HELLER

Instruction Manual

15,000 BTU Portable Air Conditioner

Model: HYAC15

READ AND SAVE THESE INSTRUCTIONS

Please read and follow the instructions in this user manual even if you feel you are familiar with the product, and find a place to keep it handy for future reference.

For your convenience record the complete model number (located on the product identification plate) and the date you received the product, together with your purchase receipt and attach to the warranty and service information. Retain in the event that warranty service is required.

NOTE: The rating of this product (as marked on the product identification plate) is based on specific loading tests. Normal use or the use of other recommended attachments may draw significantly less power.

IMPORTANT SAFEGUARDS

When using any electrically powered product, basic safety precautions should always be followed, including the following:

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT

WARNING!: - to reduce the risk of fire, electrical shock or injury to persons or property:

- Read all instructions.
- Always operate the product from a power source of the same voltage, frequency and rating as indicated on the product identification plate.
- Disconnect the power plug before dismantling, assembling or before cleaning.
- Avoid touching mobile parts of the appliance.
- Do not use the appliance for any other purpose other than its intended use.
- Do not operate this product with a damaged cord or plug, or after the product malfunctions, or appears damaged in any way. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- This appliance is for indoor use only.
- Keep the appliance away from heat sources, and direct sunlight.
- Never insert fingers, pencils, or any other objects through the air vent guards whenever the power plug is connected, especially while running.
- Always switch off the appliance before unplugging it.
- The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the unit safely.
- This appliance is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction.
- Young children should be supervised to ensure that they do not play with the appliance.
- When using the appliance never leave the appliance unsupervised when in use. Switch off the appliance if you have to leave for even a short period of time.
- Never use the mains point switch as a switch to start and turn off the air conditioning unit. Use the provided On/Off switch located on the control panel.
- Always place the portable air conditioner on a dry stable surface.
- The appliance shall not be installed in the laundry.
- The appliance must be positioned so that the plug is accessible. And it shall be in accordance with national wiring regulations.
- The air conditioning unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor; in case of any doubt after moving the appliance we suggest to wait for at least 24 hours before you start the air-conditioning unit.

- Always unplug the appliance before cleaning or changing any parts of the appliance, or when it's not in use.
- Never immerse the appliance in water or any other liquid.
- The appliance must not be used if the guards are not fastened according to instructions.
- Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrician or electrical supplier.
- The air conditioning unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor; in case of doubt wait at least 24 hours before you start the air-conditioning unit.
- Avoid restarting the air conditioning unit unless 4 minutes have passed, since being turned off, or the compressor may get damaged.
- The plug should be well secured and not damaged.
- Do not plug in the appliance with an adaptor.
- Plug into the wall socket before switching on the appliance, and then press the ON/OFF button.

Special Recommendations

- Ensure that the appliance is positioned on a flat, large, dry surface without any obstacles nearby. A minimum distance from furniture and walls is 50cm in all directions.
- The plug should be easily accessible.
- In order to maintain the function of the compressor, the appliance should always be in a vertical position.
- Do not use the appliance near gas or other flammable liquids.
- Do not block the air outlet, inlet grills or the air inlet ventilation.
- Do not use spray (insecticides, paint) or any other flammable products near the appliance as the plastic may become deformed. The unit may also sustain electrical damage.

Energy Saving Tips

- Keep blinds and /or draperies, on any windows, closed during the sunniest part of the day.
- Keep the filters clean. Under normal conditions, the filters should be cleaned every 2 weeks. Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the indoor air quality.
- Set the fan speed switch to high cool and the thermostat to the coolest position for the initial start-up, then set the Fan switch to Low cool and lower the thermostat to a comfortable setting.

Suggestions

If you want to get better effect, we suggest you not to use cooling function when ambient environment is higher than 35°C.

WARNING

If the supply power cord is damaged, the power cord must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

This product has not been designed for any uses other than those specified in this booklet.

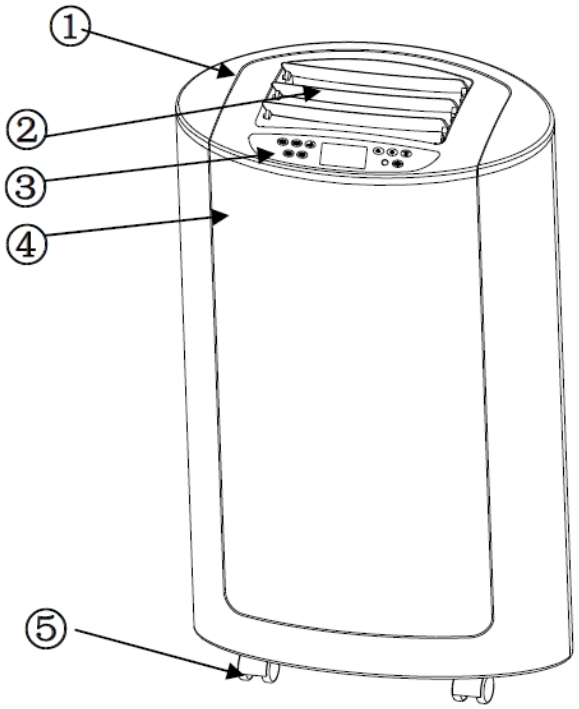
SAVE THESE INSTRUCTIONS

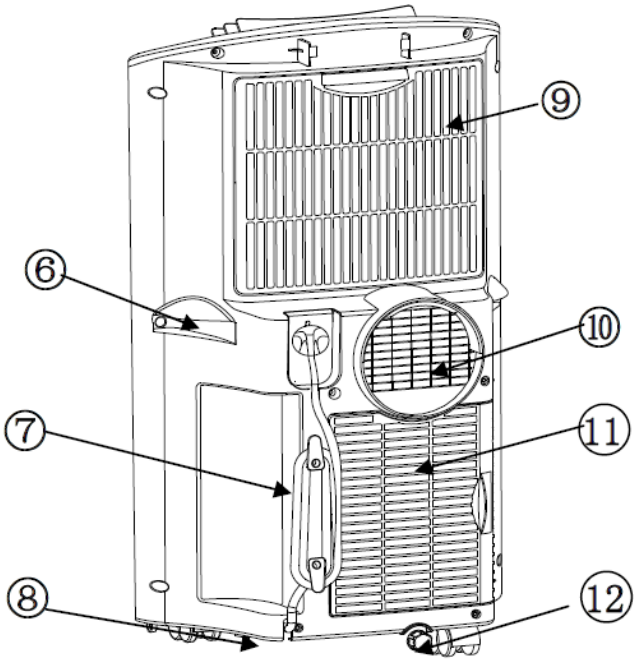
BEFORE FIRST USE

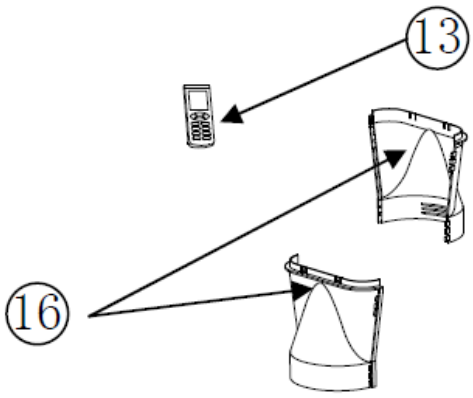
Before use, remove all packaging and inspect the appliance for any damage. If there appears to be any damage, please take the unit back to place of purchase for a replacement.

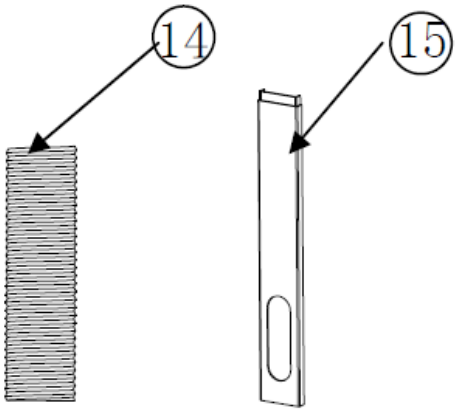
PARTS & FEATURES

1. Tope cover
2. Air outlet grille
3. Control panel
4. Front cover
5. Castor
6. Handle
7. Power cord
8. Drain port
9. Up filter frame
10. Protective net
11. Down filter frame
12. Water plug
13. Remote control
14. Exhaust hose
15. Window kits
16. Hose adaptor









INSTALLATION

WARNING: Before using this unit, please keep it upright at least 2 hours.

The unit can be moved easily among the rooms, but please note the following:

1. Assemble hose adaptor (Figure 1).

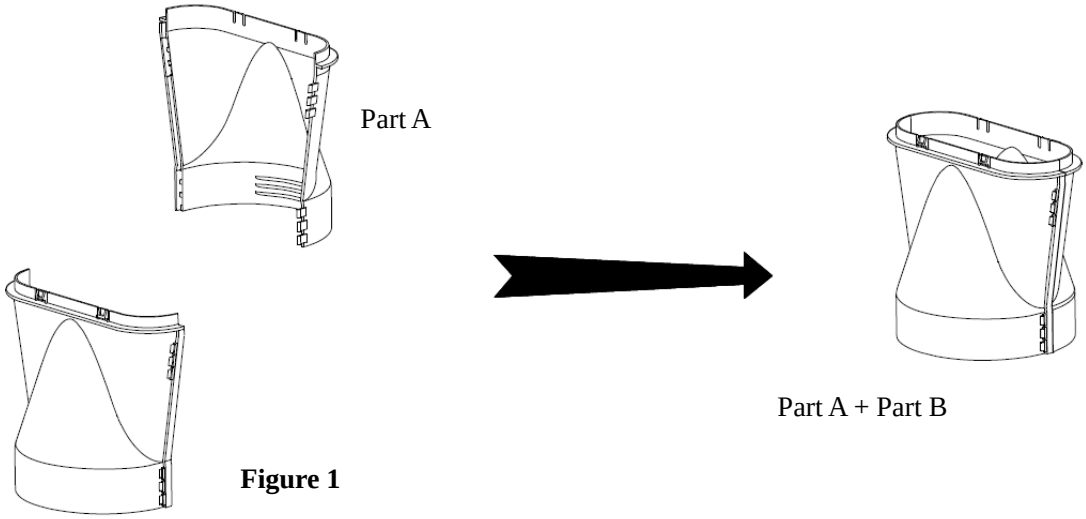


Figure 1

   a. Prepare the separate parts of the hose adaptor (Part A & Part B); they are almost same on the structure.
   b. With each hand, hold one part so you can connect them easily.
   Remarks: Don't push too hard when connecting together, to prevent damage.

2. Assembly of the exhaust hose (Figure 2).

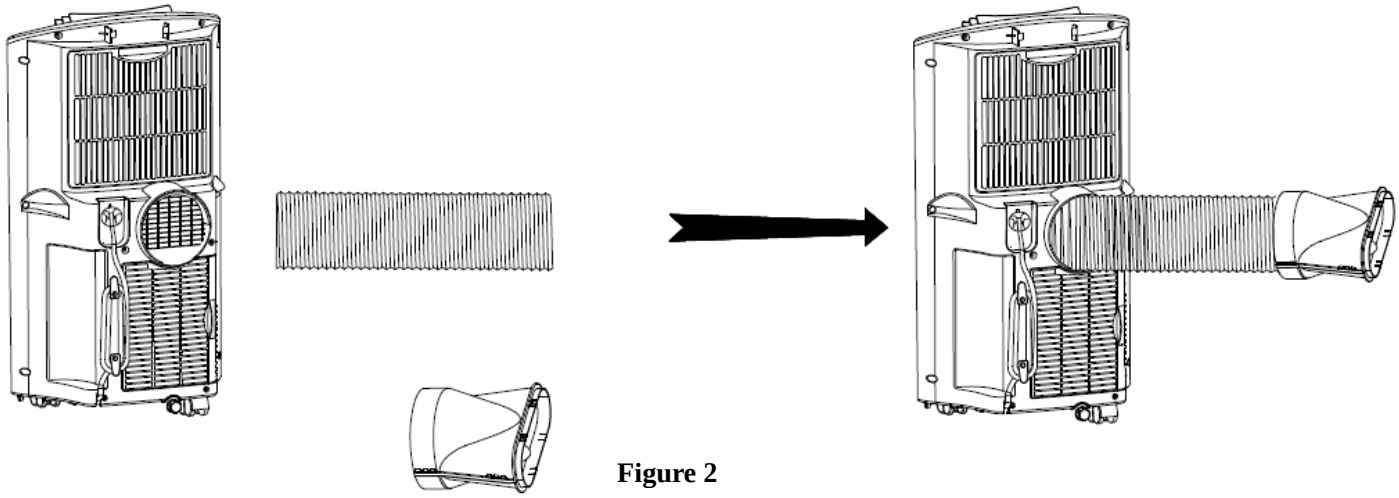


Figure 2

   a. Lengthen one head of the hose; screw it into the unit anti-clockwise.
   Remarks: Screw it to its place, no less than three circles.
   b. The same way to connect the hose to the assembled adaptor (At least three circles).

3. Installation of window kits. Partially open the window and then fix the window kits to the window (Figure 3 & 4 below).

   The window kits can be installed on most normal and vertical windows, and it is adjustable.

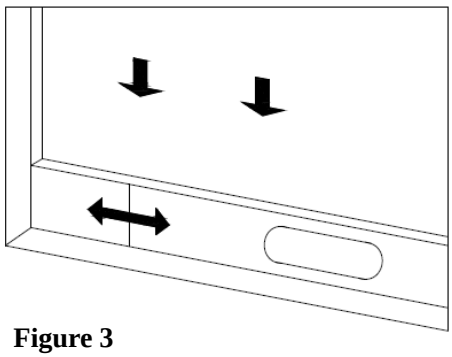


Figure 3

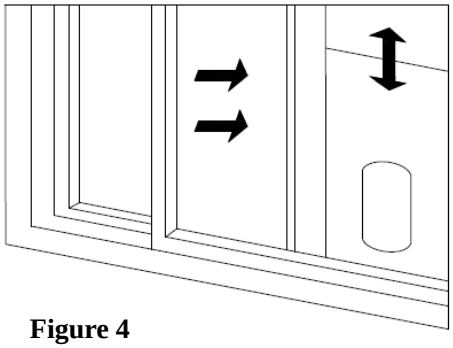


Figure 4

4. Please make sure the unit is upright. The unit should be placed on the even floor with the minimum distance 50cm away from furniture and walls (Figure 5).

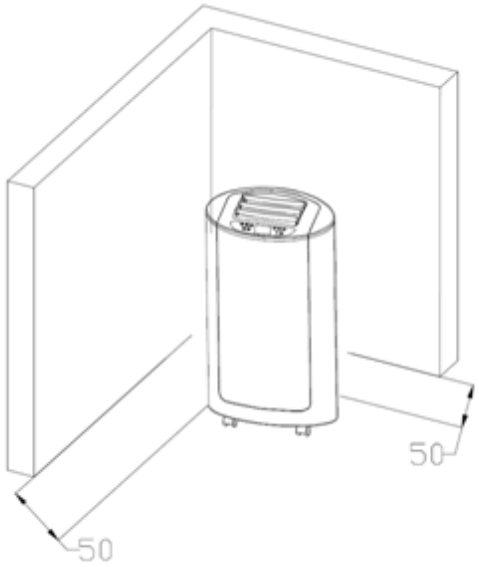


Figure 5

Fix the other end of the heat- exhausted hose to the air-outlet window kit (Figures 6 & 7).

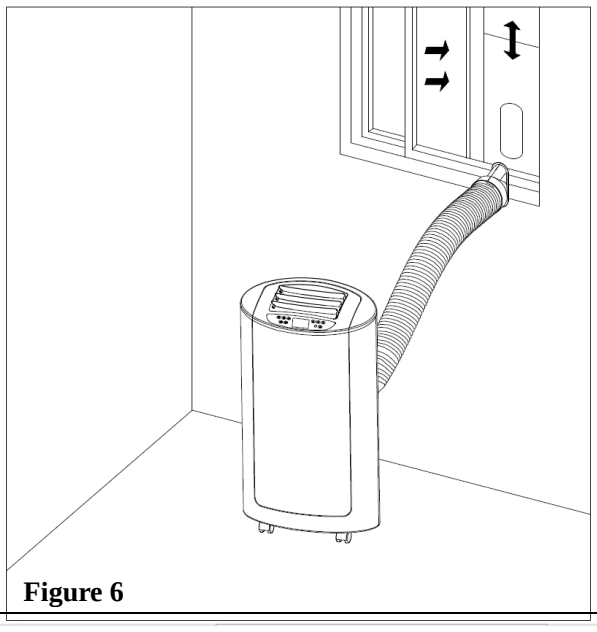


Figure 6

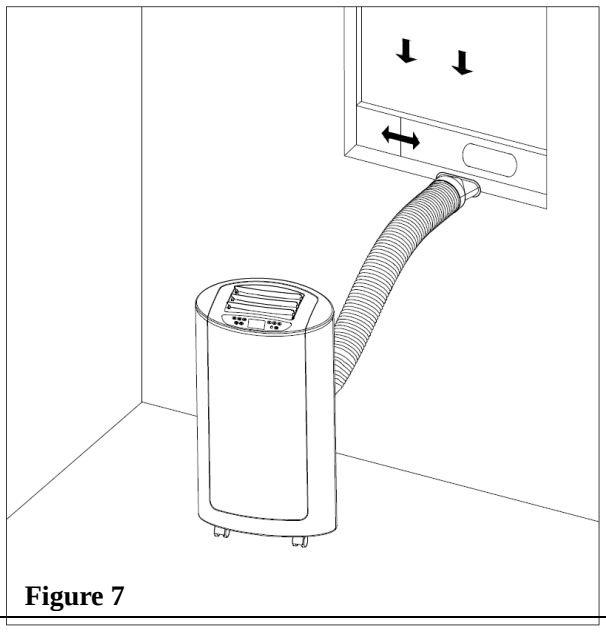


Figure 7

Important Safeguards

The length of the outlet hose is from 280mm to 1500mm which bases on the unit. The air-exhaustion must be well ventilated, if not, may cause the unit to overheat.

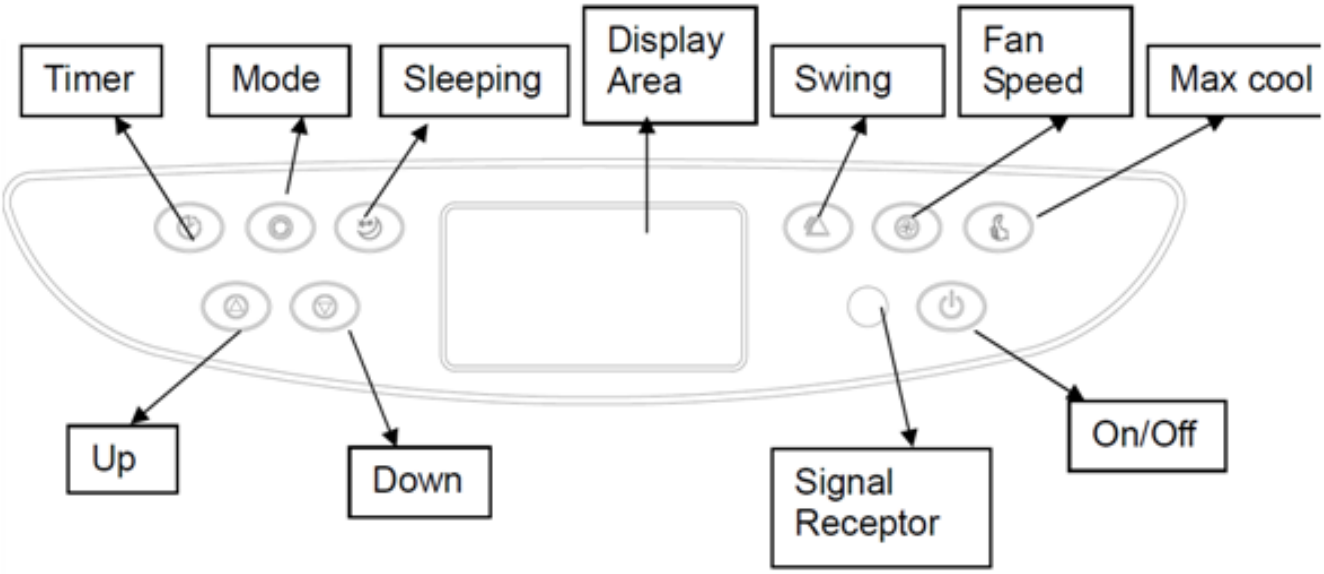
NOTE: Always use the hose that comes with the unit, any other hose that is not compatible with the unit will overheat the unit.

CONTROLS & SETTINGS

- This unit HYAC15 (Cooling model only) has two functions: cooling and fan.
- Fan has three speeds: high speed, middle speed and low speed.
- Setting temperature is 18°C-30°C
- 24 Hours timer
- Sensor
- Water-level protective function

1. Control Instructions

   Control Panel:



a. When plug in, follow the start music, unit is in standby status. Digital screen will indicate temperature (Range: 5°C-35°C/41°F-95°F), if ambient temperature above 35°C, screen will show "H". If it is below 5°C, it will indicate "L" and the unit will enter standby status.

b. **ON/OFF** button:
When pressing this button, the model will enter cooling mode (Setting temperature 24°C/75°F), high speed fan. Press again, the unit will shut off and play shut-off music.

c. **Mode button** :
Press this key to choose Cooling and Fan mode.

d. **Fan button** :

i. Under cooling mode:

HIGH FAN( )→MIDDLE FAN( )→LOW FAN( )→HIGH FAN ( )→…, goes like this.

ii. Under fan model: same as cooling mode.

iii. If switch between cooling and fan, fan speed won't change.

e. **Timer button** :

Press it, icon will flash, "88" areas indicate 24:00; you can set your time through and buttons. The HOUR number will change from 1,2,3…25; the Minute number will change from 10, 20, 30…50. Auto shut-off timer is only available when the unit on; auto-run timer is only available when the unit is off.

After timer setting accomplishes effectively icon will keep on flashing until setting time is due. If set again, history record will be cleared.

f. **Up** and **Down** button: Can set temperature.

Under cooling mode, the setting temperature ranges from 18°C-30°C/64°F-86°F.

If pressing Up and Down button simultaneously, the unit will shift between °C to °F.

g. **Sleeping key** :

Under cooling mode, pressing the key can make the unit change into sleeping mode, LCD will show , press again to cancel.

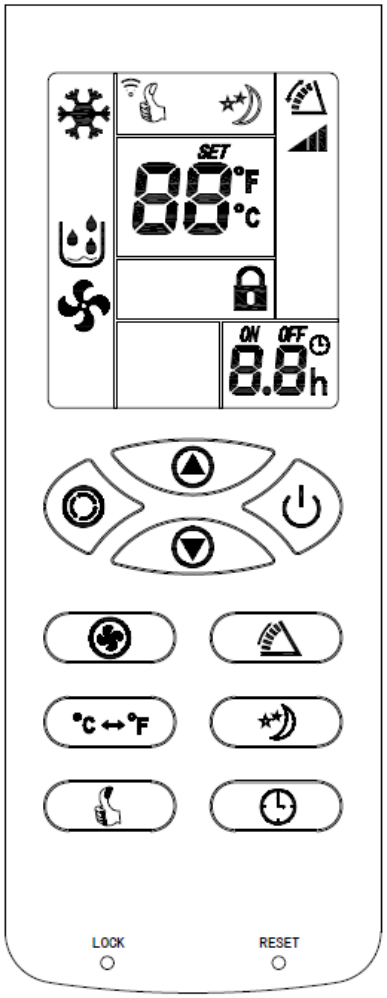
h. **Swing button**:

Press this key to start auto swing function, press again to cancel.

i. **Max cool key** :

Press this key to choose Max cool function; you can get cooling effect quickly only under cooling mode.

2. Remote Control



Remote control for Cool only

a. **Power** : Press this key to turn on/off the button.

b. **Mode** : Press this key to choose cooling and fan.

c. **Up** : Press this key to turn up the temperature or adjust time.

d. **Down** : Press this key to turn down temperature or adjust time.

e. **Fan** : Press this key to set low/ middle/ high fan speed.

f. **Swing** : Press this key to control the swing function.

g. **Temperature °C ↔ °F** : Press this key to choose Centigrade or Fahrenheit.

h. **Sleeping** : Press this key to enable this function.

i. **Timer** : Press this key to set time. Within 5 hours, time interval is half hour; from 5 hours to 24 hours, time interval is 1 hour. Once set number will flash 5 times as confirmation.

j. **Max cool**: Under cooling mode, press this key to achieve maximum output.

k. **Kepad lock**: Once set, press this key to use of something like a pin to lock the button, as the screen will show image: , press this key again to unlock (This function can prevent the child from playing with the unit).

l. **Reset**: Press this key by using something like a pin to reset the remote control, default setting is cooling mode and high speed fan, auto swing.

3. Multi protective function

a. *Anti-freezing protecting control:*
When the ambient temperature is very low under Cooling mode, the compressor and water motor will stop working if the copper coil temperature Tp < 2°C, the for over 20 seconds. After the compressor continues working for 10 minutes, the LCD Display E4; when copper coil temperature will increase >8°C, the protection will be stopped automatically, and recover to previous mode on the condition that compressor three-minutes delay protection satisfied.

b. *Water-full protection:*
When the water level in the bottom water plate is surpassing warning level, the unit will alert automatically and "P2" will flash on LCD. Please discharge water in the machine according to Chapter "Water Drainage".

c. *Compressor delay-function:*
Except for the first power-on, the compressor can start at once. In other cases, the compressor runs under 3 minutes delay protection.

d. *No refrigerant protection:*
Under cooling and fan mode; after compressor works for over 10 minutes. If the temperature difference of coil temperature and room temperature is less than 3°C for more than 30 minutes, the machine will enter no-refrigerant protection. That is to say, there is no refrigerant in the unit, compressor and water spring motor stop working, up fan runs with low speed, down fan stops running, E3 appears on LCD.

e. Press any key on the control panel; background light will turn bright from dark for 10 seconds.

WATER DRAINAGE

1. Manual Drainage:
   a. When water tank is full and unit stops working; please shut off the unit and unplug it. Please don't move the model abruptly, or the water will spill out from water received plate.
   b. Use a water container to take water out of the water plug.
   c. Unscrew the water cap and unplug the water plug, water will come out to the water container.

CARE & CLEANING

NOTE: If the power cord set of this appliance becomes damaged, discontinue use. Repairs should be undertaken only by a qualified technician.

CAUTION: To avoid of electric shock, you must always switch off and unplug the unit before cleaning.

- Your appliance must be switched OFF via the main power supply and unplugged before proceeding with any cleaning.
- Clean the housing with a damp cloth, a vacuum cleaner or a dusting brush.
- It is recommended that you clean the water tank every 2 weeks and the flume every week.
- Never use flammable or abrasive cleaning agents such as benzene or spirits to clean the appliance.
- Never immerse the appliance in water.
- Store the unit in a clean dry place when not in use.

1. Air Filter Cleaning:
   Clean the air filters every 2 weeks. If the air filter is blocked with dust, the efficiency will reduce.
   a. Pull out up and down filter as below image (Figure 8).
   b. Wash the air filters by immersing it gently into warm (about 40°C) water with a neutral detergent, rinse it and dry it thoroughly in a shaded place.
   c. Install air filters carefully after cleaning the filters.

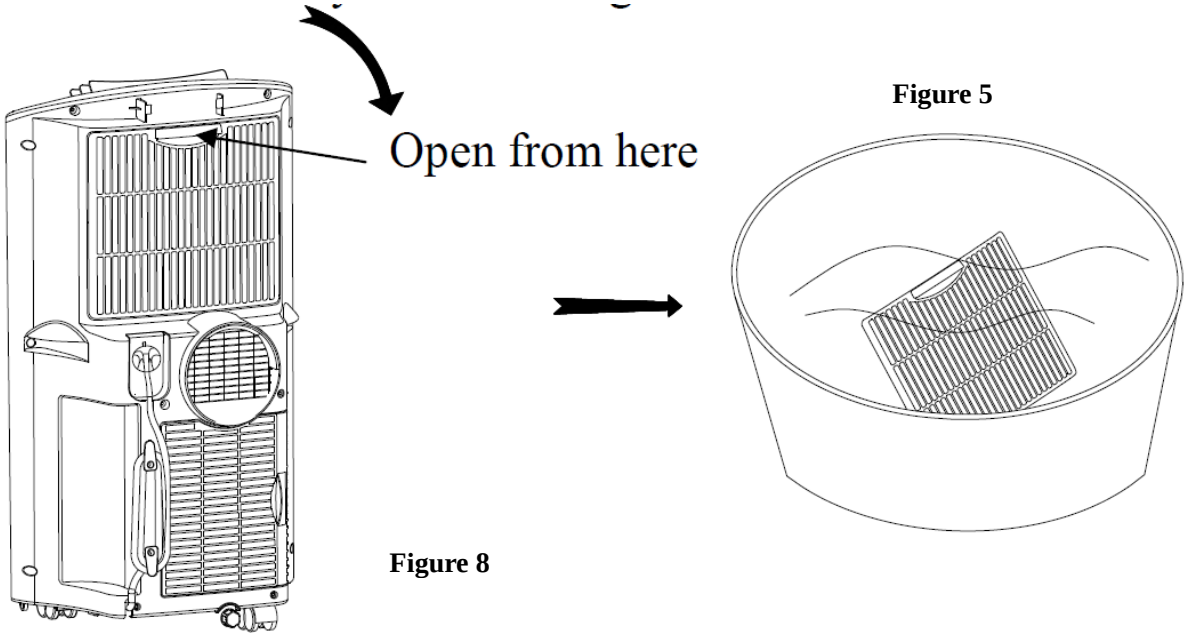


Figure 8

Figure 5

NOTE: Active carbon filter cloth (choose the accessories depending on your needs) can be put out after putting the filter frame and should be changed every 2-e weeks based on the environment.

AFTER SEASON MAINTENANCE:

a. Pull out the plug in drainage hole and empty the water-received plate, or drain out the water by learning the unit, then shift the unit mode to fan mode. Press the button for 5 seconds till it goes to low fan speed. Keep this mode for half day till the conduit is dried. Doing like this can keep the inner unit dried and not go mouldy.
b. Turn off the unit and pull out the plug.
c. Coil the wire and bind it together, then put it into the accessories room.
d. Separate the air-exhausted pipe and safely keep it.
e. Put the unit into a plastic bag, they keep it in a dry place.
f. Take out the batteries of the remote control and safely keep them.
   ** All accessories can be put in the accessories room on the back of the unit.*

TROUBLE SHOOTING

Don’t repair or disassemble the unit by yourself, unstable repair may make the quality-protected card in vain, and even cause damage to the user or his/her possession.

TROUBLE	REASON	SOLUTION
The unit doesn’t work.	No power supply.	Power-on and turn on the unit.
	Water-full indicator illuminate.	Drain out the inner stored water
	Timer function is active.	Cancel Timer function.
	Room temperature too low or too high.	Suggesting ambient temperature between 7°C-40°C.
The unit does not seem to perform.	In direct sunlight.	Draw the curtains
	Windows or doors open, many people or a heat source in the room.	Close windows and turn on another air conditioner.
	Filter is very dirty.	Clean or change the air filter.
	Air inlet or air outlet is blocked.	Clear out the air inlet or air outlets.
	Room temperature is lower than setting temperature.	Change the setting temperature.
The unit noise is high.	The unit is not put on a flat surface.	Put the unit on a flat, even and hard surface (reduce noise).
Compressor doesn’t work.	Heat-exceeded protection is active.	Re-start the unit 4 minutes later till the temperature cools down.
Remote control doesn’t work.	The distance is too far.	Let the remote control near the unit and make sure it aims at the air outlet grille.
	Control panel hasn’t received the signal from remote control.	
	The batteries ran out.	Change the batteries.
E1 on LCD	Coil temperature is abnormal.	Check coil temperature sensor or relevant circuit.
E2 on LCD	Room temperature is abnormal.	Check room temperature sensor or relevant circuit.
E3 on LCD	No refrigerant or there is very few refrigerant.	Check leakage, wielding, vacuum pump, charge refrigerant according to name plate.
E4 on LCD	Anti-freezing protection.	Waiting for defrosting, function will recover automatically.
P2 on LCD	Water is full inside the machine.	Drain out water from the drain port at the bottom rear of the unit.

If none of the solutions resolves your problems, please contact the customer service.

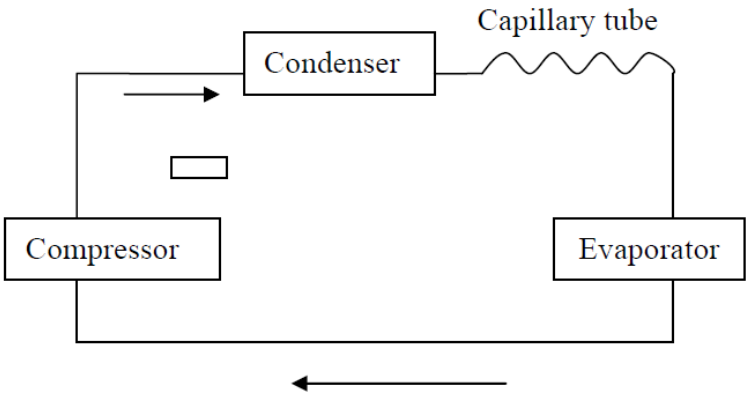
APPENDIX

Fuse Parameter

Voltage: 250V

Current: 3.15A

The working principium diagram of the unit:



There is no further notice for the change of the parameters above, the exact parameters base on the rating plate.

Disposal: Do not dispose this product as waste. Please contact the council for information regarding disposal of this unit.

SPECIFICATIONS

Model	Description	Voltage	Rated Input	Frequency	Cooling Capacity	Air Flow
HYAC15	15,000 BTU Portable Air Conditioner	220-240V~	1650W	50Hz	4.4Kw	475m³/h

CUSTOMER SERVICE

Australian Customer Service
GAF Control (Sales) Pty Ltd
P.O Box 19
Altona North Victoria 3025
Phone: 1300 659 489
Hours: 9am-5pm (EST) Mon-Fri
www.gafcontrol.com.au
*This product may vary slightly to the product illustrated due to ongoing product development.