

50 Litre Dehumidifier White



IG985 I

PO Number:

Please read these instructions carefully before use and retain for future reference

**Before switching on your appliance,
always check for any damage which may have been caused in transit**

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IMPORTANT SAFETY INSTRUCTIONS

Read and follow all of the instructions even if you feel you are familiar with the product, and find a place to keep this manual handy for future reference.

Important: This appliance is intended for use in a domestic environment only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injury to user or property. When using electrical appliances, basic safety precautions should always be followed:

- Do not operate the unit with a damaged cord or plug, after it malfunctions or has been dropped or damaged in any way. All electrical repairs must be carried out by a qualified electrician. Inadequate repairs may result in a major source of danger for the user and invalidate the warranty.
- This unit should always be kept in an upright position to avoid any damage. Locate the unit on a dry, flat and stable surface.
- When storing or transporting the unit, always keep in an upright position, otherwise irreparable damage may be caused to the compressor; if in doubt we suggest waiting at least 24 hours before starting the unit.
- Check the voltage of the appliance matches the household voltage, which is located on the rating label.
- Operate this unit in an ambient temperature between 5°C and 35°C. Below 5°C, the coils in the unit can become covered in frost, which may reduce performance.
- Ensure that the air inlets and outlets are not blocked or covered.
- Avoid touching any moving parts of the unit.
- Never remove the water tank whilst the appliance is operating.
- Never insert fingers, pencils or any other objects through the guards.
- Do not place the unit too close to curtains or other objects – min 40cm.
- Never place anything on top of the unit and do not cover with any kind of material whilst in use.
- This product is intended for domestic use ONLY and not for commercial, industrial or outdoor use.

- Do not use the unit for any other purposes than its intended use.
- To protect against electrical shocks, do not immerse unit, plug or cord in water, or spray with liquids.
- Never unplug the power cord without switching the unit off first by pressing the Stand-By button, as this could damage the unit.
- Avoid restarting the unit unless 5 minutes have passed since being turned off. This prevents damage to the compressor.
- Always unplug the unit when not in use, before cleaning or before moving location.
- To disconnect from the power supply, grip the plug and pull from the power socket. Never pull by the cord.
- Always empty the water tank before storing the unit away.
- This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Cleaning and user maintenance shall not be made by children.
- Keep the appliance and its cord out of reach of children aged less than 8 years.
- Children shall not play with the appliance.
- This appliance can be used by 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.
- Do not run power cord under carpeting, or cover with rugs or runners. Arrange the cord away from areas where it may be tripped over.
- Never operate or store the unit in direct sunlight.
- To repair the unit, take it to a qualified service engineer. Repairs carried out by unqualified people may cause damage to the unit or injury to persons or property and void the warranty.
- Where possible, avoid the use of an extension cable as they may overheat and cause a risk of fire. Only use an extension cord after ensuring it is in perfect condition.
- Do not use the unit without the air filter.
- Do not place the unit next to tumble dryers or heat sources (e.g. electrical fires, fireplaces etc).

- This dehumidifier must not be used in spaces:
 - Where there is a high concentration of gases, solvent or any other volatile organic compounds,
 - In very dusty environments; in any domestic, commercial or industrial environment where air composition is flammable.

INTENDED USE - Purpose of a Dehumidifier

Air always contains a certain amount of water in the form of water vapour. This is known as humidity. The capacity of the air to hold water vapour increases with the temperature. This is why in our homes, as soon as the temperature decreases, the vapour contained in the air condenses leaving moisture on the colder surfaces in the room such as the windows and the walls etc.

The purpose of the dehumidifier is to remove the excess moisture from the air to control the condensation in the home. The optimum environmental conditions for the home are between 40% and 60% Relative Humidity (RH).

Below these levels the air can feel too dry and may cause skin complaints and create static.

If temperatures in the home are below 10°C for prolonged periods, low level heating will be necessary to allow the condensation to evaporate into the air before dehumidification can take place. The air will however be slightly warmed by the dehumidifier as the dry air leaving the dehumidifier is between 1°C to 4°C higher than the ambient room temperature.

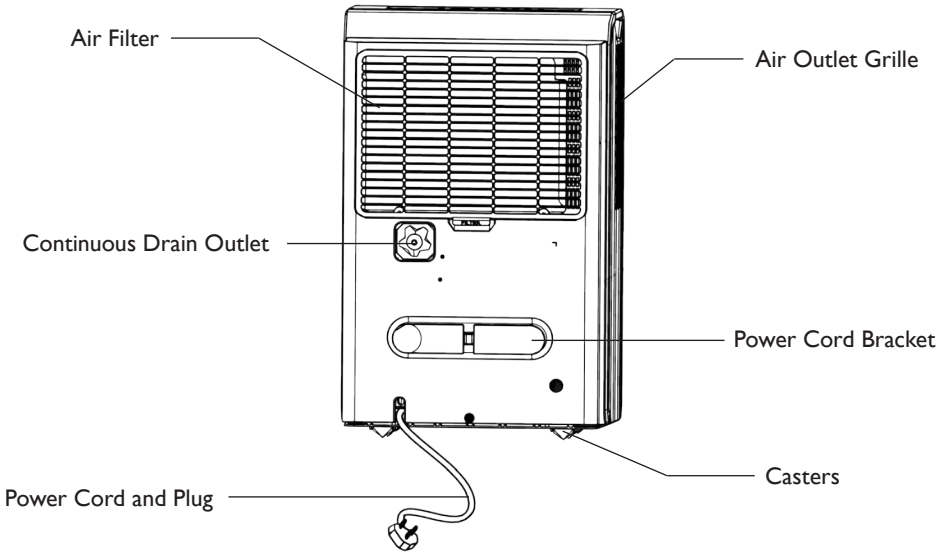
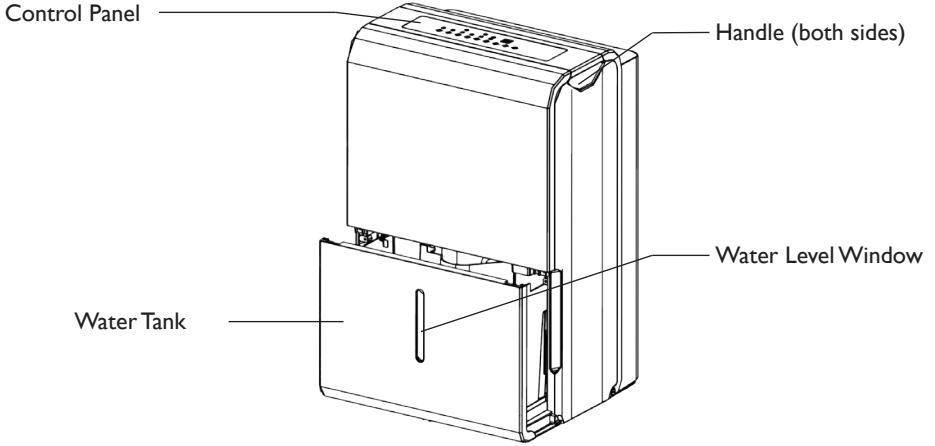
This dehumidifier can be used to help prevent moisture damage anywhere books or valuables are stored, or in a basement or similar environment.

SPECIFICATION

Dehumidifying Capacity	50 L/Day (30°C RH80%)
Voltage	220 – 240V
Frequency	50Hz
Rated Input Power	850W
Rated Input Current	3.7A
Water Tank Capacity	6L
Operating Temperature	5°C – 32°C
Humidity Setting Range	35% - 85%
Filter Type	PET Filter
Air Volume	353m ³ /h – 319m ³ /h
Refrigerant	R290 / 0.145
Noise Level	48dB(A) – 49.5dB(A)
Net Weight	19Kg
Product Dimensions (mm)	(H)616 x (W)392 x (D)282

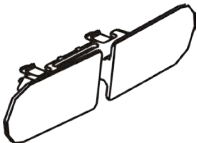
Brand	Igenix
Product Code	IG9851
Product Description	Hermetically Sealed Equipment
Contains Flourinated Greenhouse Gases	R290
F Gas Mass (kg)	0.145
Equivalent Tonne of Carbon Dioxide (ET CO ₂)	0.000225
Global Warming Potential (GWP)	3

APPLIANCE OVERVIEW

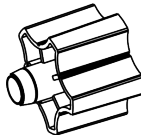


Accessories (located in the water tank)

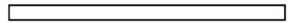
Power Cord Bracket



Female Threaded
Drainage Hose Adapter



Continuous Drainage Hose



Control Panel

Frost Protection

Lights up to indicate that the Frost Protection Function is working.

On/Off

Lights up to indicate that the Timer function is set to either auto turn on or auto turn off.

Stand-By

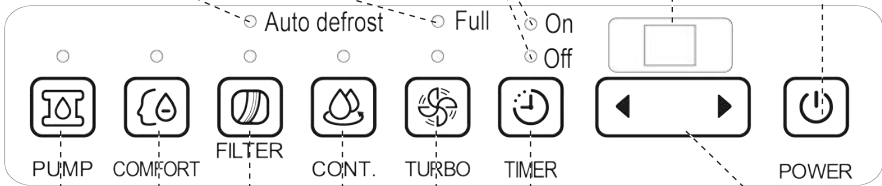
Press this button to switch between standby mode and 'On.'

Tank Full

Lights up to indicate that the water tank needs to be emptied.

LED Display

Shows the set humidity level or auto start/stop time whilst selecting, then shows the actual room humidity level.



Comfort

Press to select Comfort Mode. Humidity cannot be changed while this is active.

Continue

Press to select Continuous Dehumidifying function.

Timer

Press to select Timer function.

Humidity/Hour

Press either the left (negative) or right (positive) button to select the desired humidity level, or to select the desired number of hours when using the Timer function.

Pump

Press to activate Drain Pump function. Do not use when outdoor temperature is below 0°C

Filter

Lights up to indicate that the filter needs to be cleaned.

Turbo

Press to switch between normal and turbo fan speeds.

OPERATING INSTRUCTIONS

Appliance Location

Where to position your dehumidifier?

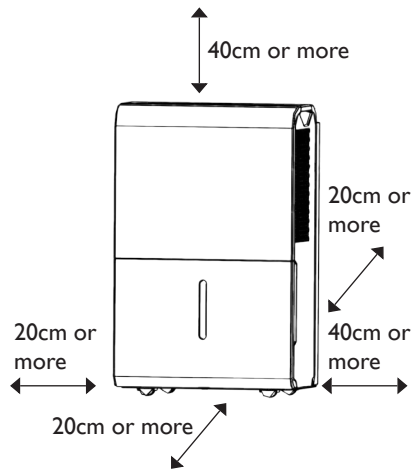
For best results; position the dehumidifier somewhere central like a landing or a hallway. As long as the internal doors are open, the excess moisture from all the rooms in the house will migrate naturally towards the dehumidifier and be processed.

Note: A dehumidifier operating in a basement will have little or no effect in drying an adjacent enclosed storage area, such as a closet, unless there is adequate circulation of air in and out of the area.

- Place the unit in an upright position on a dry, stable and flat surface.
- The dehumidification will be most efficient when the unit is operated in an enclosed area, with external doors and windows closed.

Note: If you experience interference from other household appliances, such as a television or radio, move the dehumidifier at least 70cm away.

- Allow at least 20cm of air space on all sides of the unit to ensure good circulation, and at least 40cm of space next to the air outlet



Note: For the first use of the appliance, it is recommended to run the dehumidifier continuously for a full 24 hours.

- Plug the appliance into a suitable wall socket – the appliance will beep once and will remain in standby mode.
- Press the Stand-By button to switch on the appliance.

Note: Make sure that the water tank is in the correct position. If the Tank Full indicator illuminates, remove the tank and replace it in the correct position.

- The LED display will automatically display the Relative Humidity of the room; you can now select the desired function:

Functions

AUTO: Use this mode for automatic dehumidification. In this mode, the desired humidity cannot be adjusted, however the fan speed can be changed at any time by pressing the Turbo button.

COMFORT MODE: When comfort mode is active, the unit will automatically control room humidity, keeping it within a comfortable range of between 45% and 55% depending on the room temperature. Humidity settings will be unavailable while comfort mode is selected.

Room Temperature	Humidity Setting
<18°C	55%
18-25°C	50%
>25°C	45%

MANUAL: Use this mode to manually select the desired humidity level (between RH35% and RH85%) and Fan Speed (Normal/Turbo)

- Press the Stand-By button to switch the appliance to 'On'.
- Set the desired humidity using the Humidity/Hours buttons on the control panel.
- Press the Manual button to begin dehumidification.
- The fan speed can be changed at any time by pressing the Turbo button.

Note: It is not possible to change the desired humidity after the Manual button has been pressed and dehumidification has commenced, unless the current dehumidification program has been cancelled.

- Press the Manual button to cancel the program.
- Select desired humidity using the Humidity/Hours buttons on the control panel.
- Press the Manual button to begin dehumidification.

TURBO: Press this button to alternate between the appliance's two fan speeds. When the light above the button is illuminated, the fan will run at a high speed to ensure maximum moisture removal. When the light above the button is off, the fan will run at a normal speed and the operation of the appliance will be quieter.

TIMER: The 24 Hour programmable timer can be used to switch on the unit after a desired period of time; or can be used to switch off the unit after a desired period of time.

Note: The timer can be selected between 1 to 24 hours, in increments of 0.5 hours between 0 to 9.5 hours, and in increments of 1 hour between 10-24 hours.

How to use the Timer to switch on the appliance:

- Plug the appliance into a suitable wall socket – the appliance will beep once and will remain in Standby Mode.
- Press the Stand-By button to switch on the appliance.
- The illuminating LED will automatically display the Relative Humidity of the room; you can now select the desired function.
- Once function is selected, press the Stand-By button to switch the appliance back to standby mode.
- Press the Timer button, the On light will then illuminate.
- Use the Humidity/Hours buttons to select the desired amount of time until you would like the appliance to switch on (the LED display will show the hours).
- The selected time will be registered after 5 seconds and the LED display will revert back to displaying the Relative Humidity of the room.
- The appliance will switch on after the selected period.

How to use the Timer to switch off the appliance:

- Plug the appliance into a suitable wall socket – the appliance will beep once and will remain in Standby Mode.
- Press the Stand-By button to switch on the appliance.
- The illuminating LED will automatically display the Relative Humidity of the room; you can now select the desired function.
- Once function is selected, press the Timer button, the Off light will then illuminate.
- Use the Humidity/Hours buttons to select the desired amount of time until you would like the appliance to switch off (the LED display will show the hours).
- The selected time will be registered after 5 seconds and the LED display will revert back to displaying the Relative Humidity of the room.
- The appliance will switch to standby mode after the selected period.

FROST PROTECTION: When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears.

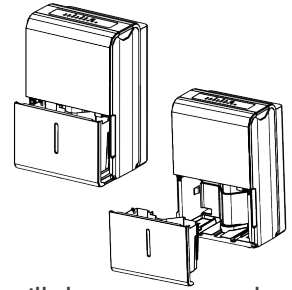
AUTO-RESTART: If the appliance stops unexpectedly due to a power cut, it will restart when the power resumes with the previous function selected automatically.

WATER EXTRACTION

There are 2 ways to extract water from the dehumidifier:

Using the Water Tank:

- When the water tank is full, the Tank Full indicator will illuminate.
- Press the Stand-By button to switch the unit to standby mode and disconnect from the power source.
- Grip the left and right handles of the water tank securely and slowly and carefully pull out the tank.



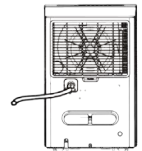
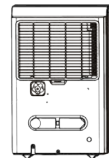
Note: Take extra care to ensure not to tip the tank or spill the water onto the unit. The bottom of the tank is uneven, so care should be taken to not place the tank on the floor as it will fall over.

- Dispose of the water inside the tank, dry the inside thoroughly and then carefully reinsert the tank back into the unit.
- Reconnect the power source and press the Stand-By button to turn the dehumidifier back on. The appliance will resume dehumidification.

Note: Ensure the water tank is correctly installed in the dehumidifier otherwise the appliance will not function.

Continuous Draining:

- Water can be automatically emptied into a floor drain by attaching a hose (included) to the Continuous Drainage outlet.
- Switch the unit to standby mode and disconnect from the power.
- Remove the plastic cap from the Continuous Drainage outlet and attach the female threaded end securely.
- Insert the hose (included) into the female end and lead the end of the hose to a floor drain or another suitable drainage facility.
- Ensure there are no kinks or holes in the hose that will prevent the water from flowing freely.
- Reconnect the power source and press the Stand-By button to turn the dehumidifier back on.
- Select the desired dehumidification mode and setting, continuous drainage will begin automatically.



Note: When the continuous draining function is not being used, the female end must be removed and the plastic cap replaced securely onto the Continuous Drainage outlet. If the plastic cap is not secured onto the outlet, water will leak from the back of the unit.

Pump Operation:

Water can be automatically emptied into a floor drain or a suitable drainage facility by attaching the pump drain outlet with a pump drain hose ($\phi_{od}=1/4''$, supplied).

- Remove the continuous drain hose and install the plastic cover on the continuous drain hose outlet of the unit
- Insert the pump drain hose into the pump drain hose outlet (at least 15mm), then lead the water hose to the floor drain or a suitable drainage facility.

3. Pump draining

- Press the pump button to activate the pump function. When the bucket is full the pump will begin to operate.

Note: It is normal for the pump to be noisy for ~3-5 minutes when turning on.

- Make sure the hose is secure so there are no leaks.
- Direct the hose toward the drain, making sure there are no kinks that will stop the water flowing.
- Place the end of the hose into the drain, making sure it is level or on a downward slope so water can flow smoothly
- Select the desired humidity setting and fan speed for the pump to start draining

Note: The pump “On” light blinks when there is an operational failure. Please turn off the unit, unplug the power cord and try the following:

- Clean the pump filter
- Check that the pump drain hose does not link or back.
- Empty any water from the water tank
- Reconnect the pump hose if it becomes disconnected and reinsert the water tank. Turn the unit back on. If the error repeats, please call for a service.

Note: Do not use the pump function when the outdoor temperature is equal to, or less than, 0°C (32°F) to prevent ice forming and blocking the water hose.

Make sure the water tank is emptied at least once a week when using the pump draining function. When the pump draining function is not being used, remove the pump drain hose from the outlet.

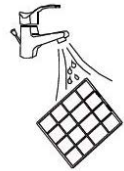
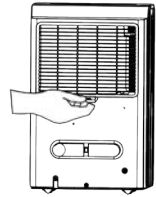
CLEANING AND MAINTENANCE

Always switch off the unit and unplug from the mains socket before cleaning or performing any maintenance. When not in use for long periods it is also advisable to remove the plug from the power socket.

Wipe the outside of the unit with a soft, damp cloth. A mild detergent may be used if necessary. Dry with a cloth. Do not use any harsh abrasives or solvents. Never immerse this appliance in water or any other liquid.

The air filter should also be cleaned regularly. To remove the filter:

- Grip the bottom tab of the filter and pull outwards to remove from the back of the unit.
- To dislodge any dust from the filter, you can either tap filter lightly over a dustbin or use a vacuum cleaner to remove all dirt.
- Wash the filter in warm soapy water (using a neutral detergent), rinse well with clean water and then leave to dry.
- Once the filter is thoroughly dry, reinstall the air filter securely into the back of the appliance.
- Press the Filter button to reset and the light will go off.



The water tank should be cleaned every few weeks to prevent growth of mould, mildew and bacteria. Partially fill the tank with clean water and add a little mild detergent. Swish it around and then empty the tank and rinse.

To thoroughly clean and dry the tank you can remove the handle and lid to gain access to the inside of the tank.

Follow these instructions:



Move handle to this position



Detach the handle



Remove handle and water tank cover



You can now access inside of water tank

Note: After cleaning, drying and reassembling the water tank, it must be reinserted securely into dehumidifier in order to restart operation.

End of Season Maintenance

- Press the Stand-By button to switch the appliance to standby mode and disconnect from power source.
- Empty and clean the water tank
- Clean the unit and the filters as per cleaning procedure above.
- Cover the unit and keep it in a dry place.

TROUBLE SHOOTING GUIDE

If you experience difficulties with the appliance, please check the suggestions below before contacting customer services on 01473 271272:

Problem	Possible Cause	Possible Solution
Unit does not start.	No power to the unit.	Check the mains power supply. Press the Stand-By button to switch the appliance to 'On.'
	Water tank is full.	Press the Stand-By button to switch the appliance to standby mode and disconnect from the power. Remove the water tank from the unit and dispose of the collected water, then reinsert into the machine, reconnect to power supply and press Stand-By button to switch unit to 'On.'
	Water tank is not installed correctly.	Ensure water tank is positioned correctly inside the appliance.
Unit is not working as efficiently as it should be / is not collecting water.	The dehumidifier is obstructed.	Make sure there is adequate clearance around the appliance, and no blinds or furniture are blocking the sides of the humidifier.
	There is excessive ventilation in the room.	Ensure all external doors and windows are securely closed.
	Room temperature and humidity may be too low.	The dehumidifier will not operate if the room humidity is already below the level set.
	Air intake filter may be blocked.	Clean the filter of any obstructions.
Unit is making a loud noise.	Floor may be uneven.	Reposition the unit on an even, stable surface.
Leaking from the unit.	The water tank may not be installed correctly.	Ensure water tank is positioned correctly inside the appliance.
	Unit may have frozen.	Unplug the unit and allow the temperature to rise.
	The Continuous Drainage outlet is not plugged securely.	Ensure the plastic cap is securely fastened to the Continuous Drainage outlet.
	Drain hose is not fitted securely to the unit.	Ensure the hose is securely fastened to the Continuous Drainage outlet and there are no kinks or holes in the hose.

Error Codes

Error Code	Possible Cause	Possible Solution
AS	Humidity sensor error.	Unplug the unit and plug it back in again.
ES	Tube temperature sensor error.	Unplug the unit and plug it back in again.
P2	Water tank is full or not inserted correctly.	Empty the water tank if required and ensure it is reinserted correctly.
EC	Refrigerant leakage detected.	Call for service.
E3	Unit malfunction	Unplug the unit and plug it back in again
Eb	Water tank is removed or not in the right position	Ensure water tank is inserted correctly and securely into the appliance.

If error message persists after troubleshooting has been completed, please call customer service on 01473 271272

MAINS PLUG FUSE REPLACEMENT

Fuse Replacement (Class I)

This appliance must be earthed. Remove the fuse cover with a small flat head screw driver. Take out the fuse and replace with a new fuse of the same Amp. Replace the fuse cover and push back into place.



DISPOSAL INFORMATION

The European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in normal unsorted municipal waste.

Old appliances must be collected separately in order to optimise the recovery and recycling of the materials they contain and reduce the impact on human health and the environment.

The crossed out “wheeled bin” symbol on the product reminds you of your obligation, that when you dispose of the appliance it must be separately collected. Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.





Igenix Warranty Terms & Conditions

This product is guaranteed for a period of 12 months as standard from the date of purchase against mechanical and electrical defects. You can extend your warranty for a further 12 months by registering your product.

Upon registration we will cover your product for a period of 24 months from the original purchase date against any mechanical or electrical defects.

To qualify for the guarantee, the product must be used for domestic household use only and in accordance with the instructions in the user manual. Any misuse of the product will result in the warranty being void.

The guarantee does not cover accidental damage, misuse, neglect, tampering or incorrect adjustment or installation.

The guarantee will be rendered invalid if the product is resold, has had its serial number removed (or has an invalid serial number), or if an unauthorised person has carried out any repairs or alterations.

The warranty does not cover accessories or consumable parts that require replacement under normal use. This includes shelving, dials, filters, belts and trays etc.

In the unlikely event of a breakdown please refer to the Troubleshooting guide in your user manual and check all plugs, fuses and the electricity supply.

If you still require assistance please contact our Customer Service department on **01473 271 272** or write to us at the following address:

**Customer Service Department
38 Bluestem Road, Ransomes Europark
Ipswich, IP3 9RR**

Please quote the Product Code which begins 'IG' or 'DF' and the "PO Number" on the front of the instruction manual and give details of the exact fault. We will then decide whether to repair or replace the item.

Before we arrange the repair or replacement you will be required to return a copy of your proof of purchase. Please retain your original.

If an item is replaced within the agreed guarantee period, the guarantee for the replacement item will be calculated from the purchase date of the original.

In the event that the product is inspected and no fault is found or the product is not within the guarantee period you will be charged for the repair and any carriage costs.



Thank you for choosing Igenix

As a valued customer we would like to offer you a FREE 2 year warranty to cover your product against any electrical or mechanical defects.

This means that in the unlikely event you develop a fault or problem with your product we will happily repair or replace the item free of charge.

To qualify for the 2 year warranty you must register your product within 30 days of purchase. The full Terms & Conditions of our warranty policy are shown on the opposite page. They are also available on our website. **www.igenix.co.uk**

igenix

38 Bluestem Road, Ransomes Europark, Ipswich, IP3 9RR

Tel. 01473 271 272

Disclaimer: Igenix operate a policy of continual improvement and development.
We therefore reserve the right to change/alter the specification and appearance of our appliances without prior notice.
All diagrams and images shown in this manual are for illustration purposes only.