

Ionmax Leone Pro user manual



v1. Updated October 2025.





Please read the user manual to ensure safe and proper usage.

Please read the instructions carefully before using and be sure to keep the user manual where it is easily accessible for future reference.

PLEASE NOTE:

The user manual may be altered at any time to assist in quality improvement.


The design and product development may be upgraded without public notice.


	<p>This unit uses a flammable refrigerant. If the refrigerant leaks and comes in contact with fire or heating parts, it will create harmful gas and there is a risk of fire.</p>
	<p>Read the user manual carefully before operation.</p>
	<p>Further information is available in the user manual and service manual.</p>
	<p>Service personnel are required to read the user manual and service manual carefully before operation.</p>

SAVE AND READ THESE IMPORTANT SAFETY INSTRUCTIONS

Important Safety Instructions

 Please read all instructions carefully before operating


 This appliance is intended for use in an indoor environment only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injuries to surrounding people or property.

 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.



This unit uses a flammable refrigerant. If the refrigerant leaks and comes in contact with fire or heating parts, it will create harmful gas and there is a risk of fire.


- The unit is designed only for use with R290 (propane) gas as the designated refrigerant.
- The refrigerant loop is sealed. Only qualified technicians should attempt to service this unit.
- Do not discharge the refrigerant into the atmosphere.
- R290 (propane) is flammable and heavier than air. It collects first in low areas but can be circulated by a fan.
- If propane gas is present or even suspected, do not allow untrained personnel to attempt to find the cause.
- The propane gas used in the unit has no odours. The lack of smell does not indicate a lack of escaped gas.
- If a leak is detected, immediately evacuate all persons from the room, ventilate the room and contact the local fire department to advise them that a propane leak has occurred.
- Do not let any persons back into the room until the qualified service technician has arrived, inspected the situation and advised that it is safe to return to the room.
- No open flames, cigarettes or other possible sources of ignition should be used inside or in the vicinity of the unit.
- Component parts are designed for propane and non-sparking. Component parts should only be replaced with identical repair parts.


 Failure to abide by this warning could result in an explosion, death, injury, and property damage.

Operational Precautions

- This unit is intended for domestic and light commercial use ONLY. Do not use for heavy industrial or outdoor applications.
- Install the unit on a flat, stable surface to reduce vibrations or noise.
- Do not tip the unit on its side. Water may spill and damage internal components.
- Ensure the drainpipe is directed downwards when using the continuous drainage option so that water can flow out properly.
- Never immerse the unit in water or any other liquid. Do not touch the unit with wet hands.
- Do not operate the unit with a damaged cord or plug, or if the unit malfunctions, has been dropped, or damaged in any way. Return it to an authorised service facility for examination and repair.
- Always switch off and unplug the unit before moving, cleaning, servicing, or storing.

- Connect the unit to a power socket with a grounding wire. Ensure that the socket wiring complies with national regulations.
- Avoid using extension cords as they may overheat and pose a fire risk. Only use one if it is in perfect condition.
- Check the household voltage matches the unit's rated specification before operating.
- As this unit contains a compressor, if it has been tilted or laid on its back, stand it upright for at least 1 hour before switching on.
- Operate the unit in an ambient temperature between 5°C and 35°C.
- If used in basements, storage rooms, or similar spaces, ensure there is sufficient air circulation for effective dehumidification.
- Keep the air inlets and outlets clear and unobstructed at all times.
- Never insert fingers or objects into any openings of the unit.
- Maintain a minimum clearance of 30 cm between the unit and curtains or other objects.
- When using the unit to dry laundry indoors, ensure clothes are kept at a safe distance to avoid water dripping into the unit.
- Do not place objects on top of the unit and do not cover it while in operation.
- To prevent electrical shock, do not spray liquids on the unit or immerse the plug or cord in water.
- Always press the Power button to switch off before unplugging the unit.
- Unplug the unit when not in use or before moving. Always pull the plug directly from the socket — never pull by the cord.
- Empty the water tank before storing the unit.
- Do not run the power cord under carpeting or cover it with rugs. Position the cord to avoid tripping hazards.
- Do not operate or store the unit in direct sunlight.
- Repairs must only be carried out by qualified service engineers. Unauthorised repairs may cause injury, damage, or void the warranty.
- Do not use the unit without the air filter installed.
- Do not attempt to accelerate defrosting or cleaning other than as instructed in this manual.
- Store the unit in a room free of continuously operating ignition sources such as open flames, gas appliances, or heaters.

 Any persons involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely in accordance with an industry-recognised assessment specification.

 Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of a person competent in the use of flammable refrigerants.

For the service manual or further assistance, please contact Ionmax.

Features

- **Compressor dehumidifier** - suitable for warm climates
- **HEPA air purifier** - comes with a HEPA H13 filter - doubles as an air purifier to improve indoor air quality and capture fine particles
- **Environmentally friendly** - uses eco-friendly R290 refrigerant
- **Moisture removal** - 25L/day (30°C RH80%) without HEPA filter, 20 litres/day (30°C RH80%) with HEPA filter
- **Water tank capacity** - 2.9 litres
- **Digital humidity display** - set and view relative humidity levels with ease
- **Air quality indicator** - colour-changing LED shows real-time indoor air quality (based on PM2.5 levels)
- **Ioniser and UV** - further enhance air purification by reducing airborne pollutants and microorganisms
- **Multiple modes** - choose from Manual, Dryer, Night or Automatic mode to suit your needs
- **Adjustable humidity settings** - select between 40%–80% RH or Continuous mode
- **Up to 9-hour timer** - set to automatically switch off for added convenience
- **Continuous mode** - perfect for drying laundry indoors faster
- **Temperature range for use** - 5°C to 35°C
- **Ergonomic carry handle and universal wheels for easy portability**
- **Swing louvre** - multi-directional airflow with oscillation or fixed angle options
- **Child lock** – prevents accidental changes to settings
- **Auto defrost and auto restart** - saves energy and ensures smooth operation in cooler conditions
- **Compressor protection** – 5-minute delay between cycles to prolong compressor life
- **Continuous drainage option** – connect the provided hose for uninterrupted drainage
- **WiFi app control** - remote monitoring, settings and scheduling via mobile app
- **Portable design** – **ergonomic handle** and **castor wheels** for easy movement between rooms

Specifications

Model: ION626

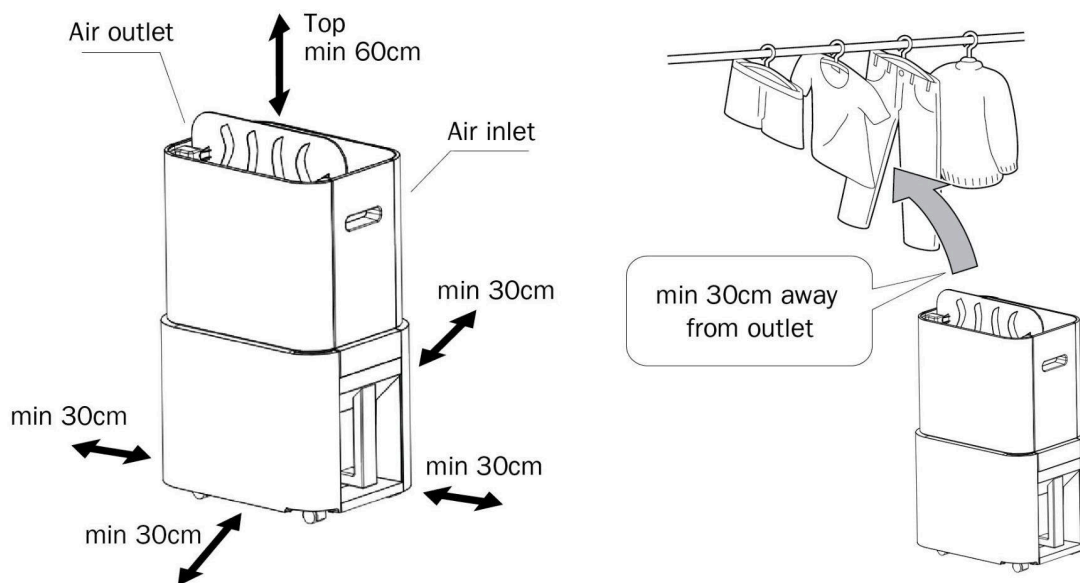
Voltage: 220–240V, 50Hz

Power consumption: 400W


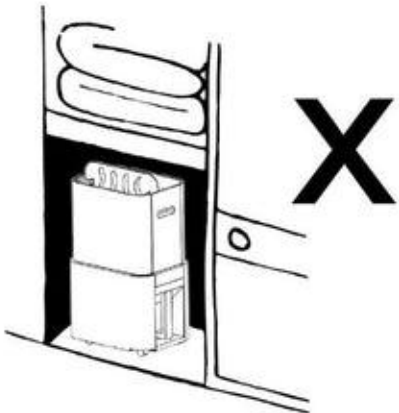
Net weight: 14.8kg

Dimensions (W x D x H): 360 x 265 x 559mm

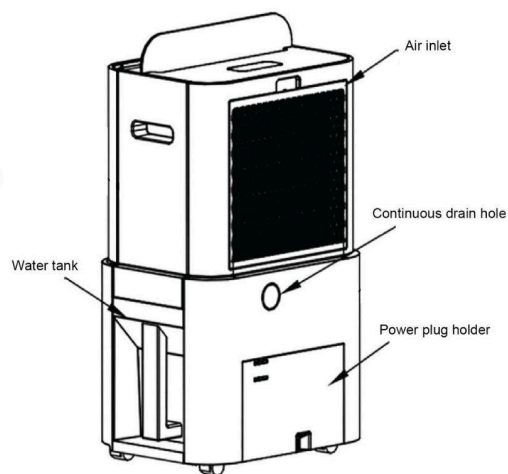
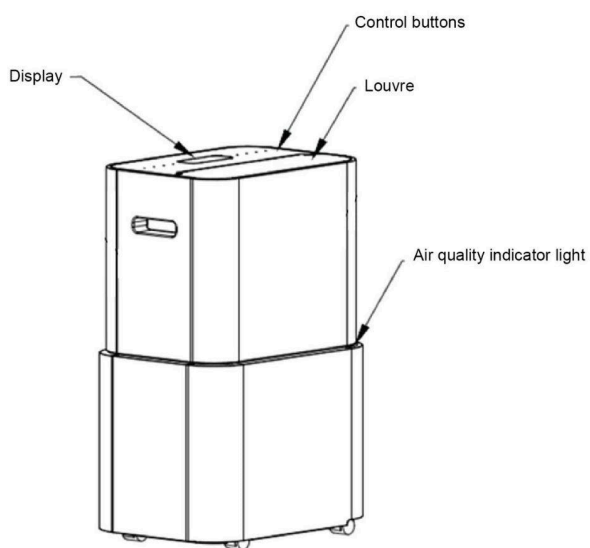
Unit Setup



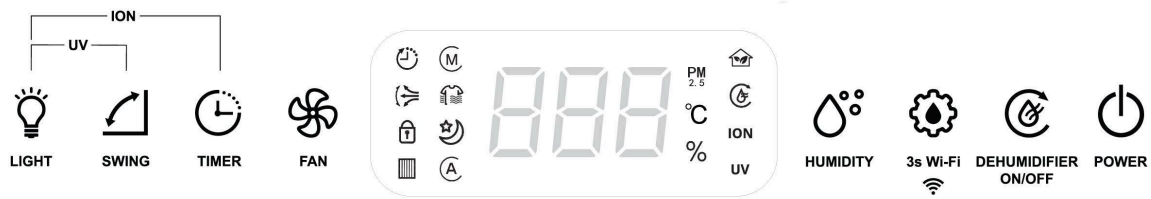
1. Place the unit in an upright position on a stable, level surface. Please ensure the unit is not sitting on its own cable.
2. Only use the unit in areas larger than 7 square meters.
3. Please ensure the unit is a safe distance away from walls and furniture (as shown above).
4. Please keep clothes at a safe distance of 30cm from the air outlet of the unit to prevent water from dripping into the unit.
5. 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 of the rooms in the house will migrate naturally towards the dehumidifier and be processed.

	<p>Do not install or operate the dehumidifier in the following conditions:</p> <ul style="list-style-type: none"> • areas smaller than 7 square meters • small unventilated rooms or confined areas • areas where flammable gas may leak • in close proximity to a heat source such as radiators, tumble driers and stoves • under direct sunlight • areas where oil or water may be splashed • mechanical vibrations or shock • excessive dust • uneven surface 	
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Product Description














Control Panel





Operating Instructions

	<p>Power button</p> <p>Press to turn the unit ON or OFF.</p> <p>When switched on, the digital display activates and shows the current settings. If the set humidity is reached, the unit will automatically pause to save energy and resume dehumidification if humidity levels rise again.</p>
	<p>Operation button</p> <p>Switch between Air Purifier only, or Dehumidifier + Air Purifier mode. In Air Purifier mode, the display shows air quality. In combined mode, it shows humidity.</p>
	<p>Mode button</p> <p>Select Manual, Night, Dryer, or Automatic mode. Options vary depending on whether Air Purifier only or Dehumidifier + Air Purifier is selected.</p> <ul style="list-style-type: none"> • Manual mode – Adjust fan speed (and humidity in combined mode). Display shows PM2.5 or humidity. • Night mode – Runs quietly at low fan speed. Display shows PM2.5 or humidity. • Dryer mode – Continuous dehumidification at 40% RH with high fan speed. Display shows humidity. • Automatic mode – Fan adjusts automatically. As Air Purifier, based on air quality. As Dehumidifier + Air Purifier, maintains 60% RH.

	<p>Fan Speed button</p> <p>Available only in Manual mode. In Air Purifier mode, set Low/Medium/High. In combined mode, set Low or Medium.</p>
	<p>Humidity Set Control button (+/-)</p> <p>Adjust humidity between 40%–80% RH or select CO for continuous operation. Available in Manual and Night modes.</p>
	<p>Timer button</p> <p>Set the unit to turn off automatically between 1–9 hours.</p>
	<p>Swing Louver button</p> <p>Activate oscillation or stop the louver at a fixed angle for direct airflow.</p>
	<p>Indicator Light button</p> <p>Control display indicators. One press switches off the air quality light, two presses switch off all indicators, and a third press restores them.</p>
	<p>Child Lock</p> <p>Hold Indicator Light  for 3 seconds to activate/deactivate. Locks all buttons and shows a lock icon.</p>
 + 	<p>Ioniser</p> <p>Hold Operation + Swing for 3 seconds to toggle ON/OFF.</p>

 + 	UV function Hold Operation + Light for 3 seconds to toggle ON/OFF.
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Indicators & Display

P2	Full water tank “P2” appears and the unit beeps when the tank is full, removed, or incorrectly placed.
	HEPA Filter replacement reminder Activates after 2,160 hours of use. Replace filter and hold Timer  for 5 seconds to reset.
°C	Room temperature Hold the Humidity (+) button to view current room temperature.
Lo	Very Low Humidity Appears when humidity is $\leq 30\%$ RH. Compressor stops, fan continues. Resumes when humidity rises above 32% RH.
Hi	Very High Humidity Appears when humidity is $\geq 91\%$ RH. Compressor continues until humidity falls to 90% RH or below.

Air quality indicator lights: Continuously monitors indoor air PM2.5 levels and displays indoor air quality using a colour-coded indicator light:

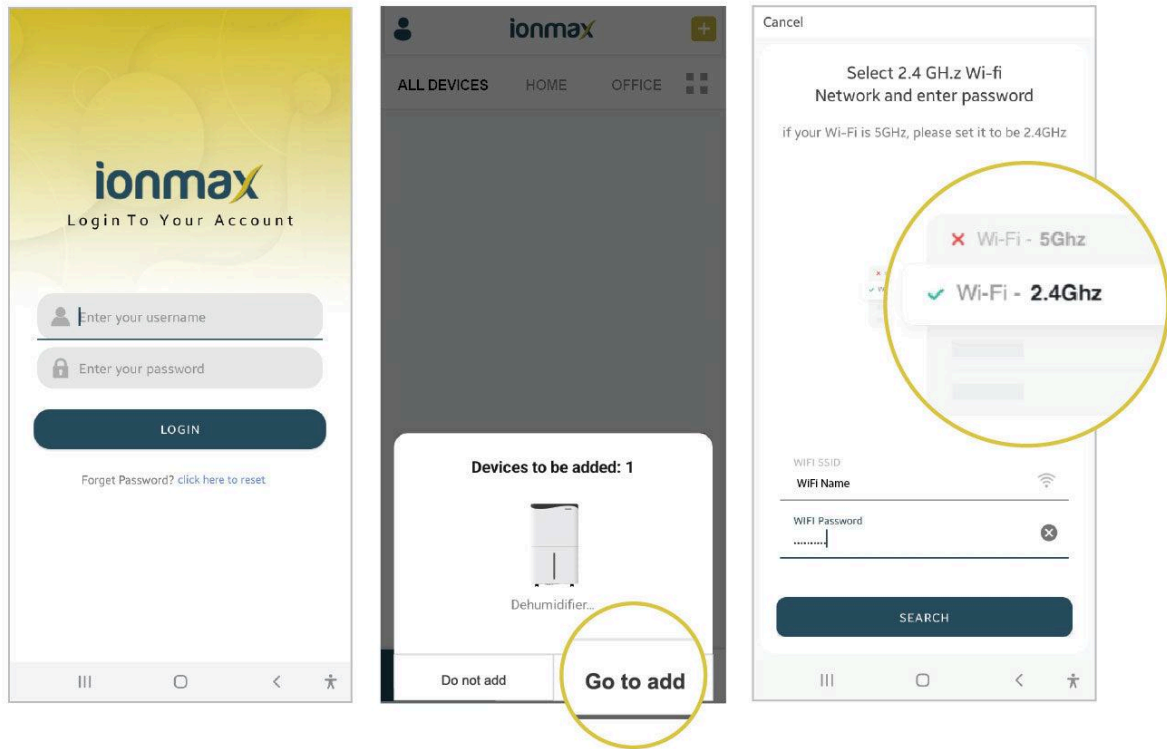
Indicator light colour	Detected PM2.5 level	Air quality indication
Green	$\leq 50 \mu\text{g}/\text{m}^3$	Excellent air quality
Blue	$51\text{-}100 \mu\text{g}/\text{m}^3$	Good air quality
Red	$\geq 101 \mu\text{g}/\text{m}^3$	Serious pollution

Mobile App Setup



Download the Ionmax app on your phone.

Scan the QR code or visit ionmax.com.au/app



1. Register a new account on your phone, or log in to your existing account for the Ionmax app.
2. Place the dehumidifier at a distance of at least 5 meters from your router. Plug the dehumidifier into an appropriate power outlet and switch it on.
3. Ensure that the WiFi indicator on the dehumidifier is flashing during the connection process.
If the WiFi indicator is not lit, hold down the Timer button on the dehumidifier for 5 seconds until the WiFi indicator is flashing quickly. This indicates that the dehumidifier is ready for connection.
4. Connect the dehumidifier to your phone via Bluetooth or Wi-Fi

Method 1: Connect via Bluetooth

- Enable the Bluetooth function on your mobile phone.
- Open the Ionmax app on your mobile phone.
- The app will search for the dehumidifier and connect automatically.
- Follow the prompts on the app to finish the Bluetooth connection.

Method 2: Connect via Wi-Fi

- On your Ionmax app, select or create a new location for your dehumidifier .
- Select “Devices” and click on “+” to add a new device.
- Select product type “Dehumidifier” and "EZ mode" (default).
- Enter your WiFi network SSID and password on the app. **Please use a 2.4GHz network only.*

- The app will search for the dehumidifier and prompt for connection automatically.

5. Once the dehumidifier is successfully connected, the WiFi indicator will stop flashing and remain lit up. You can now monitor and operate the dehumidifier using mobile app.

Maintenance

- **Water tank** – Empty regularly and before storage.
- **HEPA filter** – Replace every 6–12 months depending on use/environment. Reminder appears after 2,160 hours.
- **Pre-filter** – Clean every 2 weeks. Ensure completely dry before reinstalling.
- **Exterior** – Wipe with a soft, damp cloth. Do not immerse in water.

Before storing

1. Switch off the unit, wait for the fan to stop, then unplug the power cord from the electrical outlet.
2. Clean and dry the water tank. Leave the unit to drain for approximately one day.
3. Clean the filter and the unit. Cover the unit to prevent it from gathering dust.
4. Store the unit upright in a cool dry place. Do not expose it to direct sunlight.
5. Store the unit in a well-ventilated area larger than 7 square meters that does not have continuously operating sources such as open flames, operating gas appliances or operating electric heaters.

Troubleshooting

The following conditions are normal:

- The compressor will stop or rest for 3 minutes every time the unit shuts down or is plugged into the electrical outlet. This helps ensure a smooth start for the dehumidifier.
- The unit works within room temperature of about 5~35°C. It may stop operation when the room temperature is out of this range or when the air inlet or outlet is covered.
- The unit could increase the room temperature by 1~3°C

If your dehumidifier is not operating as expected, please check the following solutions first:

Problem	Possible cause	Solution
Dehumidifier not operating	No power supply	Check power connection
	Water tank full, removed, or not positioned correctly	Empty and refit the water tank
	Incorrect humidity setting	Adjust humidity to a lower level
Poor dehumidification	Doors or windows open	Close all doors and windows
	Dirty or clogged filters	Clean or replace filters
	Room temperature too low (<5°C)	Use only within 5–35°C
Unusal noise	Unit placed on uneven or unstable surface	Move unit to a flat, stable surface
	Dirty or clogged filters	Clean filters
Indicator shows P1	Frost detected at low temperature	Unit is in Auto Defrost mode. Wait for normal operation to resume
Indicator shows P2	Water tank full, removed, or misaligned	Empty and refit tank correctly

“Lo” displayed	Humidity \leq 30% RH	Normal function. Compressor stops until humidity rises above 32% RH
“Hi” displayed	Humidity \geq 91% RH	Normal function. Compressor runs until humidity drops below 90% RH

Error codes

If any error code below appears on the display, please contact Ionmax Support for assistance.

Error code	Possible Cause
E1	Humidity sensor error
E2	Temperature sensor error
E3	Refrigerant leakage or system fault

Please contact Ionmax support if any problem persists. Do not try to repair the unit yourself, as this could cause an electrical shock and void your warranty.

Warranty Details

Congratulations on your purchase! It is our aim to provide you with quality products that you can trust. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The Guarantee

The product is guaranteed to be free from defects in workmanship and parts for a period of 24 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion, solely at our option with no charge for parts and labour. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Trade Practices Act and similar state laws.

Proof of Purchase

This warranty is valid for the original purchase and is not transferable. Please keep your purchase docket or receipt as proof of purchase and as proof of date on which the purchase was made. The purchase docket (or a copy) or receipt must be presented with the warranty when making a claim under this warranty.

Service during the Warranty Period

To claim for warranty, contact us on 1300 800 200 or support@andatech.com.au to get an RA# (Return Authorisation Number) or submit a support ticket on my.andatech.com.au. Ensure that the RA# is clearly stated on the outside of the packaging and that the product is properly packaged so that no damage occurs to the product during transit. Shipping of the product back to us for warranty will be at your cost. A product return without the RA# will not be accepted.

Extent of Warranty

This warranty is limited to defects in workmanship or parts. All defective products or parts will be repaired or replaced. This warranty does not cover manuals and packaging.

Normal Wear and Tear

This warranty does not cover normal wear and tear to the product or parts.

Exclusions

This warranty does not cover:

- Any defect caused by an accident, misuse, abuse, improper operation, lack of reasonable care, unauthorised modification, loss of parts, tampering or attempted repair by a person not authorised by the distributor.
- Any product that has been damaged by a lightning strike either directly or indirectly or a main power surge or liquid ingress.
- The product if it is located outside of Australia.
- Any damage caused by improper power input or improper cable connection.

Warranty Registration

Register your Ionmax Rhine Pro online at my.andatech.com.au with a copy of your proof of purchase. Contact us at **1300 800 200** or visit ionmax.com.au for options to extend your warranty.