature up button
- Timer button
 Mode button
 Timer/Temperature down button
- Swing button
 Heat and Full water alarm
- Automatic, Cool, Dehumidify and Fan mode

Control panel operation

- Automatic, Cool, Dehumidify and Fan Model operation.

1. Turn on the unit

a) Plug in, then the unit beeps once.

b) Press the " " button, then the unit is turned on. The LED displays the room temperature and operate in Automatic mode.

2. Select operating mode

Press the " " button to select a desired mode shown below:



3. Adjust Temperature

The temperature can be set within a range of 15 °C to 31 °C by 1 °C.

Press "+" or "-" button to increase or decrease the temperature 1 °C by pressing once. The unit LED shows the target temperature for 5 seconds and then displays the room temperature.

4. Adjust Fan Speed

Press the " " button to select a desired fan speed shown below:



5. Power

When you press "  " button again ,the unit will emit "di" and stop working.

6. Swing

Press the button to set swing.

NOTICE

Each mode working principle

• mode:

1. Once the  operation is selected, the indoor temperature sensor operates automatically to select the desired operation mode with   or  .
2. When the room temperature $\geq 24^{\circ}\text{C}$, the unit will automatically select  mode.
3. When the room temperature $= 23^{\circ}\text{C}$, the unit will automatically select  mode.
3. When the room temperature $< 22^{\circ}\text{C}$, the unit will automatically select  mode.

• Dehumidify mode:

1. The up centrifugal fan will run at low speed ,and the speed can't be adjusted.
2. The compressor and the down centrifugal fan will stop after running 8 mins, then run again after 6mins.
3. The unit adopts constant temperature dehumidifying mode, and the adjustment of temperature is no effective.

• Cool mode:

1. When the room temperature is higher than set temperature ,the compressor starts to run.
2. When the room temperature is lower than set temperature ,the compressor stop and upper fan operate at original set speed.

• Fan mode:

1. The up centrifugal fan runs at set speed , and the compressor and down centrifugal fan does not run.
2. The adjustment of temperature is no effective.

• Heat mode:

1. When the room temperature is higher than the set temperature ,the unit will stop heating function.

2. When the room temperature is lower than set temperature ,the unit will start heating function.

• **Timer operation:**

1. Press "Timer" button to set Automatic Off time while the unit is running.
2. Press "Timer" button to set Automatic On time while the unit is in standby.
3. The time can be adjusted within a range of 1 hour to 24 hour. Press the temp up (+) or temp down (-) button to increase or decrease the time 1 hour by pressing once.

• **Sleep operation:**

1. The  operation is effective when the unit is under  mode.
2. Press the  button in  mode, then the unit will work under sleep mode and the up centrifugal fan will turn to low speed automatically. The set temperature will increase 1°C after one hour, and increase 2°C after two hours. After six hours, the unit will stop running.
3. Child lock

Press and hold  for a few seconds - the display will show 'LC' and the child lock function will be activated. Press and hold the button for a few seconds again to cancel the child lock function.

• **Automatic swing**

When the swing button is activated, the swing blade swings up and down automatically. If you want to stop, press the button again.

• **WIFI**

Download " Smart Life" or "Tuya Smart " application to your mobile device. Create an account within the app. Plug in the device to enter standby mode. If the device is powers on directly, press the standby button to switch to standby mode.

In standby mode, hold the mode button for 5 seconds until the beeper emits a single sound. Wait for the Wi-Fi light to flash, indicating configuration mode. If the Wi-Fi light does not flash, repeat holding the mode button for 5 seconds until it does. Once the Wi-Fi light flashes , open the app to select "Add Device", and follow the prompts to complete Wi-Fi pairing.

Notice:

The main control board has memory function, when the unit is ready to run but in stop status, the main control board can memorize the initialization of working mode. When you turn on the unit, it will work as the same enactment of working-mode as last time, no need to reset the working mode again. (This condition is not available when the unit is under " " mode)



REMOTE CONTROLLER

Remote controller

The remote controller transmits signals to the system.

1. POWER BUTTON

Press this button to switch on/off the unit

2. MODE BUTTON

Press this button to select operation mode.

3 4. + and - BUTTON

Press to adjust room temperature and timer.

Press the + and - keys simultaneously to switch the temperature display unit between °C and °F on the remote control.

5. SPEED BUTTON

Press to adjust fan speed.

6. SLEEP BUTTON

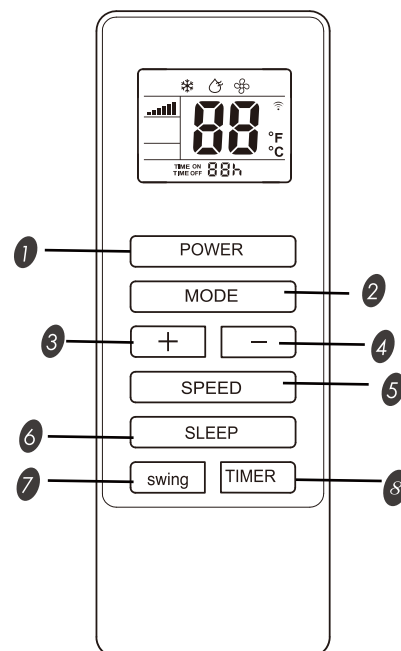
Press to select sleep mode.

7. SWING BUTTON

Press to set SWING on/off.

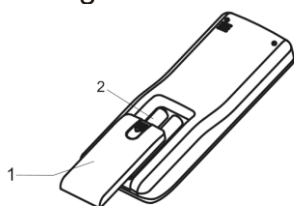
8. TIMER BUTTON

Press to set automatic TIMER on/off.



How to install batteries

- Inserting batteries



**Slide the cover to open.
Be sure the direction is correct**

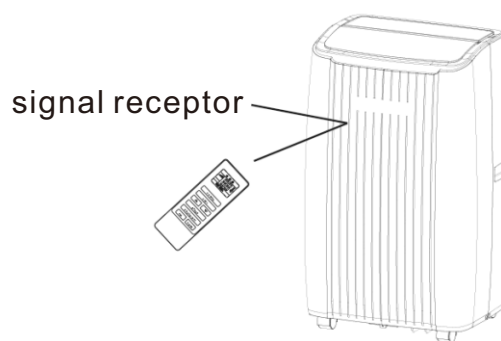
1. Open the back cover, and take off the isolating film on the batteries;
2. Put the batteries inside the slot, with anode and cathode in right directions;
3. Put on the back cover.

Notices:

- 1) The anode and cathode of the batteries must be corresponding to the signs of "+" and "-" on the remote control;
- 2) Do not use new battery cells together with run-down cells;
- 3) For long time no use, take out the batteries;
- 4) To prevent environmental pollution, take out the used batteries and dispose safely and appropriately.

How to use

To operate the air conditioner, aim the remote controller at the signal receptor. The remote controller will operate the air conditioner at distance of up to 5m(16.4 feet) when pointing at signal receptor of the air conditioner.



PROTECTION

Operating condition

The protective device may trip and stop the appliance in the cases listed below.

Cooling	Indoor air temperature is over 43°C
	Room temperature is below 15°C
Dehumidifying	Room temperature is below 15°C

If the air conditioner runs in COOLING or DRY mode with door or window opened for a long time when relative humidity is above 80%, dew may drip down from the outlet.

Features of protector

1. The protective device will work in the following cases.

Restarting the unit at once after operation stops or changing mode during operation, you need to wait 3 minutes.

2. If the plug is taken out, when you restart the appliance, it will return to the original mode, TIMER ON and TIMER OFF must be set again.

Drain water

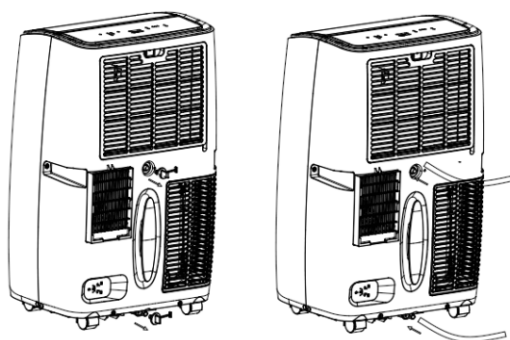
Special reminder: there is condensing water recycling hidden within this unit.

The condensing water is partly kept recycling between the condenser and the water plate.

When the water level rises to the upper level, the float switch and water full indicator (E4) lights on to remind draining water.

Please cut off the power supply, move the appliance to a suitable place, remove the drain plug, drain water completely. After the drain, re-install the plug, or the appliance may leak and make your room wet.

If the appliance is placed in a position admitting drain water, you also can connect the drain hose to the drain port to drain water.



Can choose Upper Drain Port or Lower Drain Port for continuous drainage.

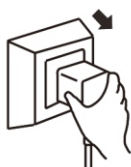
Always keep this end of the hose below the drainage outlet

MAINTENANCE

Appliance maintenance

1. Cut off the power supply

Turn off the appliance first before disconnecting from power supply.



2. Wipe with a soft and dry cloth.

Use lukewarm water (below 40°C (104°F)) to clean if the appliance is very dirty.



Use a dry and soft cloth to clean it.

3. Never use volatile substance such as gasoline or polishing powder to clean the appliance.



4. Never sprinkle water onto the main unit.



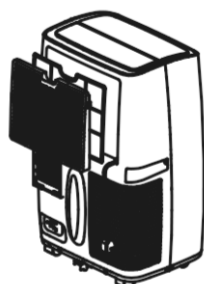
**Dangerous!
Electric shock!**

Air filter maintenance

It is necessary to clean the air filter after using it for about 100 hours.

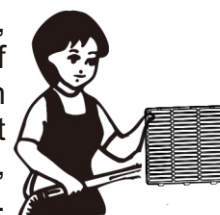
Clean it as follows:

1. Stop the appliance and 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.



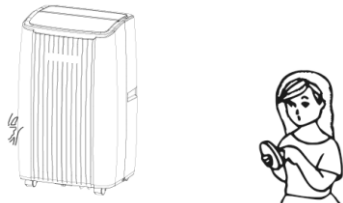
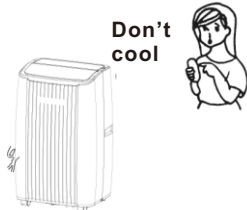
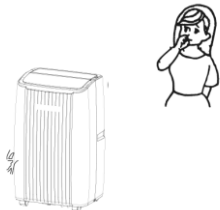
3. Clean the air filter every two weeks if the air conditioner operates in an extremely dusty environment.

Maintenance after using

1. If the appliance will not be used for a long time, be sure to Pull out the primary and the secondary rubber plug of the drain port , in order to drain the water.
2. Keep the appliance running with fan only for a half day during a sunny day to dry the appliance inside and prevent from going mouldy.
3. Stop the appliance and pull out the power supply plug, then take out the batteries of remote controller and store appliance properly.
4. Clean the air filter and reinstall it.
5. Remove the air hoses and store them properly, and cover the hole tightly.

TROUBLESHOOTING

The following cases may not always be a malfunction, please check suggestions below before asking for service.

Trouble	Analysis
Does not run. 	• If the protector trip or fuse is blown. • Please wait for 3 minutes and start again, protector device may be preventing unit from working. • If batteries in the remote controller are exhausted. • If the plug is not properly plugged in.
Runs for a short while only. 	• If the set temperature is close to room temperature, you can lower the set temperature. • Air outlet is blocked by obstacle. Take the obstacle away,
Runs but not cooling 	• If the door or window is open. • If there is another appliance heat-working, like heater or lamp, etc.. • The air filter is dirty, please clean it. • Air outlet or intake is blocked. • Set temperature is too high.
Water leak during moving 	• Drain the condensate before moving. • To avoid water leakage, please locate the unit on flat ground..

Does not run and water full indicator "E4"



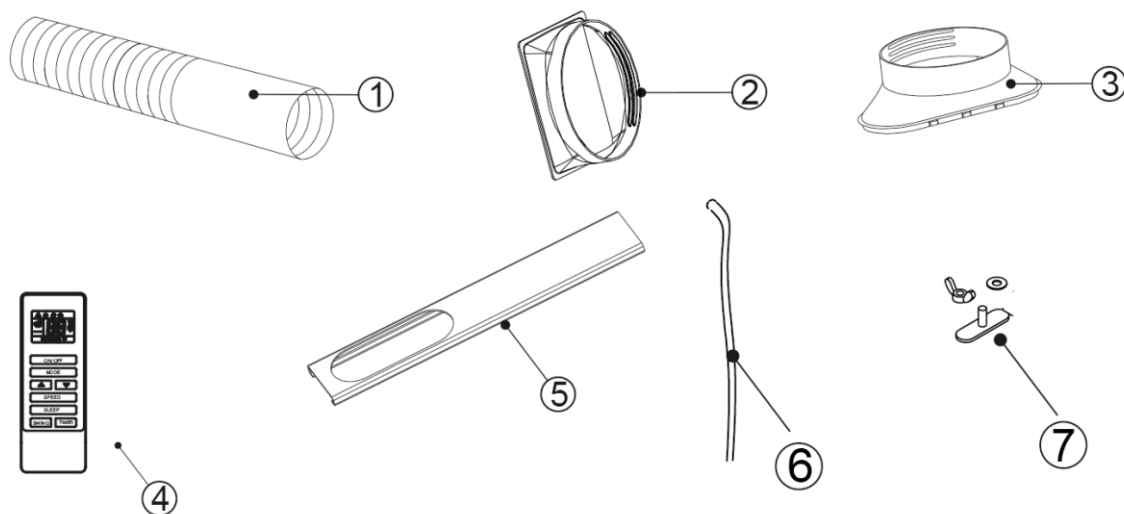
- Pull out the rubber plug to drain water.
- If it is often in this state, please contact qualified service technical.

Before claiming repair, check the machine as follows:

Failures	Causes	Solutions
Machine fails to start up.	Power supply failure: 1. Not plugged; 2. Plug or socket damaged; 3. Fuse broken.	1. Plug in; 2. Replace the power cord or socket; 3. Replace the fuse by service provider (Specification: 3.15A/250VAC).
Machine automatically stops.	TIMING shut down or set temperature reached.	Restart or wait for auto-switch.
No cold air under COOLING mode.	1. Room temperature lower than set temperature; 2. Machine enters into anti-frost protection.	1. This is a normal phenomenon, the machine will auto-switch while the room temperature is higher than the set temperature; 2. The machine will auto switch after anti-frost protection is over.
LED displays failure code "E2"	Room temperature sensor fails or damaged.	Replace the room temperature sensor.
LED displays failure code "E5"	The evaporator oil pipe sensor fails or damaged.	Replace the evaporator coil pipe sensor.
LED displays failure code "E4"	Water-full warning.	Drain out the water.

INSTALLATION

Installation accessories



- | | |
|----------------------------------|-----------------|
| 1. Air exhaust duct | 5. Baffle Plate |
| 2. Connector of air exhaust duct | 6. Drain Pipe |
| 3. Window exhaust adapter | 7. Wing nut set |
| 4. Remote control | |

Select the best location

- Beside a window or door.
- There must be at least 60 cm of space between all sides of the unit and the wall.
- Fix one end of the air hose to the air outlet, which is on the underside of the appliance.
- Extend the air hose, ensuring the other end of the air hose has space between the window, door or any other opening.
- Do not block the air outlet or intake.

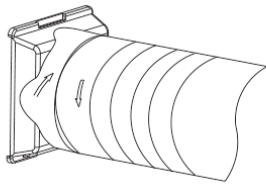
Install Exhaust Hose and Adapter

How to connect the connectors to the Air exhaust duct

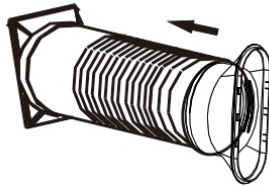
1. Extend the air exhaust duct by drawing out the two ends of the duct.



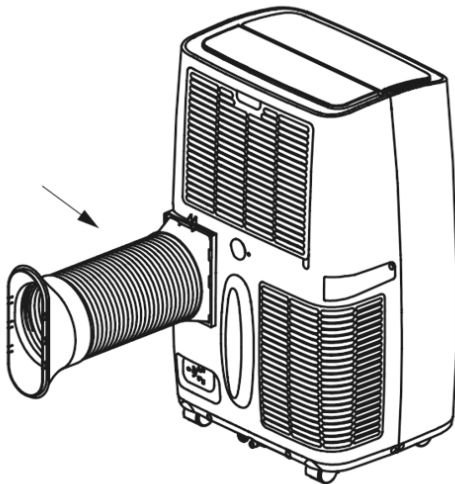
2. Screw the air exhaust duct into the connector of air exhaust duct.



3. Screw the connector of window into the plastic connector.



4. Connect the connector of air exhaust duct to the unit.



Install Window Kit

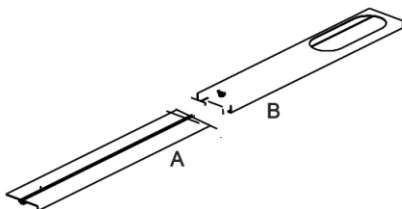
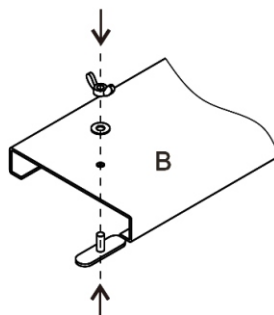


Fig.1

1. Separate both boards A board and B board.



2. Screw the wing nut through the B board. Leave 2/3 mm of free space.

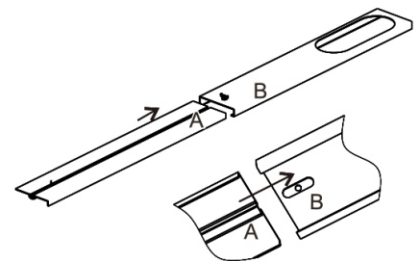


Fig.2

3. Insert A board into B board according to arrowhead direction.

4. Assembly finished, you can adjust A board up or down, according to height of the window. Screw it unit it is tight.

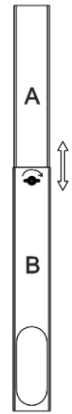


Fig.3

5. Install exhaust air duct & its accessories into window kit according to arrowhead direction.

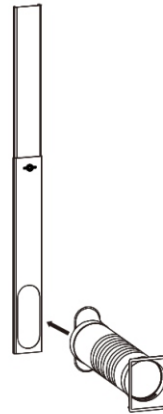


Fig.4

6. Assembly finished.

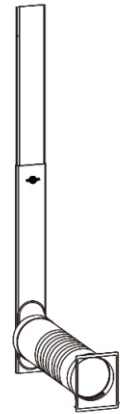


Fig.5

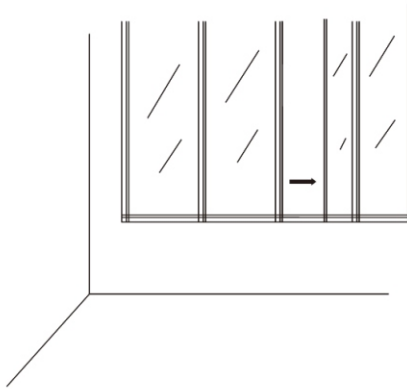


Fig.6

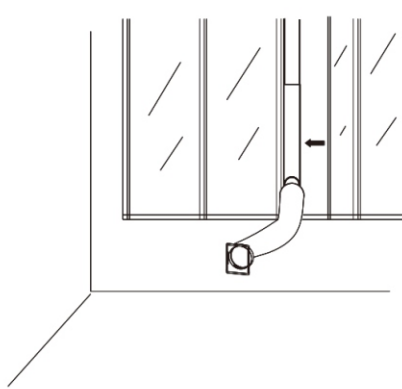


Fig.7

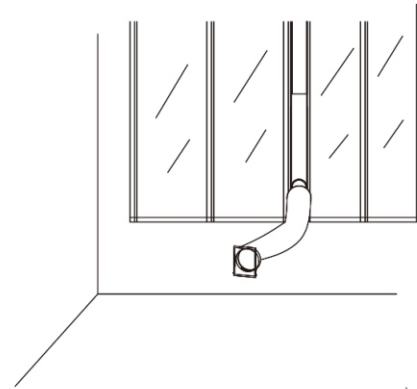


Fig.8

7. Open the window where need install exhaust air duct, window kit and their accessories.

8. Install exhaust air duct, window kit and their accessories onto window, then close the window according to arrowhead direction in Fig7 drawing to press window kit tightly.

9. Install exhaust air duct, window kit and their accessories onto window according to Fig8 drawing illustrated.

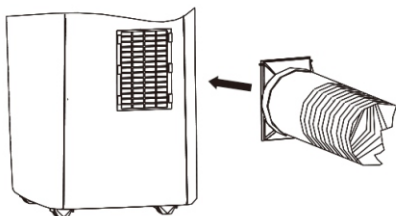


Fig.9

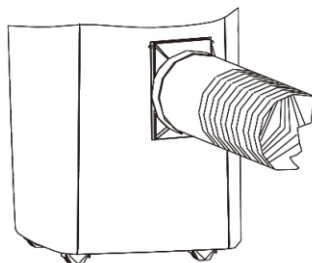


Fig.10

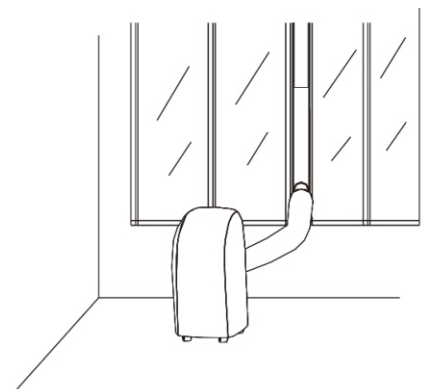


Fig.11

10. Connect another end of exhaust air duct and its accessories onto portable air conditioner.

11. Exhaust air duct & its accessories assembly finished as Fig10 drawing illustrated.

12. Whole unit assembly well as Fig11 drawing illustrated.

TECHNICAL SPECIFICATIONS

Model		PDF41-3036ZWR5
Cooling Capacity		4000W
Heating Capacity		3000W
Dehumidifying Capacity (l/h)		1.5l/h
Cooling Input Power/Current		1500W/6.9A
Heating Input Power/Current		1250W/5.7A
Air Flow Volume(m ³ /h)		400m ³ /h
Rated Voltage/Frequenc(V/Hz)		220-240V~50Hz
Sound Pressure Level(dB(A))		L _{PA} :54dB(A)
		L _{WA} :65dB(A)
Rated Energy Efficiency Ratio(EER _{rated})		2.6
Global Warming Potential(kg CO ₂)		3
EER _{rated} Class		A
Net Weight(Kg)		31Kg
Dimensions WDXH	Body(mm)	440X335X710mm
	Package(mm)	470X380X880mm
Refrigerant		R290
Applying Space(m ²)		21-27m ²
Miniature Fuse		3.15A 250VAC

Model		PDF35-3036ZWR5
Cooling Capacity		3500W
Heating Capacity		2700W
Dehumidifying Capacity (l/h)		1.2l/h
Cooling Input Power/Current		1300W/6.9A
Heating Input Power/Current		1120W/5.7A
Air Flow Volume(m ³ /h)		400m ³ /h
Rated Voltage/Frequenc(V/Hz)		220-240V~50Hz
Sound Pressure Level(dB(A))		L _{PA} :54dB(A)
		L _{WA} :65dB(A)
Rated Energy Efficiency Ratio(EER _{rated})		2.6
Global Warming Potential(kg CO ₂)		3
EER _{rated} Class		A
Net Weight(Kg)		29.5Kg
Dimensions WDXH	Body(mm)	440X335X710mm
	Package(mm)	470X380X880mm
Refrigerant		R290
Applying Space(m ²)		18-23m ²
Miniature Fuse		3.15A 250VAC

RECYCLING& DISPOSAL

The packaging of your new product has a recycle mark on it. Please dispose of it as recycled paper. Waste electrical products should not be disposed of with general household waste. This is to prevent the possible harm to the environment and human well-being. Contact your local council or government for information regarding the collection schemes in your area.

UK

If you have any questions, please contact our customer care center.

Our contact details are below:



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