



Russell Hobbs®

INSTRUCTIONS & WARRANTY



**MODEL: RHMA 050
MOBILE AIR CONDITIONER**

THANK YOU

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 maximise 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 dispose 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

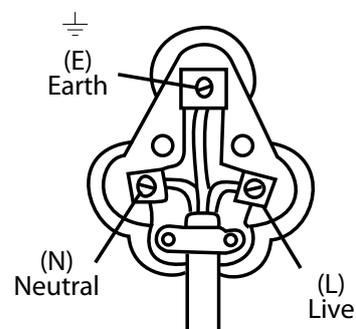
Brown = Live

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 symbol or coloured green and yellow.

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.



SAFETY INSTRUCTIONS

IMPORTANT!

- The unit is designed for indoor operation.
- Rating: This unit must be connected to a 220-240 V / 50 Hz earthed outlet.
- The installation must be in accordance with regulations of the country where the unit is used.

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 openings 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.
- Don't lift or move by pushing the air conditioner at the rear, but always at the front side.

WARNING

- Never operate this appliance if it has a damaged cord or plug. Do not lead the cord over sharp edges.
- A damaged supply cord should be replaced by the manufacturer, its service agent or a qualified person 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 do so could result in a loss of warranty.

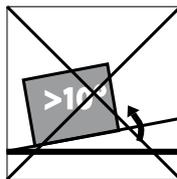
Do not use your air conditioner under the following conditions:



If the power cable wires are frayed or cut



When small children may be left unattended



On a slope or uneven surface



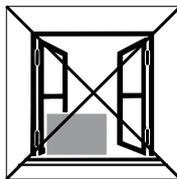
Close to a naked flame



This products is not made for DIY repair



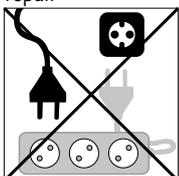
If there is a risk of liquid falling on the unit



Inside unit exposed to the weather outdoors



Near water



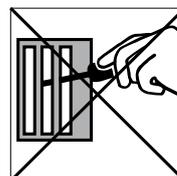
If an extension lead may become overloaded



Where the power cable may be damaged

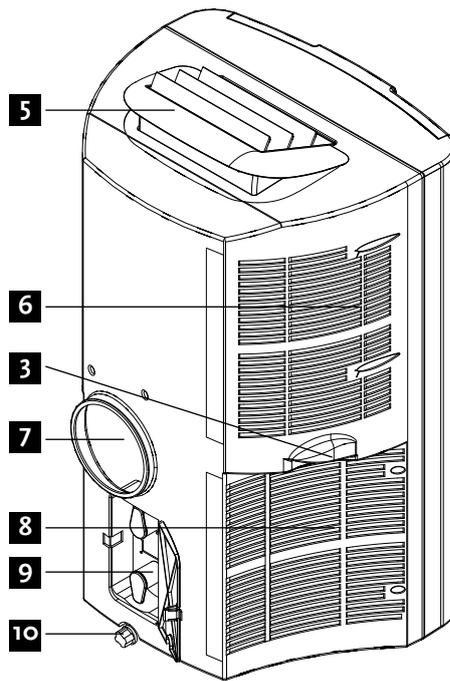
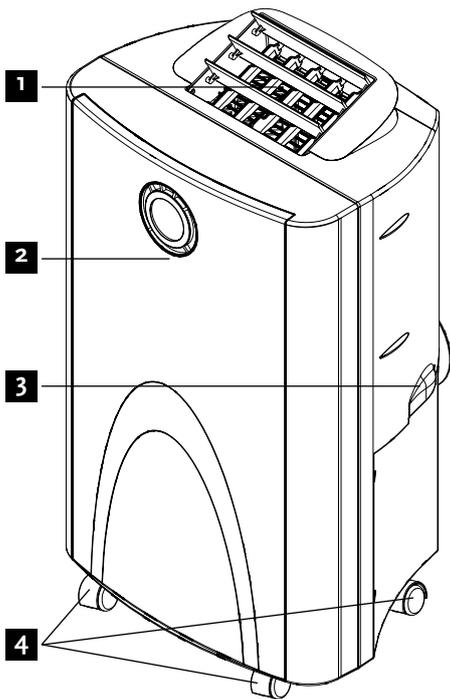


Where it may be damaged by chemicals

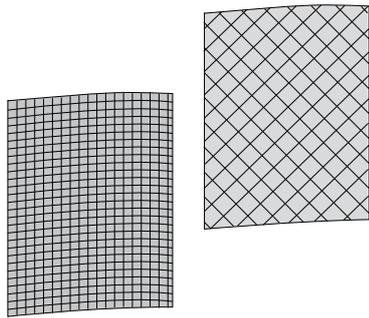


Where there is a risk of interference by foreign objects

PARTS



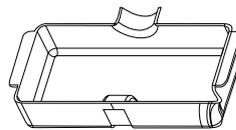
1. Air outlet
2. Control panel
3. Carrying handle
4. Caster wheels
5. Grill housing
6. Upper air inlet
7. Exhaust air outlet
8. Lower air inlet
9. Cable storage
10. Drainage point with water stopper



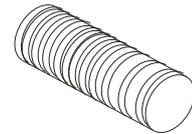
Air filters



Remote control with LCD



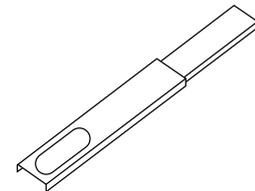
Water container



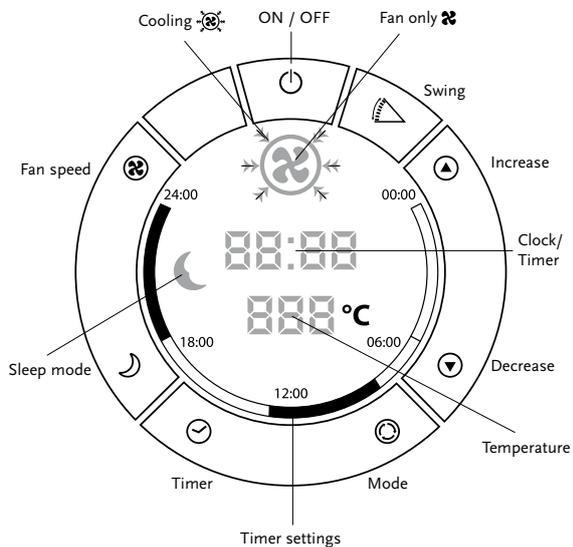
Exhaust hose



Slide bar connector



Telescopic slide bar



INSTALLATION

WARNING!

Before using the air conditioner it should be left in an upright position for at least 2 hours. This unit can easily be moved from one room to another.

In doing so keep this in mind:

- Ensure that the unit is positioned upright, on a level surface and 50 cm away from any obstacles.
- To place the loose filters in the filter holder.
 - Take the filter holder out of the air conditioner.
 - Open the filter holder and place the active carbon filter (black) and 3M™ High Air Flow filter (white) in the filter holder.
 - Place the filter fixing component back in the holder.
 - Place the filter holder back in the air conditioner.
- Do not operate the unit inside the bathroom, shower, or in any other very humid environment.
- Connect the hose to the unit by turning it clockwise (at least 5 turns).
- Similarly, connect the hose to the slide bar connector as far as possible.
- Place the telescopic slide bar in the open window or door and adjust the length to fill as much open space as possible.
- Put the slide bar connector in the opening in the telescopic slide bar.
- Close the window or door as much as possible to prevent outside air entering the room.
- Ensure that the slide bar connector has a free flow outside.

IMPORTANT!

The flexible exhaust hose can be extended from 600 to 2000 mm for mounting. This length has been designed especially according to the specifications of the air conditioner. **Do not use an extension or exchange for a different hose as that may lead to malfunctioning.** The exhaust air must flow freely, any blockage can lead to overheating of the air conditioner. Take care to prevent any sharp bow or bend in the exhaust.

OPERATION

ON/OFF

Press  to switch the unit on, or to switch off. A buzzer will beep, and the LCD will display 12:00 o'clock as default.

Setting the clock

Press the -button for 3 seconds to set the clock. The 2 left digits of the 4 digits on the LCD-display will flash. Press  or  to adjust the hour. Press  momentarily, the 2 right digits of the 4 digits will flash. Press  or  to adjust the minutes of the clock. Press the -button for 3 seconds again to activate the clock.

Setting the temperature

If you want to change the set temperature press the ▲ or ▼ -button. The 2 digit display will indicate the set temperature.

Note: Reaching the set temperature depends on the room and outdoor climatic conditions.

Mode

Pressing the ⏻-button to switch the operating mode between 'cooling' and 'fan only'.

Fan speed

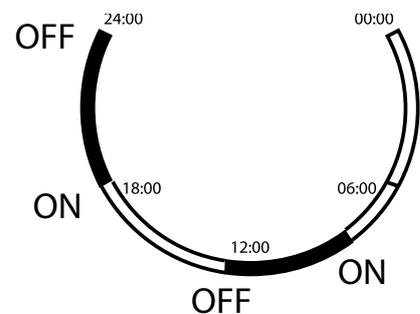
If you prefer a constant fan speed instead of the auto fan speed, press the 🌀-button successively; the fan speed icon 🌀 on the LCD-display will rotate accordingly.

- Fast - for the turbo speed
- Normal - for the medium speed
- Slow - for the slow speed
- Auto - alternating fast and slow speed

Timer

For all of the following TIMER programming, proceed firstly with these standard steps:

- Press the ⏻-button briefly; the 2 left digits of the 4 digits on the LCD display are flashing.
- Press ▲ or ▼ to adjust the hour.
- Press the ⏻-button briefly again, the 2 right digits of the 4 digits are flashing.
- Press ▲ or ▼ to adjust the minutes of the clock in intervals of 5 minutes. The timer is set. After 10 seconds the time display returns.



Timer example

Programming the timer for ON - when the unit is OFF.

- Perform the standard steps as described above.

The linear time scale will be on between the ON programmed times until 24:00. The flashing bar on the time scale indicates the real time and moves a segment ahead every 30 minutes until it reaches the ON timer time, then the black segments in the linear time scale will disappear.

Programming the timer for OFF - when the unit is RUNNING.

- Perform the standard steps as described above.

The linear time scale will be on between the present time to the OFF programmed time. The flashing bar on the time scale indicates the real time and moves a segment ahead every 30 minutes until it reaches the OFF timer time, then the black segments in the linear time scale will disappear.

Repeated OFF and ON

Programming the timer for repeat OFF and ON - when the unit is RUNNING.

- Perform the standard steps as described above.
- Repeat the above procedure while the digits are still flashing for setting the ON.

The linear time scale will be ON between 00:00 to the time set with the timer to OFF and

from the ON time until 24:00. The flashing bar on the time scale indicates the real time and moves a segment ahead every 30 minutes. The unit will operate daily according to the timer setting.

Repeated ON and OFF

Programming the timer for repeat ON and OFF - when the unit is NOT RUNNING.

- Perform the standard steps as described above.
- Repeat the above procedure while the digits are still flashing for setting the OFF.

The linear time scale will be OFF between 00:00 to the time set with the timer to ON and from the OFF time until 24:00. The flashing bar on the time scale indicates the real time and moves a segment ahead every 30 minutes. The unit will operate daily according to the timer setting.

After a power failure, or after the unit has been unplugged, you will have to program the timer settings again.

Cancelling the timer function

In order to cancel the timer programming press the -button momentarily, then it will return to the time display. The daily mode will be cancelled as well. The black segments in the linear time scale will disappear.

LCD blue back light

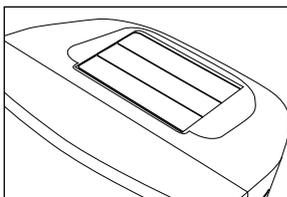
In order to switch off the blue back light, press the  and  buttons at the same time. The blue back light will blink twice and goes off after three seconds.

By pushing any of the buttons the blue back light will come on again.

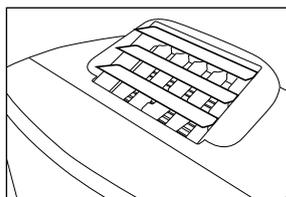
Air flow

On the moment the air conditioner is connected to the mains, the louvres open and close and stay closed.

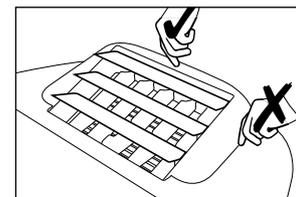
- When the ON-button is pressed, the louvres open to maximum and return to an angle of 75° above the upper plane of the louvres housing.
- Press the -button, the louvres will swing continuously up and down between 30° and 80° above the upper plane of the louvres housing.
- By pressing the -button again the movement will stop and the louvres remain in that position. The direction of the air flow is then constant.
- When the OFF-button is pressed, the louvres close.



Air outlet down, louvres closed



Air outlet up, louvres opened



Raising the louvres housing.

This way of directing the air flow is particularly convenient when using the remote control: a user friendly approach to your comfort.

In order to direct the air flow to a lower angle, raise the louvres housing by pulling it up only by the centre of its back rim.

Sleep mode

The sleep mode function adjusts the set temperature of the unit to the thermal needs of the body falling asleep as follow:

- Default fan speed: LOW
- Press the -button to operate the sleep mode. Press the -button again in order to cancel the sleep mode.

The set temperature will increase 1°C after 1 hour and a further 1°C after 2 hours.

- No FAN mode under SLEEP mode operation.

Dehumidification

If the unit will be used mainly as a dehumidifier just let the warm air return in the room. Continuous drainage (see separate chapter) is then necessary and more efficient.

AIR FILTERS

This air conditioner is equipped with two filter sets:

1. A multi layer filter in the upper air inlet, to clean the circulated room air, which includes
 - a. A screen filter, to remove dust particles.
 - b. An active carbon filter, to remove odours.
 - c. 3M™ High Air Flow filter; to remove unhealthy particles from the air such as pollen, bacteria, animal dander and dust.

If you wish to purchase a replacement, call Amalgamated Appliance (Pty) Ltd for details.

2. A screen filter in the lower air inlet, to remove dust particles.

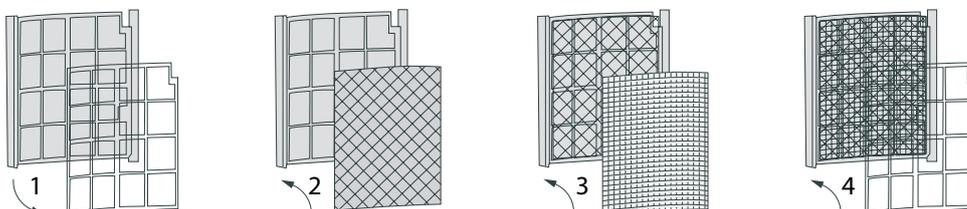
NOTE! The active carbon filter and the 3M™ High Air Flow filter are delivered in a plastic packaging. Don't forget to install these filters. These filters take away unhealthy particles out of the room environment.

The filter holder on the rear of the unit can be opened. The active carbon filter and 3M™ High Air Flow filter can be installed or removed. The screen filter is part of the filter holder (see illustration).

- a. The screen filter has to be cleaned regularly with a vacuum cleaner to avoid blocking of the air flow.
- b. The positive/negative electrostatically charged 3M™ High Air Flow filter is recommended to be changed every 3 months. Unusual dirt, construction work, pets, the presence of smoke and running the air conditioning unit continuously can shorten the life time of the 3M™ High Air Flow filter.
- c. The active carbon filter can be cleaned with a vacuum cleaner when dusty but has to be changed at the same time as the 3M™ High Air Flow filter.

Filter installation

- Slide out the filter frame from the unit.
- Separate the filter fixer from the filter frame (see fig. 1).
- Remove the active carbon filter (black) and 3M™ High Air Flow filter from its plastic bag.
- Insert the active carbon filter into the filter frame (see fig. 2).
- Insert the 3M™ High Air Flow filter into the filter frame (see fig. 3).
- Fix the filter by reassembling the fixer into the filter frame (see fig. 4)



NOTE!

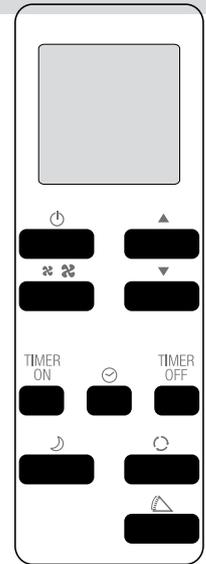
- Remove the 3M™ High Air Flow filter and active carbon filter before seasonal storage and install new filters at the beginning of the new season. The old filters can be disposed in the 'Non-biological garbage container'.
- Replacement filter packages are available directly from Amalgamated Appliance (Pty) Ltd.
- To run the unit without active carbon filter and/or 3M™ High Air Flow filter does not do any harm to the air conditioner. In this case odours and unhealthy dust are not removed from the circulated air.
- **The screen filter must always be used.**
- **3M is a trademark of the 3M Company.**

REMOTE CONTROL

The unit responds to all signals that are sent by the remote control. There will be a beep sound from the unit after receiving the signal. The operation of the unit by remote control, is almost identical to the operation by the control panel. The only exception is the clock function.

Instead of the ☺-button for setting the actual time and for programming the timer, there are 3 push buttons on the remote control as follows:

- ☺ - for setting the actual time.
- TIMER ON - for programming the time when the unit is ON.
- TIMER OFF - for programming the time when the unit is OFF.



EMPTYING THE INTERNAL WATER CONTAINER

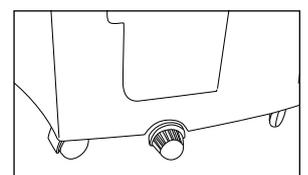
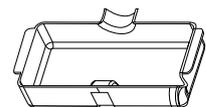
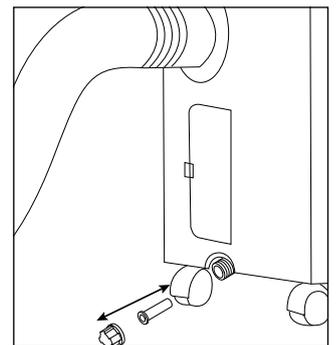
Under high humidity conditions it may be necessary to empty the internal water container. When the internal water container is full the backlight on the LCD-display flashes. The unit will switch off automatically.

To empty the water container do the following:

- Switch off the unit and remove the plug from the wall socket.

Do not move the unit. Doing this can result in water leakage, damaging your floor or carpet.

- Place the water container on the floor underneath the permanent drainage point.
- Remove the water stopper and rubber plug from the drain and let the water run out. The water container has to be emptied several times before all water will be drained (ca. 1.5 litres).
- Replace the rubber plug and water stopper, put the plug into the wall socket, and switch the unit on. The warning signal should be off.



NOTE! When the air conditioner is in use, under normal circumstances the condensed water will evaporate and then be discharged through the hot air outlet hose.

CONTINUOUS DRAINAGE

- Switch off the unit and remove the plug from the mains.
- Remove the water stopper and rubber plug.
- Connect a drain tube (ø 20 mm inner dimension) onto the water outlet and extend with extra water tube if needed.
- Place the other end in a normal drain. Make sure that the tube is free from twists and bends. The tube must decline over its entire length.

CLEANING

WARNING! First of all switch off the unit and remove the plug from the wall socket.

Clean the housing with a soft, damp cloth. Never use aggressive chemicals, petrol, detergents or other cleansing solutions.

Clean the screen filter regularly with a vacuum cleaner. See also “Air Filters” section.

NOTE! Never use the air conditioner without the screen filter.

TROUBLE SHOOTING

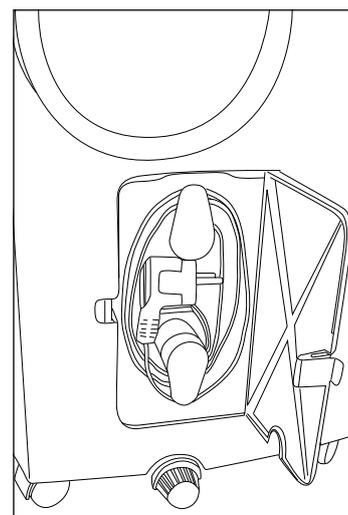
Never try to repair or dismantle the air condition yourself. Incompetent repairs result in loss of warranty and can endanger the user and the property.

Problem	Cause	Solution
The air conditioner does not function.	No power supply.	Connect to a functioning outlet and switch on.
	Is the LCD light flashing.	Empty the internal water container.
	Timer function is active.	Deactivate TIMER function.
The air conditioner does not seem to perform.	In direct sunlight.	Close curtains.
	Windows or doors open, many people or a heat source in the room.	Close doors and windows, place an extra air conditioner.
	Dirty filter.	Clean or replace the filter(s).
	Air inlet or air outlet blocked.	Remove the blockage.
	Room temperature lower than the selected value.	Change temperature selection.
The unit is noisy.	Unit stands uneven.	Place on an even, solid surface (less vibrations).
The compressor does not work.	The overheat protection is probably activated.	Wait 3 minutes until the temperature has decreased, then turn on the unit again.
The remote control does not function.	Distance too great.	Make sure the remote control is correctly aimed at the control panel.
	Remote control signal not detected by the control panel.	
	The batteries are drained.	Replace the batteries.

To correct problems that have not been described in the table and/or if the recommended solutions fail to solve the problem, contact an authorized service centre.

STORAGE

- Empty the internal water container.
 - Clean the screen filter.
 - Remove the active carbon filter and 3M™ High Air Flow filter before end of season storage and install new filters at the beginning of the new season.
 - The old filters can be disposed of in the 'Non-biological rubbish container'.
- Replacement filter packages are available from Amalgamated Appliances (Pty) Ltd.
- Put the unit in Fan Only mode for a few hours to ensure that the inside becomes completely dry.
 - Store the cable as shown.



Protect the unit against dust and store in a dry place, not accessible to children.

TECHNICAL DATA

Model		RHMA050
Cooling capacity <small>measured conform EN 14511</small>	BTU/h	11300
	kW	3.3
Power consumption	kW	1.5
Mains	V / Hz / Ph	220 – 240 / 50 / 1
Fan speeds		3
Thermostatic range	°C	18 – 32
Protection class		IP 21
Refrigerant	type	R410A
Refrigerant load	g	630
Dimensions (w x h x d)	mm	500 X 840 X 415
Net weight	kg	39.3
<p>RHMA050 can be connected only to a supply with system impedance no more than 0.110 Ohm. If necessary, please consult your supply authority for system impedance information. Subject to modifications without prior notice. For greater precision, please refer to the rating label placed on the product.</p>		



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.

SERVICE

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

1. You have followed the instructions correctly.
2. Is the plug or cord damaged in any way?
3. Are the mains power supply On.

If the appliance still does not work:

In the first instance, consult your retailer for possible repair or replacement. If your retailer fails to solve your problem and you need to return the appliance, make sure that:

1. The unit is packed carefully back into its original packaging.
2. Proof of purchase is attached.
3. Give the reason why you are returning it.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agents in order to avoid a hazard. If service becomes necessary within the warranty period the appliance should be returned to an approved Amalgamated Appliances (Pty) Ltd service centre. Servicing outside the warranty period is still available, however it will be chargeable.

Warranty :

To ensure rights to warranty privileges, please include with claim your proof of purchase showing purchase date.

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

WARRANTY

Amalgamated Appliances (Pty) Limited ("the Supplier") warrants to the original purchaser of this product ("the Customer") that this product will be free of defects in material and workmanship which under normal, personal, family or household purpose manifest themselves within a period of 365 days from the date of purchase or in respect of commercial or professional purposes, manifest themselves within a period of 90 days from the date of purchase. Any claim in terms of the warranty must be supported by a proof of purchase. If such proof is not available, then notwithstanding anything to the contrary herein, the Supplier's normal charge for service and/or spares will be payable by the Customer upon collection of the repaired product. If a claim is made in terms of the aforesaid warranty within the first 7 days from the date of purchase, the faulty product will be exchanged (provided that the product is in its original packaging with all accessories). Failing return of the product within 7 days, the Supplier's liability shall be limited on return to the Supplier of the product or parts thereof, to the replacement or repair (in the sole discretion of the Supplier, or its duly authorised service dealer) of the product to eliminate any defect in workmanship or materials found to be due exclusively to any acts or omissions on the parts of the Suppliers, of which defects the Supplier shall have been notified in writing by the Customer within the aforesaid warranty period. The warranty provided herein and the obligations of the Supplier as aforesaid are in lieu of, and the Customer waives, all other warranties, guarantees, conditions or liabilities, express or implied, arising by law or otherwise, including without limitation, any obligation of the Supplier in respect of any injury, loss or damage (direct, indirect or consequential) arising out of the use of, or inability to use, this product and whether or not occasioned by the Supplier's negligence (gross or otherwise) or any act or omission on its part. The warranty does not include and will not be construed to cover products damaged as a result of disaster, misuse, abuse or any non-authorized modification of the product. The warranty does not include replacement of light bulbs, heater bars, paper bags or any glass, plastic bowl or jug or other expendables. During the warranty period the product should be taken to a service centre of the Supplier or one of its duly authorised service agents. The Supplier neither assumes nor authorises any other person to assume for it, any additional liability in connection with the sale or servicing of its products.

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