

Portable Air Conditioner with Heat Pump

THANK YOU

Thank you for choosing this innovative Amcor air conditioner. We suggest that you keep this manual in a safe place for future reference. It describes the many benefits and advanced features this unique product has to offer. Before you use your new air conditioner you should carefully read these instructions to maximise this product's performance.

For over 60 years Amcor has specialised in complete indoor environmental control, manufacturing and marketing; dehumidifiers, portable air conditioners, coolers, air purifiers, ionisers and aroma therapy scent diffusers. These world class products incorporate the latest technological developments.

SAFETY INSTRUCTIONS

IMPORTANT

- Carefully read the instructions before operating the unit
- This appliance is for indoor use only.
- Rating: This unit must be only connected to a 220-240 V / 50 Hz earthed outlet.
- Installation must be in accordance with regulations of the country where the unit is used.
- If you are in any doubt about the suitability of your electrical supply have it checked and, if necessary, modified by a qualified electrician.
- This heat pump air conditioner has been tested and is safe to use. However, as with any electrical appliances - use it with care.
- Disconnect the power plug from socket before dismantling, assembling or cleaning.
- Avoid touching any moving parts of the appliance.
- Never insert fingers, pencils or any other objects through the guard.
- 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
- Do not clean the unit by spraying it or immersing it in water.
- Never connect the unit to an electrical outlet using an extension cord. If an outlet is not available, one should be installed by a qualified electrician.
- Never operate this appliance if the cord or plug is damaged. Ensure the power cord is not stretched or exposed to sharp object/edges.
- A damaged supply cord should be replaced by the manufacturer or a qualified electrician in order to avoid a hazard.
- Any service other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any other purposes than its intended use.
- The air conditioner unit must always be stored and transported upright, otherwise irreparable damage may be caused to the compressor; if in doubt we suggest waiting at least 24 hours before starting the unit.
- Avoid restarting the air conditioning unit unless 5 minutes have passed since being turned off. This prevents damage to the compressor.
- Never use the mains plug 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 unit on a dry and stable surface.
- The appliance should not be installed in laundry or wet rooms.

Energy Saving and Unit Safety Protection Tips

- Do not cover or restrict the airflow from the outlet or inlet grills.
- For maximum performance the minimum distance from a wall or objects should be minimum 50cm.
- Keep the filters clean. Under normal conditions, filters should only need cleaning once every three weeks (approximately). Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the air quality.
- For the initial startup set the fan speed to maximum and the thermostat to 4-5 degrees lower than the current temperature. After, set the fan switch to low and set the thermostat to your desired setting.
- To protect the unit we recommend not using the cooling function when the ambient temperature is higher than 35°C.

SAFETY INSTRUCTIONS

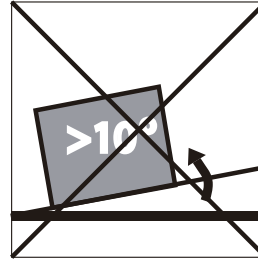
Do not use your air conditioner:



Do not use a damaged cable



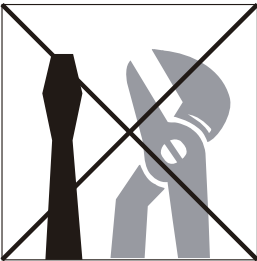
Keep out of reach of children



Use only on flat and stable surface



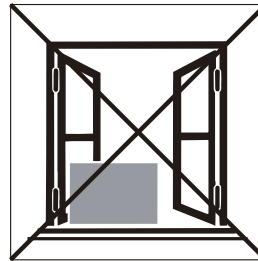
Do not place near a heat source



If faulty do not attempt repairs



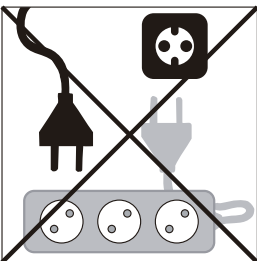
Do not spill water or other liquids



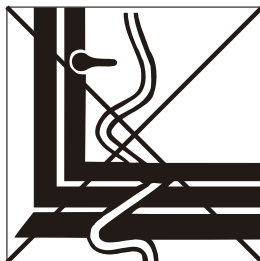
Do not place in front of an open window



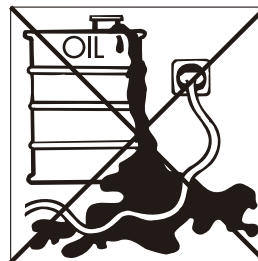
Do not immerse in water



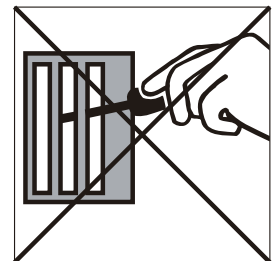
Do not use an extension cord



Never insert any objects through the louvres or vents



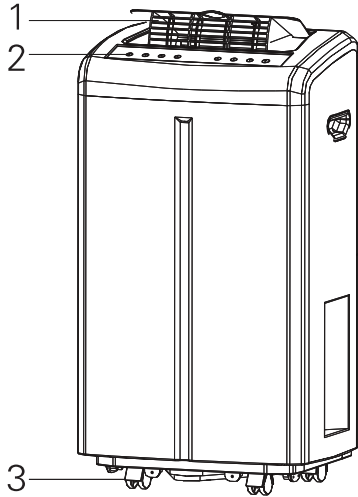
Do not bring in contact with chemicals



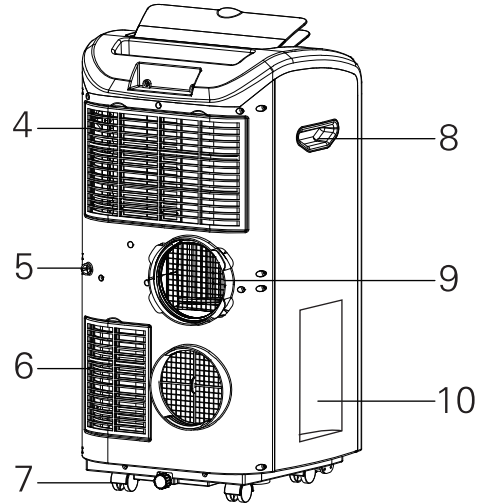
Do not insert anything

PARTS

Front Side

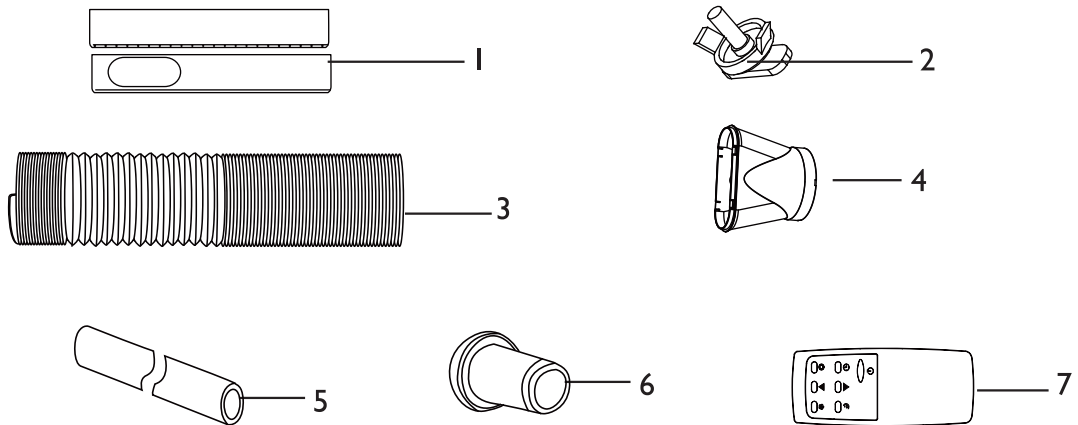


Back Side



- | | | |
|----------------------|------------------------|-----------------------|
| 1. Air outlet | 2. Control panel | 3. Castos |
| 4. Upper filtr frame | 5. Power cord location | 6. Lower filter frame |
| 7. Drain plug cap | 8. Handle | 9. Exhaust connector |
| 10. Hose location | | |

Check if all accessories are in the box and please read the instructions manual before assembling the unit



- | | |
|--|--|
| 1. Extensible Window Kit | 2. Screw, washer, nut(for window kit) |
| 3. Extensible exhaust hose (up to 1.5 meters) | 4. Fishtail hose to window kit adapter |
| 5. Drain pipe (size: 10 mm)(for heat pump models only) | 6. Drain connector (for heat pump models only) |
| 7. Remote control | |

INSTALLATION

Warning: Before using this unit, please keep it upright for at least 3-4 hours.

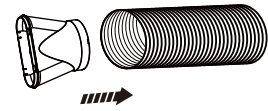
This unit can easily be moved from one room to another.

While moving the unit please note that it must always be kept upright and then placed on an even surface.

1. Extend one head of the hose connect the window kit adapter to the exhaust hose.

(see fig 1)

Note: to screw it into place should take no less than three rotations.



2. In the same way connect the hose to the assembled adaptor (at least three rotations)

(see fig 2)

Note: to screw it into place should take no less than three rotations.

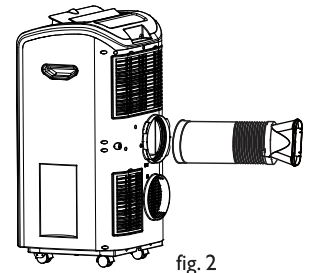


fig. 1

fig. 2

3. Installation of window kits:

Partially open the window and then fix the window kit to the window.

(see fig 3)

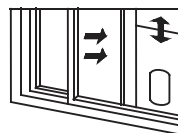
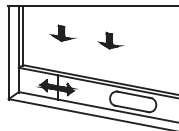


fig. 3

4. Make sure the unit is upright and there are no obstructions to the air inlets and outlet grills(see fig 4)

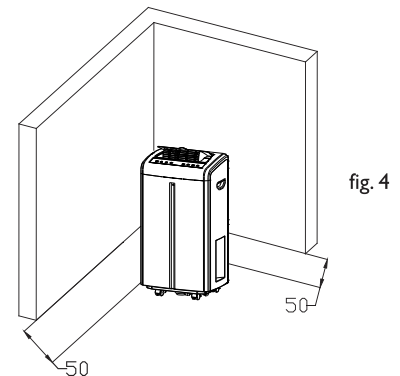


fig. 4

5. Fix the other end of the hose to the air-outlet window kit.

(see fig 5)

Note: The window kit is only designed to be installed with sliding or sash windows or doors. The window kit is not designed or to be used with any other style of windows. However the fish tail adaptor can be used with most windows / doors.

When using the cooling mode ensure that the opening left is as small as possible.

The best form of installation is through a wall duct.

Please note that the unit will need to be vented out in heating mode, ideally through the wall.

By properly venting you expel cold air from your room while efficiently heating it.

Your air conditioner can be used without venting in dehumidifier mode. Please ensure external water tank is used, monitored and regularly emptied before over spilling. Permanent plumbing can be also installed in dehumidifier mode or external water pump for unattended use.

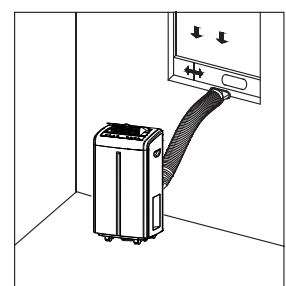
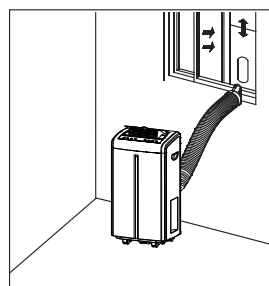


fig. 5

Important safeguards

The length of the soft hose extends from 28 cm to 150 cm. If hose is extended above this length the unit may malfunction and this can invalidate the warranty.

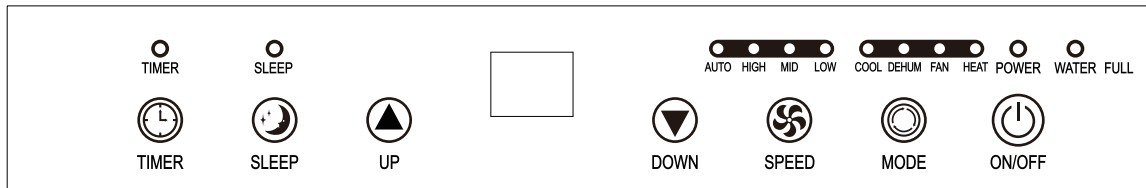
The outlet vent must be well ventilated and not obstructed as this will cause the unit to overheat. Avoid bending the air hose more than 30°C.

FEATURES AND OPERATION

FEATURES

1. Self-evaporative system - no external water tank needed.
2. Designer inspired luxury model.
3. Bright LED screen, indicates temperature and operation mode.
4. On/Off timer function – allows you to choose when the unit operates.
5. Compressor protection technology.

OPERATION



On/Off

Press “POWER” to switch the unit On or Off

Cooling Mode

After machine turns on, default value is cooling mode with 22°C and low fan speed.

Press “MODE” to select cooling mode, cooling mode indicator turns on .

Press “UP” or “DOWN” to adjust temperature (from 16°C to 31°C).

Press “SPEED” to select fan speed (low,medium,high).

Heating mode

Press “MODE” to select heating mode, heating mode indicator turns on.

Press “ UP” or “ DOWN” to adjust temperature (from 16°C to 31°C).

Press “SPEED” to select high or low fan speed. Please note that the heat pump mobile air conditioners will need to be vented out in heating mode, ideally through the wall. By properly venting them you will expel cold air from your room while efficiently heating it.

Fan Mode

Press “MODE” to select fan mode, fan mode indicator turns on .

Press “SPEED” to select fan speed (low,medium,high).

Temperature and sleeping function cannot be setup.

Timer Mode

The timer is a 24hrs start / stop timer.

Under standby mode, press “TIMER” to setup the power-on time, press “TIMER” to adjust the timer (from 1 to 24 hours). Unit will start after the selected number of hours. Timer indicator turns on.

Under power-on mode, press “TIMER” to setup power-off timer.

Press “TIMER” to adjust the timer (from 1 to 24 hours). Timer indicator turns on. Unit will stop after the selected number of hours.

Sleeping Mode

Pressing key “SLEEP” unit will enter into sleeping mode; default value of fan speed is low.

When sleeping mode is on , under cooling mode, after one hour of operation , the setting on temperature will go up 1°C, the second one hour later, setting temperature will go up another 1°C, and then keep constant; Sleeping mode is invalid under dehumidifying, heating and fan mode. Water tank full, machine standby, mode changing will cancel the sleeping mode.

FEATURES AND OPERATION

Dehumidifying Mode

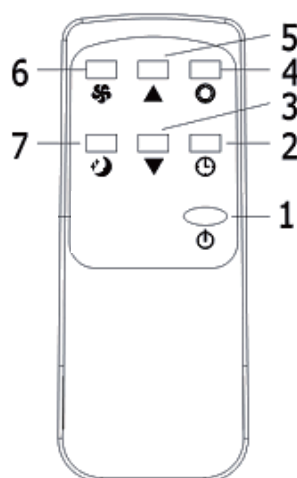
Press "MODE" to select dehumidifying mode. dehumidifying mode indicator turns on.








Under dehumidifying mode, sleeping function cannot be setup, and fan speed is low. If the unit will be used mainly as a dehumidifier, continuous drainage (see separate chapter) is then necessary for the unit to be efficient.

Compressor Protection

There is a three minutes compressor delay on power on / restart.

REMOTE CONTROL



1. Power  : Press this key to turn the unit on/off.
2. TIMER  : Press this key to set time. Once set, selected time will flash 5 times as confirmation. Under power-on or standby mode, press this key to setup on/off time from 1~24.
3. Down  : Press this key to turn down the temperature
4. Mode  : Press this key to choose cooling, heating, dehumidifying or fan mode.
5. Up  : Press this key to turn up the temperature.
6. Fan  : Press this key to set low/medium/high fan speed.
- 7: Sleep  : (Only in cooling function) : Press this key to enable sleep mode.

The air conditioner responds to all signals that are sent by the remote control.

Two AAA-batteries are required to use the remote control.

Note: the air flow direction can not be adjusted with the remote control.

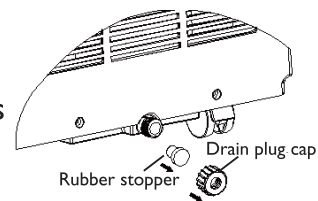
Important:

There is a 3 minutes delay on power on. In order to protect the life of the compressor and electronic components please do not switch on the unit for at least 5 minutes after you turned the unit off.

WATER-DRAINAGE

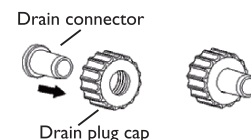
1. Manual drainage

- 1.1 When the internal water tank is full the unit will stop working.
- 1.2 Shut off the unit and unplug. Try not to move the model abruptly as this cause water to spilt out from internal water tank.
- 1.3 Place a tray under the water plug.
- 1.4 Screw off the Drain plug cap and unplug the rubber stopper - water will drain from the container.
- 1.5 Put the water blocker back and screw the water plug back into place.



2. Continuous drainage:

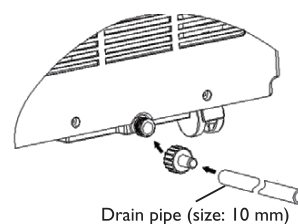
- 2.1 Screw off the Drain plug cap and unplug trubber stopper.
- 2.2 Use a water pipe to connect to the water outlet to remove the water out continuously.



Note: This model has a self-evaporative function, which reduces the need to empty the water tank.

If the unit is vented correctly most of the water is reused to cool the condenser coils and any excess is evaporated.

Please do not use continuous drainage if you intend to use the self-evaporating facility.



MAINTENANCE

Cleaning

Please shut off the unit and unplug from the mains before cleaning or performing any maintenance.

Clean the surface

Clean the plastic housing with a duster or a soft wet cloth.

Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage.

Air filter cleaning

- a) Clean the air filters every 2 weeks. If the air filter is blocked with dust, the unit's performance will be significantly affected.
- b) Pull out the top and bottom filters as pictured below
- c) Wash the air filters by immersing them in warm (about 40°C) water with a neutral detergent.
- d) Rinse it and then dry it thoroughly.
- e) Carefully re-install air filters.

End of Season Maintenance

1. Pull out the plug from the drainage hole and empty the internal tank. You can also drain the water by leaning the unit.
2. Then switch the unit to Fan mode, and hold the button down for 5 seconds until it reaches a low fan speed.
3. Keep the unit in this mode for half day - until the conduit is dried. Doing this helps to keep the inside of the unit dry and prevents mold developing
4. Turn off the unit and pull out the plug.
5. Coil the wire and bind it together, then put it into the accessories space.
6. Separate the air-exhausted pipe and store it safely.
7. Cover the unit and keep it in a dry place.
8. Take the batteries out of remote control and store, or dispose, them safely.

TROUBLE SHOOTING

Do not repair or disassemble the unit by yourself, unauthorized repair attempts will invalidate the warranty and may cause bodily harm.

Trouble	Reason	Solution
The unit does not work	No power supply.	Power-on and turn on the unit.
	Water-full indicator illuminated.	Drain the internal water tank.
	Timer function is active.	Cancel Timer function.
	Room temperature too low or too high.	Use only in ambient temperatures between 7-40°C.
The unit does not seem to perform.	In direct sunlight.	Draw the curtains, UV affects RC.
	Windows or doors open. Large amount of 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 debris.
	Room temperature is lower than setting temperature.	Change the setting temperature.
The unit loud	The unit is not on a flat surface.	Put the unit on flat and hard surface.
Compressor does not work	Overheating protection is active.	check venting. Restart the unit after 5 minutes when compressor has cooled.
Remote control doesn't work	Operating distance is too far.	Move remote control closer to the unit and make sure it aims at the air-outlet grille.
	Control panel has not received the signal from remote control.	
	The batteries are flat.	Replace the batteries
E1 on LED	Room temperature sensor is abnormal.	Temperature not within 5-40°C operating range. If temperature within operating range refer to Service Centre. (check room temperature sensor or relevant circuit)
E2 on LED	Coil temperature sensor is abnormal.	Refer to Service Centre. (check coil temperature sensor or relevant circuit)
OTHERS	Water tank is full inside the machine	Drain out water from drain port at bottom rear of the unit.
	Anti-freezing protection.	Waiting for defrosting. Function will recover automatically. No user input needed.
	No refrigerant or there is very little refrigerant.	Refer to Service Centre. (check leakage, welding, vacuum pump, charge refrigerant according to name plate).
	High pressure protection.	After inside gas pressure comes down, it will function normally. No user input needed.

If the above solutions do not resolve the problem please contact the service centre.

APPENDIX



Disposal: Do not dispose this product as unsorted municipal waste. Collection of such waste must be handled separately as special treatment is necessary.

Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.

TECHNICAL DATA

Model		PLMVI6000EH	
Cooling Capacity	KW/BTU	4.69/16000	
Heating Capacity	KW/BTU	4.25/14500	
Cooling Rated Input	W	1720	
Heating Rated Input	W	1700	
Mains		220-240V / 50 Hz	
Current Cooling / Heating	A	7.7/7.55	
Refrigerant		R410A	
Moisture Removal	L/Day	50	
EER Rating		A	
Permitted Excessive Operating Pressure Suction / Discharge	MPa	0.8/3.2	
Maximum Allowable Pressure	MPa	5.0	
Compressor		Rotary	
Fan Speed		3	
Noise	dB(A)	Sound Pressure	≤54
		Sound Power	≤65
Thermostat	°C	16-31	
Timer	h	1-24	
Fuse Paramete		Type: FSD / 50F Voltage: 250V	
Net Weight	kg	33.5	
Dimension(L*D*H)	mm	460 x 420 x 846	
Unit must be vented outside when in Air Cooling mode. For the purposes of EU regulation EN12102 this is a local air conditioner and produces less than 65dB(A) sound energy.			

AMCOR UK SUPPORT

Please, for your own convenience, make these simple checks before calling the service line.

1. Has the unit been standing upright? (for at least 2 hrs)
2. Is the unit plugged into the mains? Is the fuse OK?
3. Switch the unit on and wait three minutes to see if the issue is resolved.
4. Check whether the water tank is full.

If the unit still fails to operate call: 0871 620 1057 or fill the online form

Office hours: 9AM - 5PM Monday to Friday

www.amcoruk.com

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