



Russell Hobbs®

INSTRUCTIONS & WARRANTY



**MODEL: RHMA 055
MOBILE AIR CONDITIONER**

Thank you for choosing this innovative Russell Hobbs 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 maximize this product's performance.

ELECTRIC CONNECTION

For your safety please read the following information.

Warning: This appliance must be earthed.

If the moulded mains plug is unsuitable for the socket outlet in your home or is removed for any other reason, then the cut off plug must be disposed of safely to prevent the hazard of electric shock.

Mains (AC) Operation

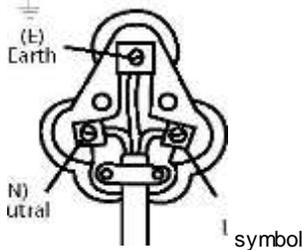
This appliance is designed to operate on 220-240V current only. Connecting to other power sources may damage the unit.

The wires in the mains lead on this appliance are coloured in accordance with the following code:

Green and Yellow = Earth
Blue = Neutral
Brown = Live

As the colours may not correspond with the markings identifying the terminals in your plug proceed as follows.

The green and yellow wire must be connected to the terminal in the plug which is marked with the letter E or with the earth (N



or coloured green and yellow . Neutral (L)

Live

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

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

IMPORTANT SAFEGUARDS

When using any electrical appliance, basic safety precautions should always be followed including the following:

1. Please read the instructions carefully before using any appliance.
2. Always ensure that the voltage on the rating label corresponds to the mains voltage in your home.
3. Incorrect operation and improper use can damage the panel heater and cause injury to the user.
4. The panel heater is intended for household (wall mounted) use only. Commercial use invalids the warranty and the supplier can not be held responsible for injury or damage caused when using the appliance for any other purpose than that intended.
5. The wall panel heaters should under no circumstances be used as free standing heaters.
6. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9m) from the front of the heater and keep away from the sides and rear.
7. This panel heater is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
8. An infant or a baby should not be left unattended as prolonged contact with the surface may result in an injury.
9. Check the power cord and plug regularly for any damage. If the cord or the plug is damaged, the manufacturer or a qualified person must replace it in order to avoid an electrical hazard.
10. The heater must not be mounted directly below an electrical wall plug.
11. When first switching on the heater, there may be a slight odour during the first day or two. This is quite normal and is caused by the residual adhesive moisture and does not present any health hazard.
12. Do not use the panel heater if it has been dropped or damaged in any way. In case of damage, take the unit in for examination and/or repair by an authorised service agent
13. To reduce the risk of electric shock, do not immerse or expose assembly, plug or the power cord to water or any other liquid.
14. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate the heater where it may fall into a bathtub or other water container.
15. Never immerse the unit in water or any other liquid for cleaning purposes.
16. Remove the plug from the socket by gripping the plug. Do not pull on the cord to disconnect the panel heater from the mains. Always unplug the unit when not in use, before cleaning or when adding or removing parts.
17. The use of accessory attachments that are not recommended or supplied by the manufacturer may result in injuries, fire or electric shock.
18. A short cord is provided to reduce the hazards resulting from becoming entangled in or tripping over a longer cord.
19. Ensure that the cord is not in a position where it can be pulled on inadvertently.
20. Do not allow the cord to touch hot surfaces and do not place on or near a hot gas or electric burner or in a heated oven.
21. To prevent a possible fire, do not block the space between the heater and the wall that is for air intake or exhaust in any manner.
22. Use of an extension cord with the panel heater is not recommended.
23. This panel heater is not suitable for outdoor use. Do not use this appliance for anything other than its intended use.
24. DO NOT carry the appliance by the power cord.
25. DO NOT COVER the heater under any circumstances.
26. Do not leave the appliance unattended during use. Always unplug the unit when not in use or before cleaning.
27. Always operate the appliance on a smooth, even, stable surface. Do not place the unit on a hot surface.
28. Ensure that the switch is in the "Off" position after each use.
29. The manufacturer does not accept responsibility for any damage or injury caused by improper or incorrect use, or for repairs carried out by unauthorised personnel.
30. In case of technical problems, switch off the unit and do not attempt to repair it yourself. Return the appliance to an authorised service facility for examination, adjustment or repair. Always insist on the use of original spare parts. Failure to comply with the above mentioned precautions and instructions, could affect the safe operation of this machine.



IMPORTANT

- The unit is designed for indoor operation.
- Rating: This unit must be connected to a 220-240 V / 50 Hz earthed outlet.

If you are in any doubt about the electrical installation, have it checked and if necessary modified by a qualified electrician.

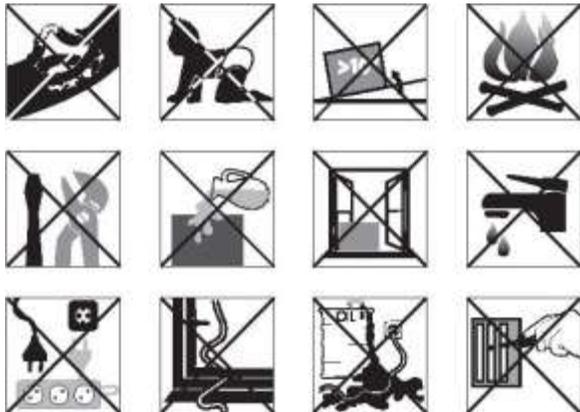
- The air conditioner is safe. However, as with other electrical appliances, use it with care.
- Keep out of the reach of children.
- Do not clean the air conditioner by spraying it or immersing it in water.
- Do not insert any object into the opening of the air conditioner.
- Disconnect it from the mains before cleaning the unit or any of its components.
- Never connect the unit to an electrical outlet using an extension cord. If an outlet is not available, one should be installed by a licensed electrician.
- Any service other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to do so could result in a loss of warranty
- A damaged supply cord should be replaced by the manufacturer, its service agent or a qualified person in order to avoid a hazard.

MAX15000 Btu/hr can be achieved at conditions closer to that you will enjoy in a cooled space where the air temperature is in the low 20's, 12,000 Btu/Hr is achieved at EN14511 standard conditions 35°C Dry Bulb, WB=24°C.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety"
Children should be supervised to ensure that they do not play with the appliance

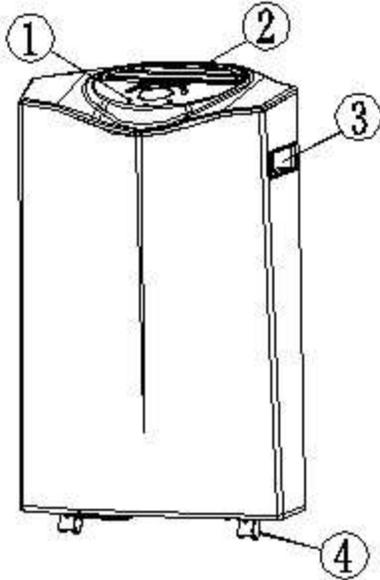
WARNING

- Never operate this appliance if it has a damaged cord or plug. Do not lead the cord over sharp edges.
- Don't lift or move by pushing the air conditioner at the rear, but always at the front side.



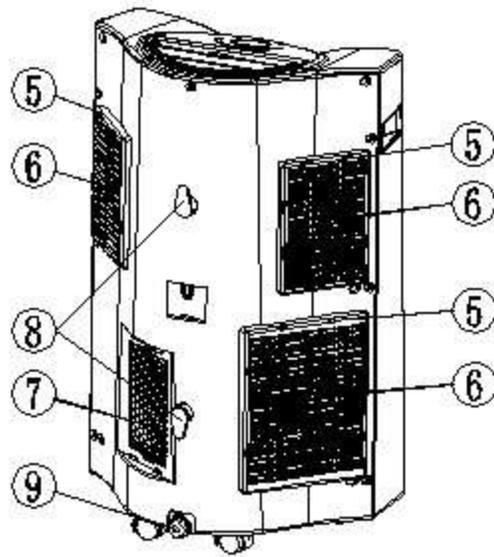
PARTS

Front



1. Control Panel
2. Air outlet
3. Carrying handle
4. Caster Wheels

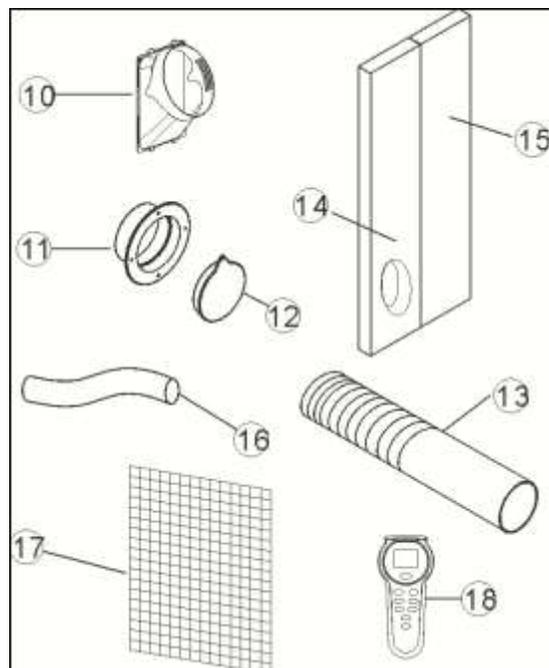
Back



5. Air filter
6. Air inlet
7. Exhaust air outlet
8. Cord storage
9. Water stopper / drainage point

Accessories

10. Inward adaptor - for insertion over hose and connection with piece 1.
11. Outward adaptor - for insertion over hose and into foam strip (or into hole in the wall/window).
12. Round cap for filling the hole in wall/window.
13. Exhaust hose.
14. Foam strip - for filling the open window space and with hole for connection to exhaust hose.
15. Foam strip - for filling the open window space
16. Drain tube for continuous drainage
17. Active carbon filter
18. Remote control (optional)



INSTALLATION

Installation of the exhaust pipe

The unit is a portable air conditioner that may be moved from room to room.

1. Using the foam strips

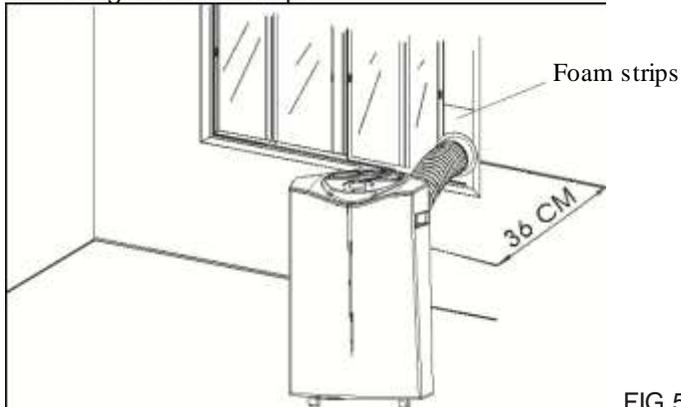


FIG.5

- Offer foam strips to the window gap and cut to size if necessary.
- Feed exhaust hose through the foam strip and insert strip into window gaps as shown and slide window across so that foam is held securely. This technique may also be used for sash windows. Note: Take care to maintain protection against intruders

2. Using the adaptor



FIG.6

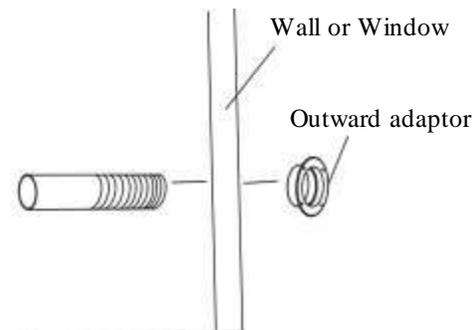


FIG.7

- Cut a 151mm diameter hole in the wall or window.
- Feed exhaust hose through the window or wall and attach the threaded adaptor from the outside as shown.
- When not in use, plug the hole with the cover provided.

Mounting of the exhaust pipe

- Use only the hose provided and clip exhaust hose and unit adaptor to the back of the air conditioner
- Avoid kinks and bends in the exhaust hose as this will cause expelled moist air to build up causing the unit to overheat and shut down. Fig 8 & 9 show correct position
- The hose may be extended from 300mm to 1500mm but for maximum efficiency use the shortest length possible.

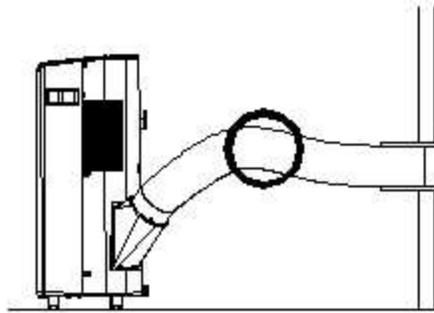


FIG.8

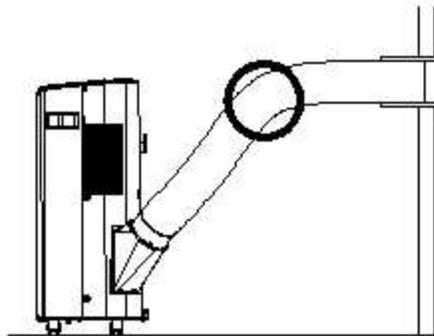


FIG.9

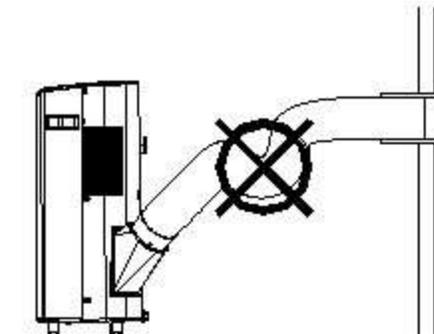


FIG.10

WARNING!

The length of the exhaust pipe is specially designed according to the specification of this product. Do not replace or prolong it with your own private hose as this could cause the unit to mal-function.

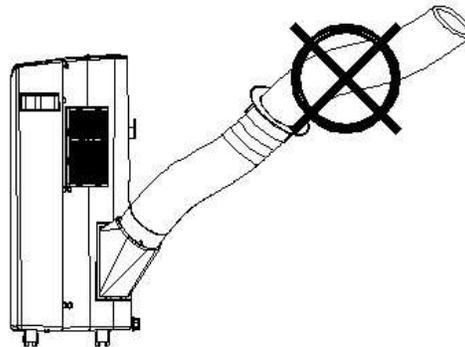


FIG.11

Installation of the carbon filter

1. Remove the filter frame from the unit.
2. Separate the filter fixer from the filter frame.
3. Remove the active carbon filter from its plastic bag.
4. Insert the active carbon filter into the filter frame.
5. Fix the filter by reassembling the fixer onto the filter frame.
6. Re-fit the filter frame inside the unit.

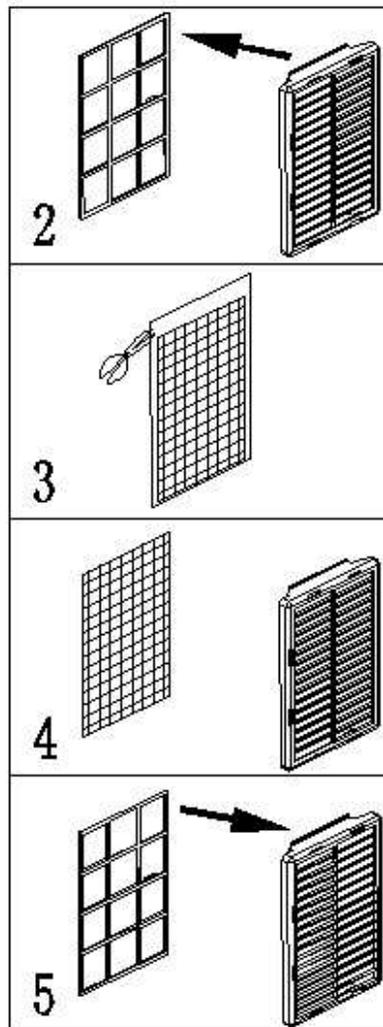
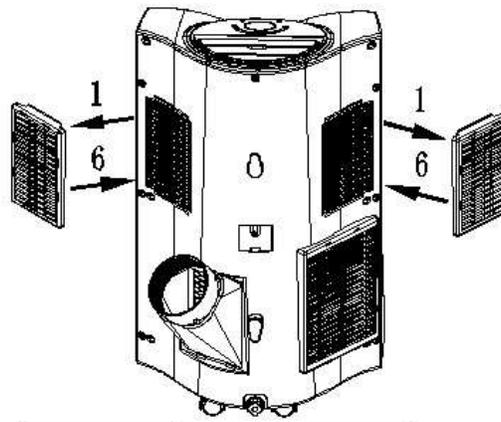


FIG.12

OPERATION for LCD electronic MODEL

Control panel

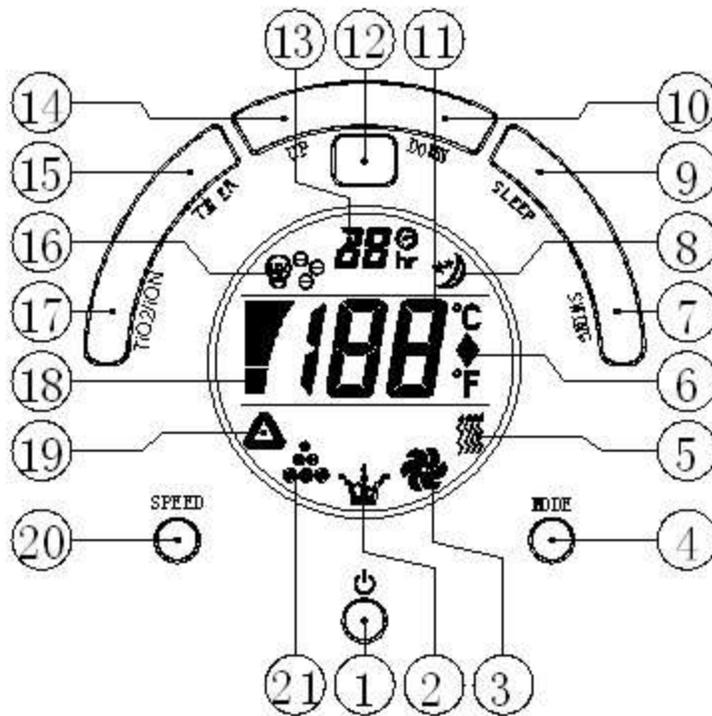


FIG.13

- | | |
|--|--|
| 1. ON/OFF (power) button | 12. Receiver for remote control |
| 2. Sign for dehumidification/water full | 13. Timer display |
| 3. Sign for fan (ventilation) | 14. "Temperature up" button |
| 4. Mode button | 15. Timer button |
| 5. Sign for heat function | 16. Sign for TiO2/ionizer (only for the unit with TiO2/ionizer) |
| 6. Sign for Centigrade or Fahrenheit (please refer to the real unit you purchased) | 17. TiO2/ionizer button (only for the unit with TiO2/ionizer function) |
| 7. Swing button | 18. Fan speed display |
| 8. Sign for sleep function | 19. Sign for automatic function |
| 9. Sleep function button | 20. Fan speed button |
| 10. "Temperature down" button | 21. Sign for cooling function |
| 11. Room temperature display | |

Turning ON/OFF

1. Press ON/OFF button,  the unit will start automatically. If the ambient temperature is
 - Higher than 23°C, the unit will work in cooling mode.
 - Higher than 20°C but below or equal to 23°C, the unit will work in ventilation model.
 - Below 20°C, the unit will work in heating function (This is for cooling & heating models only.)
2. Indicators of the functions in progress come on at the same time. *NOTE! The display window shows the ambient room temperature from 0°C to 50°C
3. To turn the unit off, press ON/OFF button again.

Setting mode/function

Press MODE button to select required working mode: automatic, cooling, fan, dehumidification or heating, (Heating is only available for heating & cooling models.)

Sign of your selected mode comes on.

Setting temperature

1. Press 'Temperature up'  or 'Temperature down'  button to regulate the temperature you desired.
2. The display window will show the temperature you set as you press 'Temperature up' or 'Temperature down' button. Otherwise, it will always show the ambient temperature.
3. The pre-setting temperature of this machine is: 24°C for cooling, 20°C for heating.

Setting ventilation speed

1. Press SPEED button to choose the ventilation speed you need, high, medium or low. The sign of high, low or medium ventilation will light on at the same time.
2. If the unit is in AUTO mode, it will choose the ventilation speed automatically according to the ambient temperature.

Setting timer

1. Press TIMER button to set the operating hours you desired (1 to 24 hours, the sign of timer will light on). When the set time has been reached, the machine will turn off automatically. The LCD will show the hour(s) you set as you press TIMER button. If the timer button is not pressed, the unit will work continuously.
2. By pressing the timer but without turning on the other functions, you can PRE-SET the time for the machine to work. For example, if you press the timer to '2', the unit will work automatically after 2 hours.

Sleep function

1. In cooling mode, by pressing the SLEEP button, the set temperature will increase 1°C at the 1st hour, another 1°C at the second hour, then keeps at that temperature.
2. In heat mode, by pressing the SLEEP button, the set temperature will descend 1°C at the 1st hour, another 1°C at the second hour, then keeps at that temperature.
3. In sleep mode, the ventilation will keep at low speed. Re-press the SLEEP button, the setting temperature and ventilation speed will return to the pre-selected one.
4. The unit will shut down automatically after the SLEEP function running for 12 hours.
5. **Please note, the sleep function is not available while the machine is working in ventilation, dehumidification or auto mode. Only available in Cooling or Heating mode.**
6. **When the machine is in Sleep function, the Fan Speed would turn to be LOW speed.**

Swing function

By pressing SWING button, the air vent will rise in 3 different angles: 45°、60°、75°

Every time when you turn on the machine, the air vent will rise to position 75° first, then return to position 45° automatically. For re-setting the angle, the air vent will rise to 75° first, too. The interval of each move is 4 sec.. As you turn off the air vent, the air vent will close.



FIG.14

Dehumidification function

In dehumidification mode, the temperature cannot be adjusted, the ventilation will fix at low speed.

Heating function

When using Heat Pump, it can reverse the compressor discharging the hot air indoor instead. **The Exhaust Pipe must still be fitted to allow the cold air to be removed in this mode & used in the usual way.** Under this system, the machine can run at HIGH/MED./LOW speed.

Self-diagnosis

This machine is equipped with self-diagnosis function. If something is wrong in the machine, the LCD will show the word "E1" or "E2". As this time, please call your service centre.

All the above functions can also be performed with the supplied remote control.

This remote control requires 2 pcs AAA batteries to operate



FIG.15

NOTICE !

1. To prolong the compressor's life, after switching-off of the unit, please wait for 3 minutes (at least) before re-switching it back on again.
2. The cooling system will switch off if the ambient temperature is lower than the set one. The ventilation, however, keeps working on the set level. If the ambient temperature rises above the selected level, the cooling will return to work.

DRAINAGE

During the process of cooling, some water will be extracted from the air into the unit. If the reservoir is full, both of the compressor and motor will stop. The “water full” sign will light up, also the machine will beep as a reminder.

To make the cooling function work again, please empty the water tank by one of the following ways:

1. Turn off the air conditioner and avoid moving it when full.
2. Position a container (a water tray for example) underneath the drain hole.
3. Remove the drain knob & rubber plug from the drain hole and allow the water to drain out.
4. When the container is almost full, replace the rubber plug in the drain hole and empty the water tray.
5. Repeat until the unit is emptied.
6. Replace the rubber plug and tighten the drain knob firmly.
7. Switch on the unit - the full water or compressor operating indicator should not be flashing.

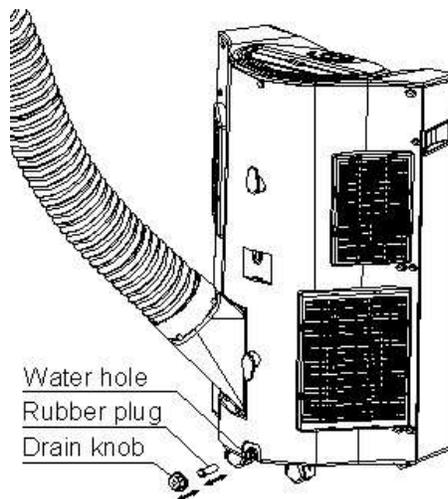


FIG.16

If you wish to operate the unit without the need to empty the water tank, please:

- Remove the drain knob and rubber plug and retain for future use.
- Connect the drain tube supplied to the water outlet as shown and locate the other end into a drain.

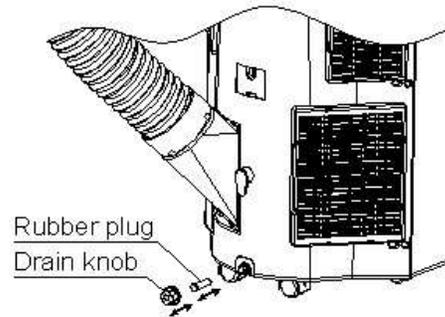


FIG.17

- The drain tube may be extended by adding an extension tube and using a suitable connector.

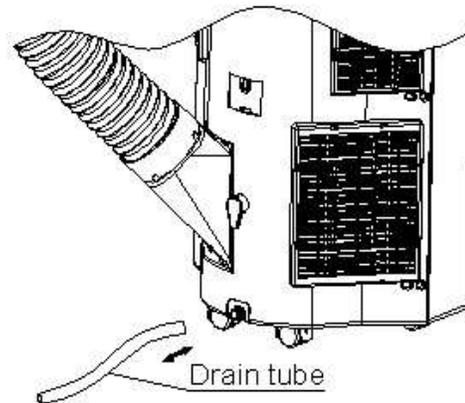


FIG.18

Please note

1. The drain must be at or below the outlet level.
2. Flashing comp / 'full water' indicator will not function in this mode of drainage.
3. If you want to extend the water tube, you can connect it with another tube (OD: 18mm)

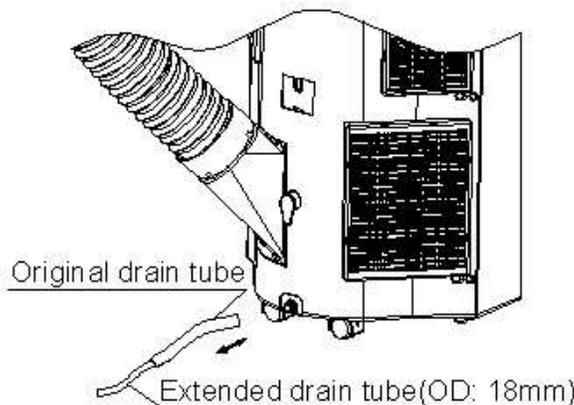


FIG.19

MAINTENANCE

**Always unplug the air conditioner from the mains before cleaning.
To maximize the efficiency of the air conditioner clean regularly.**

Cleaning the housing

Use a soft, damp cloth to wipe the body clean.

Never use aggressive chemicals, gasoline, detergents, chemically treated cloths, or other cleansing solutions. These all could possibly hurt the cabinet.

Cleaning the filter

Use a vacuum cleaner or tap the filter lightly to remove loose dust and dirt from the filters and then rinse thoroughly under running water (no hotter than 40°C).

Dry thoroughly before replacing.

Notice! Never operate the unit without the filters.

STORAGE

- Drain any water in the unit before completely operating the unit on ventilation only mode for a few hours, to thoroughly dry the inside.
- Clean or change the filter
- Unplug and store the power cord as shown
- Replace in the original carton or cover for storage.

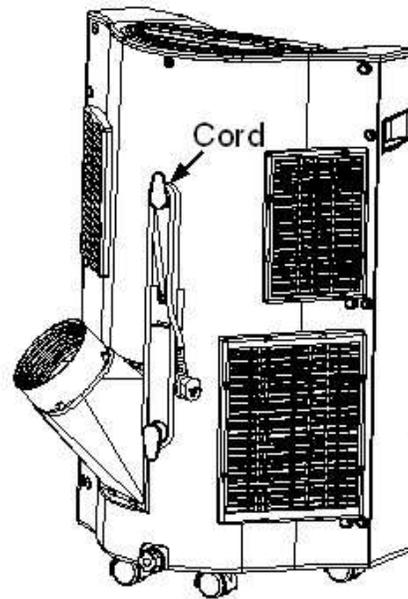


FIG.20

FAULT CHECK LIST

- If The air conditioner does not run**
- Is the air conditioner plugged in?
 - Is there a power failure?
 - Is the comp / 'full water' indicator flashing?
 - Is the room temperature below the set temperature?
- If The machine seems to do little cooling**
- Is there direct sunshine ? (Please put down the curtain.)
 - Are too many windows or doors open?
 - Are there too many people in the room?
 - Is there something in the room producing lots of heat?
- If The machine seems to do nothing.**
- Is the filter dusty, contaminated?
 - Is the air intake or output blocked up?
 - Is the room temperature below your selected temperature?
- Is Too noisy**
- Is the machine positioned unevenly so as to create vibration ?
 - Is the floor underneath the machine uneven?
- If The compressor doesn't run.**
- Is so, it is possible the overheat protection of the compressor is on. Just wait for the temperature to drop.

☆ Never try to repair or dismantle the unit yourself

Model no.		RHMA055
Cooling capacity		12000 BTU/hr 3516 watts
Heating Capacity		1800W
Power/Ampere consumption		1500W/ 6.7A
Air volume (max. speed)		480m ³ /h
Humidity removal capacity		1.4 L/hr
Power supply	220-240V~, 50Hz	
Compressor	rotary	
Refrigerant	R410A (Please refer to the rating label.)	
Fan speed	3	
Timer	1~24 hours	
Working temperature	Cooling: 18 ~ 32°C Heating: 7 ~ 27°C	
Exhaust pipe	Ø 142 x 1500mm	
Net Weight		33 kgs
Dimension	450 x 365 x 825 mm (WxDxH)	

Reminder:



Waste electrical products must not be disposed of with household waste.
This product should be taken to your local recycling centre for safe treatment.

SERVICING THE APPLIANCE

There are no user serviceable parts in this appliance. If the unit is not operating correctly, please check the following:

- You have followed the instructions correctly
- That the unit has been wired correctly and that the wall socket is switched on.
- That the mains power supply is ON.
- That the plug is firmly in the mains socket.

If the appliance still does not work after checking the above:

- Consult the retailer for possible repair or replacement. If the retailer fails to resolve the problem and you need to return the appliance, make sure that:

- The unit is packed carefully back into its original packaging.
- Proof of purchase is attached.
- A reason is provided for why it is being returned.

If the supply cord is damaged, it must be replaced by the manufacturer or an authorised service agent, in order to avoid any hazard. If service becomes necessary within the warranty period, the appliance should be returned to an approved Home of Living Brands (Pty) Limited service centre. Servicing outside the warranty period is still available, but will, however, be chargeable.

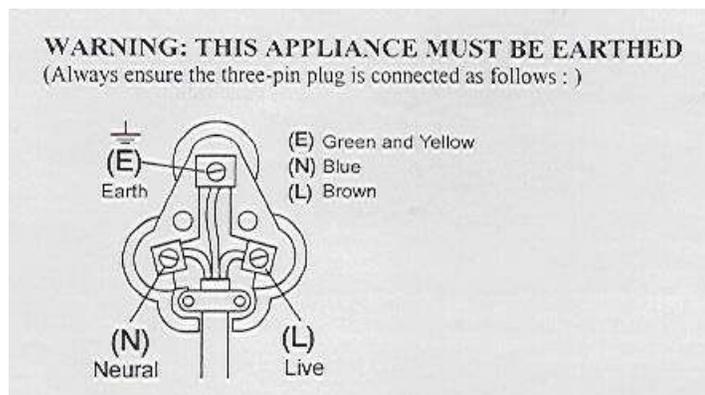
CHANGING THE PLUG

Should the need arise to change the fitted plug, follow the instructions below.

This unit is designed to operate on the stated current only. Connecting to other power sources may damage the appliance. Connect a three-pin plug as follows:

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

Green/Yellow = Earth
Blue = Neutral
Brown = Live



**PLEASE AFFIX YOUR PROOF OF PURCHASE/RECEIPT HERE
IN THE EVENT OF A CLAIM UNDER WARRANTY THIS RECEIPT MUST BE PRODUCED.**

WARRANTY

1. Home of Living Brands (Pty) Limited ("Home of Living Brands") warrants to the original purchaser of this product ("the customer") that this product will be free of defects in quality and workmanship which under normal personal, family or household use and purpose may manifest within a period of 1 (one) year from the date of purchase ("warranty period").
2. Where the customer has purchased a product and it breaks, is defective or does not work properly for the intended purpose, the customer must notify the supplier from whom the customer bought the product ("the supplier") thereof within the warranty period. Any claim in terms of this warranty must be supported by a proof of purchase. If proof of purchase is not available, then repair, and/or service charges may be payable by the customer to the supplier.
3. The faulty product must be taken to the supplier's service centre to exercise the warranty.
4. The supplier will refund, repair or exchange the product in terms of this warranty subject to legislative requirements. This warranty shall be valid only where the customer has not broken the product himself, or used the product for something that it is not supposed to be used for. The warranty does not include and will not be construed to cover products damaged as a result of disaster, misuse, tamper, abuse or any unauthorised modification or repair of the product.
5. This warranty will extend only to the product provided at the date of the purchase and not to any expendables attached or installed by the customer.
6. If the customer requests that the supplier repairs the product and the product breaks or fails to work properly within 3 (three) months of the repair and not as a result of misuse, tampering or modification by or on behalf of the customer, then the supplier may replace the product or pay a refund to the customer.
7. The customer may be responsible for certain costs where products returned are not in the original packaging, or if the packaging is damaged. This will be deducted from any refund paid to the customer.

HOME OF LIVING BRANDS (PTY) LTD (JOHANNESBURG)

JOHANNESBURG

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CAPE TOWN

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DURBAN

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