

ionmax

ION622

COMPRESSOR DEHUMIDIFIER



User Manual

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

Please read the instructions carefully before using and keep 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.

IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE OPERATING.

WARNING - 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 person or property.

When using electrical appliances, basic safety precautions should always be followed:

1. Do not operate the unit with a damaged cord or plug, after it malfunctions or has been dropped or damaged in any way. Return to an authorised service facility for examination and repair.
2. This unit should always be kept in an upright position to avoid any damage. Place the unit on a flat stable surface.
3. Check the household voltage to ensure it matches the unit's rated specification before operating.
4. Operate this unit in an ambient temperature between 5°C and 35°C.
5. Ensure that the air inlets and outlets are not blocked or covered.
6. Do not place the unit too close to curtains or other objects - min 40cm.
7. When using the dehumidifier to speed up the drying of wet clothes in the room, please keep the clothing at a safe distance from the unit to prevent water from dripping onto the unit.
8. Never place anything on top of the unit and do not cover with any kind of material while in use.
9. This product is intended for domestic and light office use **ONLY** and not for commercial, industrial or outdoor use.
10. To protect against electrical shocks, do not immerse unit, plug or cord in water, or spray with liquids.
11. Never unplug the power cord without pressing the "ON/OFF" button to switch it off first, as this could damage the unit.
12. Always unplug the unit when not in use or moving location. To disconnect from the power supply, grip the plug and pull from the power socket. Never pull by the cord.
13. Always empty the water tank before storing the unit away.
14. Close supervision is necessary when any appliance is used by or near children and pets.
15. 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.
16. Never operate or store the unit in direct sunlight.
17. 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.
18. 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.
19. Do not use the unit without the air filter.

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.

SAVE AND READ THESE IMPORTANT SAFETY INSTRUCTIONS

FEATURES

- **Compressor dehumidifier** - uses CFC-free R134a refrigerant
- **Environmentally friendly** - no harmful gases and quiet in operation
- **Moisture removal** - 12 litres/day (30°C RH80%)
- **Water tank capacity** - 1.8 litres
- **Humidity level control** - from 40 to 70%RH or continuously
- **Up to 24 hour timer** - for added convenience
- **Temperature range for use** ~ 5°C - 35°C
- **Large, ergonomic carry handle and castor wheels for easy portability**
- **Removable water tank**
- **Auto pause and restart function to save energy**
Pauses dehumidification once the desired humidity level has been reached and restarts on previous settings if the humidity level increases.
- **LCD backlight dimming** - 5 levels
- **Washable pre-filter**
Removes large particles such as dust and hair from dehumidified air.
- **Continuous drainage option**

SPECIFICATIONS

Model: Ionmax Ion622

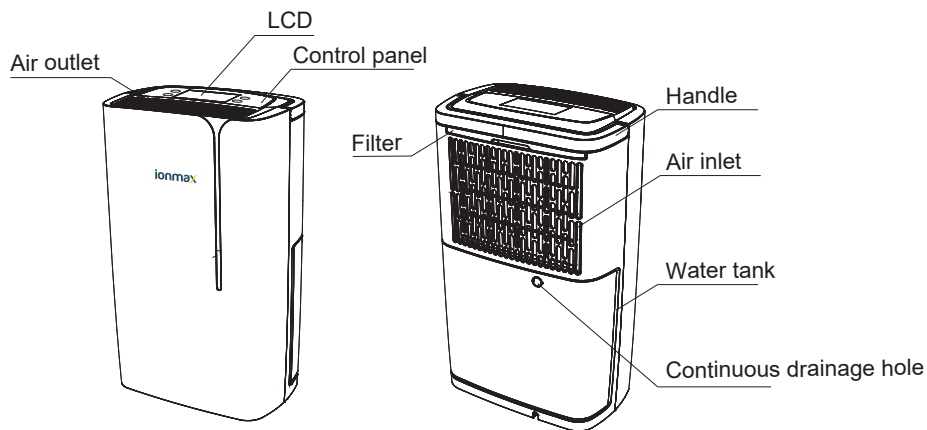
Voltage: 220-240V ~ 50Hz

Power consumption: 230W (30°C, 80%RH)

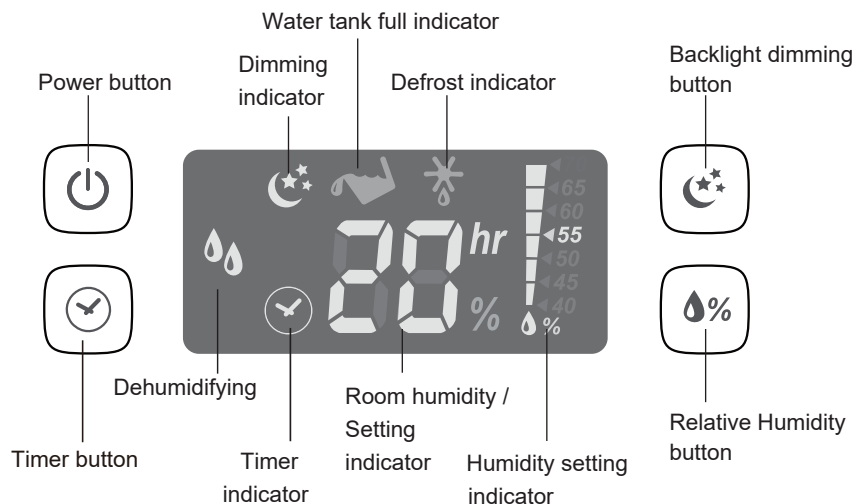
Net weight: 9.9kg


Dimensions (W x D x H): 278mm x 180mm x 465mm


PRODUCT DESCRIPTION





THE CONTROL PANEL




 Displays only when timer is set

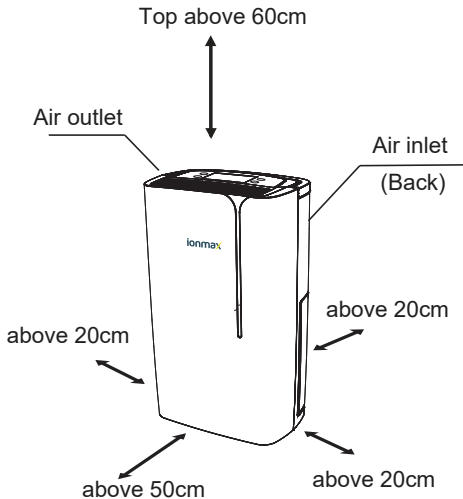
 Displays when LCD backlight is dimmed

 Dehumidifying mode

 Blinks when defrosting

 Blinks when water tank is full

UNIT SETUP



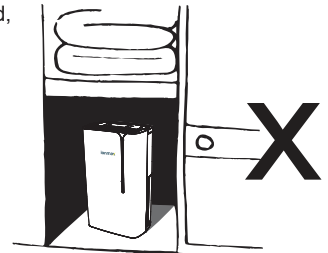
- Place the unit in an upright position on a stable, level surface. (Please ensure unit is not sitting on its own cable)
- Please ensure the unit is a safe distance away from walls and furniture (see image on the left).
- Please keep clothes at a safe distance of 60cm from air outlet of the unit to prevent water dripping into the unit.
- 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.



CAUTION: Do not place the dehumidifier in a broom cupboard, boiler room, small unventilated rooms etc. Avoid placing the dehumidifier in small confined areas or in close proximity to a radiator or heat source such as tumble driers and cookers to prevent the dehumidifier from overheating.



Do not use this dehumidifier in dusty or industrial environments where particles can get into the dehumidifier. This will cause a malfunction and void your warranty.




TO OPERATE SAFELY

Do not insert small objects into the unit as this will damage it and cause a hazard

Maintain safe clearance space as shown in Unit Setup above



Ensure water tank is fitted correctly. If the tank is full or not in place, the  indicator will blink and the machine will stop operating.

Do not attempt to remove the water tank while unit is in operation to prevent water leakage.

OPERATING INSTRUCTIONS



■ ON and OFF

Connect the power plug to the appropriate electrical outlet.

Press the ON / OFF button to turn the appliance ON.


The LCD panel will light up.

If the unit has been switched off and on again, it will resume operation with the settings for mode, humidity and backlight from its last use. Only the timer setting will be reset to zero.

If the power is restored after a power failure, the unit (including the timer) will resume operation at the settings that were selected prior to the power failure.


To switch off the unit, press the ON / OFF button first before unplugging the power plug from the electrical outlet.

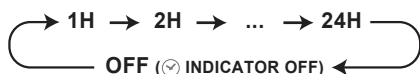
■ TIMER MODE

Press to set timer from 1 to 24 hours or off (the  indicator will switch off).

After setting the timer, the indicator and digits on the LCD panel will blink for 5 seconds and then return to display the room humidity level.

The  indicator lights up only when the timer has been set.

Press the  button once to check the time remaining.



OPERATING INSTRUCTIONS

RELATIVE HUMIDITY

Press to set your desired humidity level from 40% to 70% RH (at 5% increments) or CO (continuous mode).

For example, if 50% RH is selected, the unit will operate and dehumidification will occur when the room humidity level is detected at above 50% RH.

After setting the desired humidity level, the indicator and digits on the LCD panel will blink for 5 seconds and then return to display the room humidity level.



HUMIDITY LEVEL	RECOMMENDATIONS
> 60%	Maintain the room at a comfortable indoor humidity level
50%	Inhibit mould and bacteria growth For daily normal household use to maintain humidity at a healthy level of 55%RH (Bacteria and mould will not breed at this level).
40%	Super dry mode to prevent condensation To control a very damp room in the first couple of days. Then, switch to 50% or 60% to save energy.
Continuous	Suitable in winter to dry clothes faster The unit continues to dehumidify regardless of the humidity level (unless the water tank is full). We recommend operating this mode along with a timer setting to save energy.

Note:

- RH indicated has a $\pm 10\%$ RH tolerance and may vary depending on room temperature.
- Once the desired humidity level is reached, the unit will pause dehumidification to save energy (see next page on auto pause and restart function).

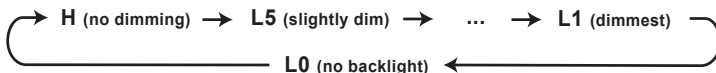
OPERATING INSTRUCTIONS

LCD BACKLIGHT DIMMING



Press to change backlight from H (no dimming), L5 (slightly dim) to L1 (dimpest) or L0 (no backlight).

The  indicator lights up only when the unit has been set between L0 and L5.




AUTO PAUSE AND RESTART FUNCTION

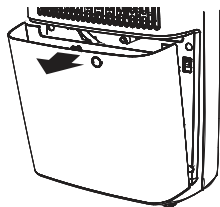
Once the desired humidity level is reached, the unit will pause dehumidification for 60 minutes (LCD panel will display “**PA**”). After 60 minutes, the unit will run on fan mode (LCD panel will display “**FA**”) for 5 minutes to monitor the room humidity level.

If the room humidity level increases by 5% or more during the pause “**PA**” or fan “**FA**” mode, the unit will start dehumidifying again.

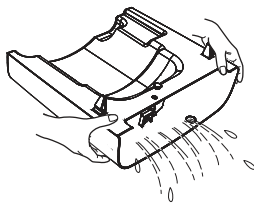
If the room humidity level does not increase, the unit will repeat the 60-minute pause “**PA**” and 5-minute fan “**FA**” cycle.

EMPTYING THE WATER TANK

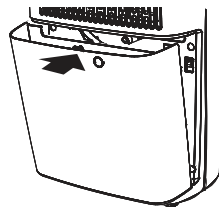
1. When the water tank is full, the  indicator light blinks and the unit will stop operating.
2. Do not move the unit or remove the water tank if the machine is still operating as water may leak, damage the unit or cause an electric shock.
3. To remove the water tank, pull it out by gripping the sides of the water tank and lifting it carefully.
4. Pour the water away, clean the water tank and install the water tank back into the unit.



A Pull water tank out




B Pour the water contents



C Reinstall the water tank

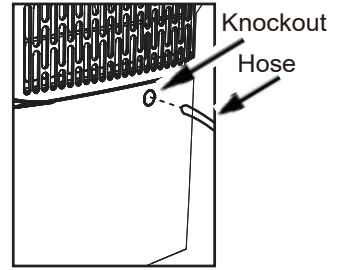
NOTE:

- Clean the water tank with clean water if needed. Do not use detergent, solvents, abrasives or hot water to avoid damage to the appliance.
- Do not remove or damage the float in the water tank; the unit will not work correctly.
- The  indicator light blinks if the water tank is not positioned correctly.

CONTINUOUS DRAINAGE OPTION

A hose with an inner diameter of 12mm can be connected for continuous drainage:

1. Use a screwdriver to remove the knockout at the back (on the tank).
Attach the hose to the connector through the hole.
2. The hose must lead to an appropriate drain at a downward slope with no sharp bends.

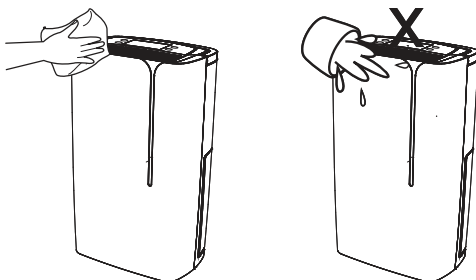


Note:

1. Ensure the water tank is well fitted in position before inserting the hose.
2. Before removing the water tank, ensure the hose is disconnected.

Cleaning the unit

1. Turn off the unit, wait for the fan to stop and unplug from the electrical outlet.
2. Clean the casing using a soft damp cloth with warm water and mild detergent.
Do not use solvents or abrasive materials.
3. Dry thoroughly with a soft dry cloth after cleaning.
4. In order to avoid damage, do not wash the machine with water or let water drip into the air inlet or outlet.



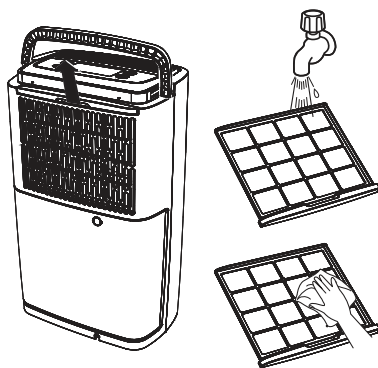
Cleaning the filter

If the filter is covered with dust, the airflow and the performance of the unit will be affected. Check the filter periodically to ensure any dust is removed (It is recommended to check and clean the air filter every month or at an appropriate frequency depending on your usage and air environment).

1. Turn the appliance OFF and ensure the plug is removed from the electrical outlet.
2. Remove the filter located at the back of the appliance.
3. Wash and wipe the filter gently.
4. Leave the filter to dry completely.
5. Restore the filter into the appliance.



CAUTION: Never run the unit without the filter. Dust build up in the unit can cause malfunction and overheating.



Before storing



1. Turn off the unit and unplug 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.
Store upright in a cool dry place.
4. Do not expose to direct sunlight.

TROUBLESHOOTING

The following conditions are normal:

1. The compressor will stop or rest for 3 minutes every time the unit shuts down or is plugged in to the electrical outlet. This helps ensure a smooth start for the dehumidifier.
2. 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.
3. The unit could increase the room temperature by 1 ~ 3°C.

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

Problem	Possible Causes	What to Do
Dehumidifier not operating	The unit is unplugged	Make sure the plug is pushed completely into the electrical outlet.
	The water tank is full or not in place (the  indicator is blinking)	Empty the water tank, check that the float is in position, and reinstall the water tank.
	The unit is defrosting (the  indicator is blinking)	This is normal. The unit will restart its operation after it has finished defrosting.
Very little water is collected	The room humidity has reached the setting	This is normal. Choose a lower relative humidity setting (e.g. 40%RH) for drier air.
	The ambient temperature is too low (the unit is defrosting often)	This is normal if the temperature is low.
	The ambient temperature is too high that it causes overheating	Do not use the unit in small and closed spaces where heat may accumulate. Move the unit to a cooler place and wait at least 10 minutes before resuming operation.
	Air filter is dirty	Clean the filter.
	The air inlet or outlet is covered	Ensure nothing is obstructing the unit's air inlets and outlets and that the unit is set up correctly according to the Unit Setup guide.
Leaking	The unit is not level	Ensure that the unit is placed on a level surface and not accidentally sitting on a cable etc.
	The drainage is clogged or loose	Check the drainage hose and its connection.
Unit is noisy	Unit is not on a flat and level surface	Move and restart the unit.
	Air filter is dirty	Clean the filter.

Please contact your retailer if any problem continues. Do not try to repair the unit yourself, as 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 products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or a refund for a major failure and for 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 12 months from date of purchase for domestic use and 3 months for commercial use. 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

Please ensure that the RA# (Return Authorisation Number) is clearly stated on the outside of the packaging. Don't have one? Call us on 1300 800 200 and we'll get you one. Please ensure the product is properly packaged so as to ensure that no damage occurs to the product during transit.

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 mains 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.

Andatech Pty. Ltd.

PO BOX 3038 Nunawading VIC 3131

Phone: 1300 800 200 Fax: 1300 883 802 Email: support@andatech.com.au

WARRANTY REGISTRATION

Register your Ionmax Ion622 online at **my.andatech.com.au**

Alternatively, fill out this form and forward to the address below
with a copy of your proof of purchase.

Andatech Pty Ltd
PO Box 3038, Nunawading VIC 3131, Australia.

Product : **Ionmax Ion622**

Date of Purchase : _____

Place of Purchase : _____

Serial No. : _____

Surname : _____

Given Name : _____

Address : _____

Suburb : _____

Postcode : _____

State : _____

Contact No. : _____

Email : _____

