ASPEN®
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Xtra
the installer's choice

Portable Air Conditioning Unit & Remote Control manual

MODELS
AX3000/1 – COOL ONLY
AX3005/1 – COOL & HEAT

AX3001/1 – COOL ONLY (EU)
AX3006/1 – COOL & HEAT (EU)

INSTALLATION AND OPERATIONS MANUAL

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Air Conditioning Unit

Air Conditioning Unit Remote Control

Safety Precaution

Your safety and safety of others is very important. We have provided many important safety advisorys in this manual and on your appliance. Always read and obey all safety requirements.

⚠️ **WARNING**   This symbol indicates the possibility of death or serious injury.

⚠️ **CAUTION**   This symbol indicates the possibility of injury or damage to properties only.

⚠️ WARNING

❗ This appliance can be used by children aged from 8 years and above and persons, any persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge must be given supervision or instruction concerning the use of this appliance in a safe and correct manner.

❗ Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

❗ Electrical connection of this appliance must be carried out in accordance to local codes of practice.

❗ An earth leakage breaker with rated capacity must be installed to avoid possible electric shocks.

❗ **Don't install air conditioner in a place where there is flammable gas or liquid.** It may cause fire.

❗ If the power supply cord is damaged, it must be replaced by the manufacture or its service agent or a similar qualified person.

❗ The specification of fuse is AC250V T3.15AL.

❗ Voltage should be in the range of 220~240V. The appliance should be installed in accordance with national wiring regulation. The plug should be easily accessible after installation. If the fuse on the unit PCB is broken, please change it with the type of F3.15A/250V.

! **Do not put fingers or other objects into the air outlet or inlets.**
As fan rotates at high speed and will cause injury.

! **Do not touch the swinging wind vanes.**
It may clamp your finger and damage the driving parts of the wind vanes.

! **Do not attempt to repair the air conditioner by yourself.**
All repair works must be carried out by a fully qualified engineer with the appropriate accreditations.

! **Do not operate in lighting storm weather.** Please cut off the primary power supply switch in order to prevent the machine from damage.

! **Do not use liquid or corrosive detergent** to clean the appliance and don't splash water or other liquid onto it , otherwise, it may damage the plastic components, and cause electric shock.

! **Do not operate the unit in laundry rooms.**

⚠ CAUTION

🚫 **Do not apply cold air** to the body for a long period of time.

🚫 Clean the air conditioner with a soft dry cloth.
Do not use chemical solvent, insecticide,inflammable spraying materials which will damage the air conditioner. **Do not** sprinkle water directly on the unit.
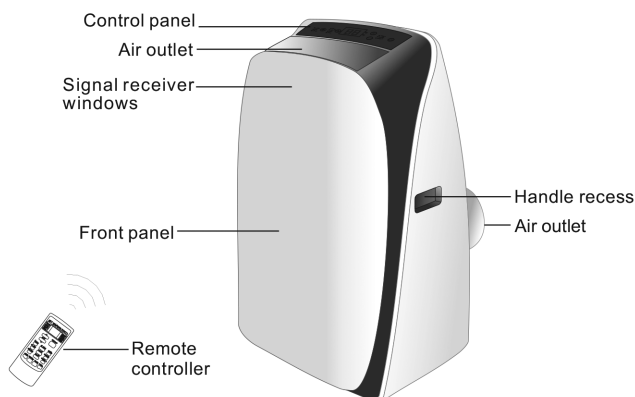
🚫 Operation of the air conditioning unit should be within a room with the doors and windows closed. Failure to do so will reduce the units ability to maintain the desired temperature & humidity.
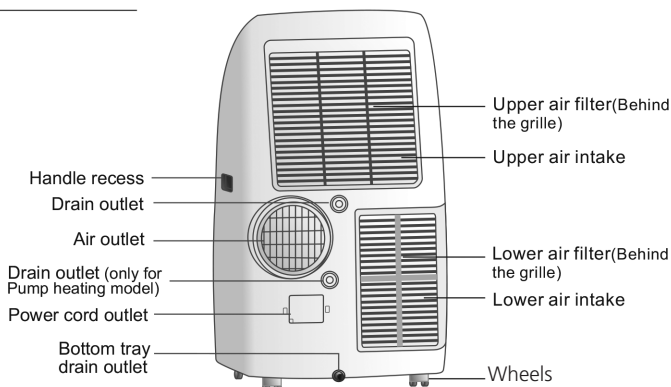
🚫 If the air filter is very dirty, the cooling or heating capacity will be reduced. Please clean the air filter regularly .
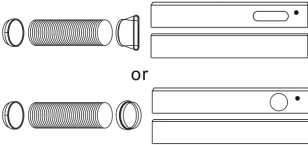
Parts Description

Control panel

Air outlet

Signal receiver windows

Handle recess

Air outlet

Front panel

Remote controller

Upper air filter(Behind the grille)

Upper air intake

Handle recess

Drain outlet

Air outlet

Lower air filter(Behind the grille)

Drain outlet (only for Pump heating model)

Lower air intake

Power cord outlet

Bottom tray drain outlet

Wheels

Note: * The descriptions in this user manual may differ slightly to the promotion information and actual appliance. Please refer to the real appliance purchased. The working temperature range of the air conditioner is 16-35°C under cooling mode; 5-27°C under heating mode .

Accessories

Parts	Parts name	Quantity
or	Exhaust hose Apaptorl and Adaptor B(flat mouth or round mouth: depending on models) Window Slider Kit and bolt	1set
	Wall Exhaust Adaptor A(#)	1pc
	Adaptor B(round mouth)(#)	1pc
	Bolt and Nut	1pc
	Drain hose (#)	1pc
	Remote controller and Battery	1pc

Note: Optional parts (#), some models without.

Note: * Please select button on the remote controller according to the related functions on the display, additional buttons may be invalid.

Control Panel
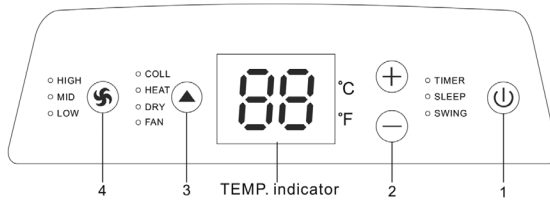
Fan

• HIGH – High speed indicator

• MID – Mid speed indicator

• LOW – Low speed indicator

Mode

• COOL – Cool indicator

• HEAT – Heating indicator (cold wind type unit without this display)

• DRY – Dehumidify indicator

• FAN – Fan indicator

Extra features

• TIMER – Time indicator

• SLEEP – Sleep indicator

• SWING – Swing indicator

Note: This icon is for all the buttons and display. Base models may not feature all the functions & modes.

Function Buttons

1 ⏻ button.

Press this button to make the unit run or stop.

2 ⊖ or ⊕ button.

Press ⊖ or ⊕ button to make the room setting temperature decrease or increase.

3 ▲ button.

Each time you press this button, a mode is selected in a sequence that goes from COOL, HEAT, DRY and FAN.

4 ⟳ button.

This button is used for setting fan speed in the sequence that goes from LOW,MID, to HIGH, then back to LOW.

Note: 1. Timer, Sleep, Swing function, "Auto"mode and " Auto"fan speed can be selected by remote controller not by control panel. **2.** Other functions on control panel are as same as remote controller's.

Operation

Before starting the unit

1. Select a suitable location, make sure the unit is near to an electrical outlet.

2. Install the flexible exhaust hose and the adjustable window slider kit.

3. Plug the unit into the correct outlet.

4. Turn the unit on.

Heating operation mode (Cooling only model has no heating function)

1. Press the MODE button in sequence until the heat display is illuminated.

2. Press the "+"and "-"button to set your desired temperature.

3. Press FAN button to select the fan speed.

4. Press ON/OFF button to start the unit and press it again to stop.

Cooling operation mode

1. Press the MODE button in sequence until cool is illuminated.

2. Press the "+"and "-"button to set your desired temperature.

3. Press FAN button to select the fan speed.

4. Press ON/OFF button to start the unit and press it again to stop.

Dehumidify operation mode

1. Press the MODE button in sequence until the dry display is illuminated.

2. The fan will run at a fixed speed at this operation mode.

3. Close windows and doors for the best dehumidifying effect.

4. Press ON/OFF button to start the unit and press it again to stop.

Circulation operation mode

1. Press MODE button in sequence until the fan display is illuminated.

2. Press the FAN button to select the fan speed.

3. Press the ON/OFF button to start the unit and press it again to stop.

**Timer operation**

1. Press the TIMER button.

2. Press the "+" and "-"button to adjust your timer time.

Note: "Time off" is effective only when the air-conditioner is running.

"Time on" is effective only when the air-conditioner is stopped.

Removal of condensate water

When the internal water tank is full, the control panel display indicates "P1".

1. Open the drain cover and extract it upwards.
2. Put a container under the drain pipe, take out the plug on the drain pipe and let out the condensate water.
3. After all the water has been emptied, replace the plug back onto the drainage outlet, and replace the cover.
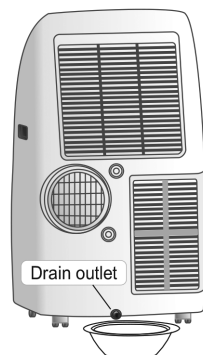
⚠ **IMPORTANT** This water is not suitable for drinking.

Installation

Select a best location

1. Install the mobile air conditioner in a flat and spacious location where the air outlets will not be obstructed.
2. A minimum clearance of 50cm from walls or other obstacles should be kept.
3. The gradient can't be more than 10 degrees in the horizontal plane while using the unit & fitting kit.

Note: 1. The air conditioner shall not be used in the laundry.
2. The plug shall be accessible after the unit is positioned.
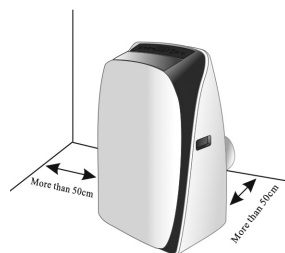
Window kit installation

Your window kit has been designed to fit most standard vertical and horizontal window applications. However, it may be necessary for you to improve or modify some aspects of the installation procedure for certain types of window. Please refer to fig. A & fig. B for minimum and maximum window openings.

Note: The bolt and nut are used to fix window fixing board.

Horizontal window

Fig. A

Window slide kit
minimum:67.5cm
maximum:125cm

Fig. B

Vertical window

Window slide kit
minimum:67.5cm
maximum:125cm

Fig. C Nut

Bolt
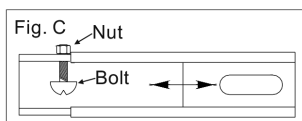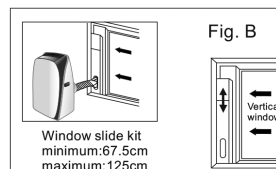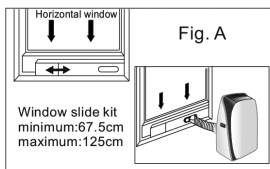
Maintenance

Your new air conditioner is designed to give you dependable service for many years. This section tells you how to clean and care for your air conditioner properly. We advise that you contact your local accredited specialist for the annual maintenance. Remember the cost of this service call is your responsibility.

Cleaning Air Filter

If the air filter is covered by dust, the cooling capability will be decreased.
Please clean the air filter every two weeks, dependant on use.

1. Turn off the power supply
2. Pull out the filter cover and remove the filter from cover
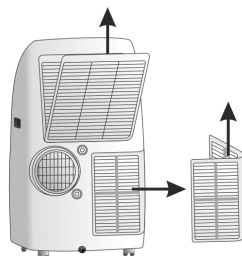3. Hoover off the surface of the filter and then if necessary wash air filter in warm soapy water. Do not put air filter in the dishwasher or use any chemical cleaners. And dry filter completely before replacing.
4. Attach the air filter to the filter cover using the attachment hooks on the inner surface of the cover. Put the filter cover back to it's place.

Duct mount instruction

1a. Connect the exhaust air outlet hose by screwing into the round hose adaptor. Clip the hose and adaptor onto the air outlet of the unit.
2b. Connect the appropriate adaptor onto the opposite end of the air outlet hose.
3c. Fit the adaptor sub-assembly to a nearby window.
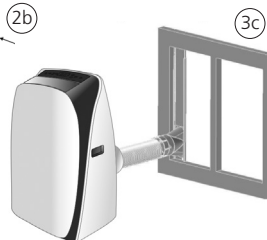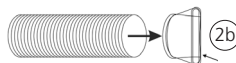
Note: 1.The duct can be compressed to 450mm minimum and extended to 1800mm maximum. It is better to keep the duct length to a minimum.
2. The exhaust air must always be vented to outside.
3.Stretching or bending the duct excessively will affect the cooling efficiency.

Do not!

Yes!

Cleaning The Unit

1. For the purpose of safety, please turn off the air conditioner power supply.

2. Wipe the unit with a dry cloth.

3. If the unit is very dirty, please wipe with a damp cloth.

Note: If the unit remains unused for a long period of time please remove the condensate water & leave the drain bung out.

⚠ WARNING

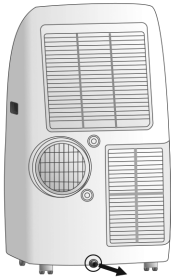• Do not use gasoline, benzene, thinner or any other chemicals, or any liquid insecticide on the air conditioner, as these substances may cause flaking off of the paint ,cracking or deformation of plastic parts.

• Never attempt to clean the unit by pouring water directly over any of the surface areas, as this will cause deterioration of electrical components and risk of electrocution.

• Never use hot water over 40ºC (104ºF) to clean the air filter.

Troubleshooting

Before making a service call, please try the suggestions below if your unit is not operating correctly.

Air Condition Will Not Operate	
Causes	**Solutions**
The power switch is off	Switch on the power.
Power supply failure	Wait for the recovery of power supply.
The fuse is blown	Check circuit breaker, replace the fuse. (retest if fuse re-blows – contact electrician)
It doesn't reach the setting time for starting up.	Wait or eliminate the original setting

Unit Doesn't Start When Pressing ON/OFF Button	
Causes	**Solutions**
It is not three minutes after switch off.	Wait three minutes.
Room temperature is lower than the setting temperature.	Reset the temperature.

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Air blowing out, but the cooling effect is bad	
Causes	**Solutions**
Mistakes in temperature setting.	Reset temperature. Set temperature should be lower than ambient temperature.
The air filter is blocked by dust.	Clean the air filter.
The air inlet or outlet of machine is blocked.	Remove the obstruction.
The air conditioner is on in a very hot room.	Allow additional time to remove stored heat from walls, ceiling, floor and furniture.
Cooling capacity is insufficient.	Reconfirm the required cooling capacity with your dealer.
The doors or windows are open.	Close the doors and windows.

Noise or vibration	
Causes	**Solutions**
The ground is not level or not flat enough.	Place the unit on a flat, level ground if possible.

WEEE Warning

Meaning of crossed out wheeled dustbin:

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 groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

Compressor Manufacturer or Trade mark	Refrigerant	The name of oil
Highly	R410A	68HES-H or equivalent
Meizhi	R410A	ESTER OIL Vg74
Rechi	R410A	NMOC Ze-Gles RB68EP or equivalent

Notes
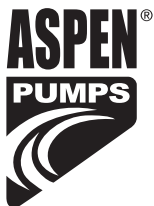
Portable Air Conditioning Unit Remote Control Manual

MODELS
AX3000/1 – COOL ONLY
AX3005/1 – COOL & HEAT

AX3001/1 – COOL ONLY (EU)
AX3006/1 – COOL & HEAT (EU)

- Read these instructions carefully so that you can use the air-conditioner safely and correctly.
- Take good care of the instructions so that it can be referred to at any time

OPERATIONS MANUAL

Buttons description
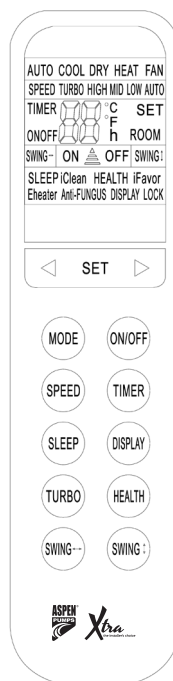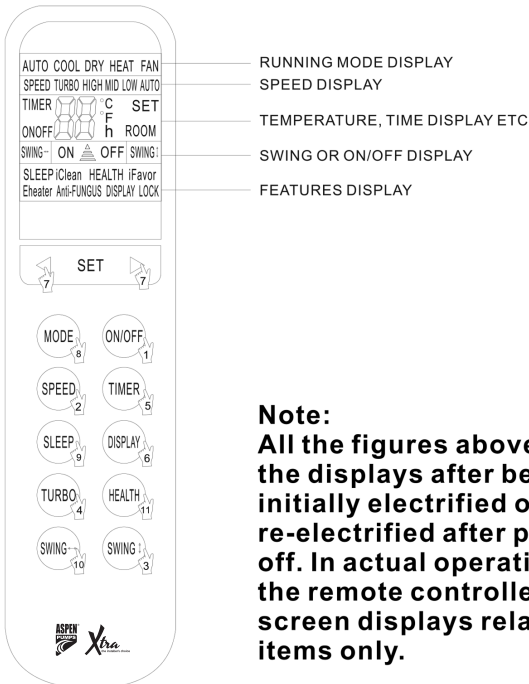
AUTO COOL DRY HEAT FAN	RUNNING MODE DISPLAY
SPEED TURBO HIGH MID LOW AUTO	SPEED DISPLAY
TIMER °C SET	
F	TEMPERATURE, TIME DISPLAY ETC
ONOFF h ROOM	
SWING- ON OFF SWING┆	SWING OR ON/OFF DISPLAY
SLEEP iClean HEALTH iFavor	
Eheater Anti-FUNGUS DISPLAY LOCK	FEATURES DISPLAY

SET

MODE (8) ON/OFF (1)
SPEED (2) TIMER (5)
SLEEP (9) DISPLAY (6)
TURBO (4) HEALTH (11)
SWING (10) SWING (3)

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Note:
All the figures above are the displays after being initially electrified or re-electrified after power off. In actual operations, the remote controller screen displays related items only.

The **cooling only units** don't have the function of heating or electric heating. When the remote controller turns to such function buttons, the units will not result such effect.
*Please don't turn the remote controller to such buttons.

Note: The picture is a general remote controller, and contains all function buttons. they may be slightly different – dependant on model.

1. "**ON/OFF**" button
Start or stop the air-conditioner by pressing this button.

2. "**SPEED**" button
Select fan speed as following:

Low → Mid → High → Auto

3. "**SWING ┆**" button
The vertical wind direction vanes can rotate automatically, when you have the desired horizontal direction, press again, the vertical wind direction vanes will stop at the position of your choice.

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4. "**TURBO**" button
Only under the state of cooling or heating mode, press this button, the fan speed is adjusted to 'HIGH' automatically and the LCD displays "TURBO", the "TURBO" function is used to reach the highest cooling or heating temperature quickly.

5. "**TIMER**" button
Setting the "**ON**" **timer time:**
a. When remote controller is at off state, press "TIMER" button, the LCD displays "TIMER ON" and the timer time, the range of setting time is 0.5h to 24h.
b. You can press the "△" or "▽" button to adjust the timer time, each touch will be set time to increase or reduce 0.5 h up to ten hours, after ten hours the set time will increase or reduce 1h per press, to enable your required time.
c. Press "TIMER" button again, to set the timer on function.
d. You can set another function to insure the suitable state after air conditioner turn on (including mode, temperature, swing, fan speed and etc). The LCD will displays all your setting and keep it, when the timer reaches the set time, the air conditioner will work according to your setting automatically.

Setting the "**OFF**" **timer time:**
a. When remote controller is at "ON STATE", press "TIMER" button, the LCD displays "TIMER OFF" and the timer time, the range of setting time is 0.5h to 24h.
b. You can press the "△" or "▽" button to adjust the timer time, each press will set time to increase or reduce 0.5 hour up to 10h, after 10 hours the set time will increase or reduce 1h per pressing, to enable your required time.
c. Press "TIMER" button again, to set the timer off function.

6. "DISPLAY" button
Turns LCD display ON or OFF

7. "△" or "▽" button
Press the "+" or "-" button,you can set the temperature range from 16℃ to 32℃.

8. "**MODE**" button

Enables you to select different operation modes
after each press, the operation mode will be changed. It
shows in the following display.

AUTO→COOL→DRY→HEAT→FAN→AUTO

Note: Cooling only units have no heating function.

9. "**SLEEP**" button

1.Press the SLEEP button, the sleeping indicator light
flashes on.
2. After setting sleep mode, the cooling operation
enables the set temperature to increase 1℃ after 1hour
and another 1℃ automatically after 1 hour.
3. After setting sleep mode, the heating operation
enables the set temperature to drop 2℃ after 1hour and
another 2℃ automatically after 1 hour.
4.The air-conditioner runs in sleeping mode for 7 hours and
stops automatically.
Note: Press the MODE or ON/OFF button, to clear sleep mode.

10. "**SWING** ⇌ " button

The horizontal wind direction vanes can
swing automatically, when you have the desired vertical
wind direction, press again, the horizontal wind direction
vanes will be stopped at the position of your choice.

11. "**HEALTH**" button

Turn ON or OFF for the 'Health function'.

Usage

★ Automatic operation mode

1.Press the ON/OFF button, the air-conditioner starts to
operate.
2.Press the MODE button, select the automatic operation
mode.
3. Press the SPEED button, to select the fan speed.
You can select fan speed from LOW, MID, HIGH, AUTO.
4. Press the ON/OFF button to stop the air conditioning unit.

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★ Cooling/Heating operation mode
(cooling only units have no heating function)

1. Press the ON/OFF button, the air-conditioner starts to operate.
2. Press the MODE button, select the Cooling or Heating operation mode.
3. Press the "△" or "▽" button, set the temperature, temperature can be set at 1℃ difference range from 16-32℃.
4. Press the SPEED button, to select fan speed. You can select fan speed from LOW, MID, HIGH, AUTO.
5. Press the button again, the air-conditioner stops.

★ Fan operation mode

1. Press the ON/OFF button, the air-conditioner starts to operate.
2. Press the MODE button and select FAN operation mode.
3. Press the SPEED button, to select fan speed. You can select fan speed from LOW, MID, HIGH.
4. Press the ON/OFF button to stop the air-conditioning unit.

Note: In "FAN" operation mode the temperature setting is noneffective

★ Dehumidify operation mode

1. Press the ON/OFF button, the air-conditioner starts to operate.
2. Press the MODE button to select the Dehumidify operation mode.
3. Press the "△" or "▽" button to set the temperature, temperature can be set at 1℃ difference range from 16-32℃.
4. Press the SPEED button, to select fan speed. You can select fan speed from LOW, MID, HIGH, AUTO.
5. Press the ON/OFF button to stop the air-conditioning unit.

★ Fix batteries

1. Slide open the cover in the direction as indicated by the arrow on the handset.
2. Put in two brand new batteries & position the batteries to the right electric poles (+ & –)
3. Replace the cover.

Attention

1. Aim the remote controller towards the receiver on the air-conditioner.
2. The remote controller should be within 8 meters away from the receiver.
3. No obstacles between the remote controller and receiver.
4. Do not drop or throw the remote controller.
5. Do not put the remote controller in direct sunlight or other heat sources.
6. Use two batteries.
7. Take batteries out of the remote controller if the unit is not being used for long periods of time.
8. If the unit does not respond to the remote control replace the batteries.
9. The waste battery should be disposed of properly.

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

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