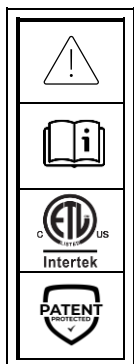
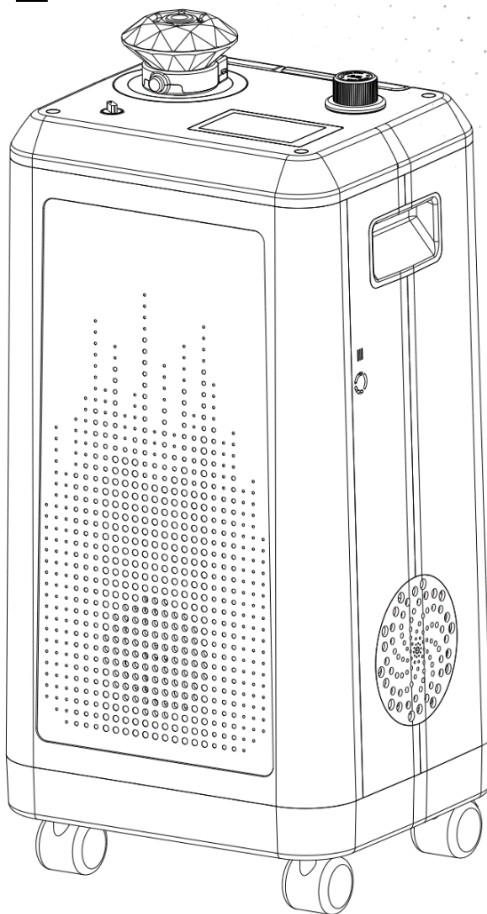




Clean Air for Life with Innova NanoJet Technologies

INSTALLATION, OPERATION, AND MAINTENANCE

CDa Model-H



CAUTION: Read the instructions before using the product.

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PACKAGE CONTENTS

- 1 x CDa Model-H
- 1 x Quick Start Guide including Manual downloaded link on website
- 1 x Collapsible Funnel
- 1 x AAA battery

INNOVA NANOJET TECHNOLOGIES LTD

Congratulations on your purchase of CDa Model-H!

Innova NanoJet Technologies Limited (INJT) specializes in ultra-fine spray systems for fast indoor air cleaning for homes and commercial uses.

Our products offer unique advanced NanoJet technology to generate a large number of nano-sized droplets at high flowrates and with low operating pressures. In comparison to other existing technologies, INJT dedicated spray systems are highly efficient for airborne pollutant removal, dust, and smoke suppression. This is due to the significant effectiveness of the large nano-sized droplet clouds generated that trap and envelop a large range of nano-/micro-sized contaminants and viruses.



CDa is a portable device designed to ensure a healthy, clean, and safe indoor environment.

This user manual will guide you through the setup, operation, and maintenance of your device, ensuring optimal performance and a healthier living environment.

Additional features of this product include:

- Electronic control with an LCD display
- NanoJet Technology
- Easy to Use
- Rapid Removal
- Temperature and Humidity Monitoring
- Portable

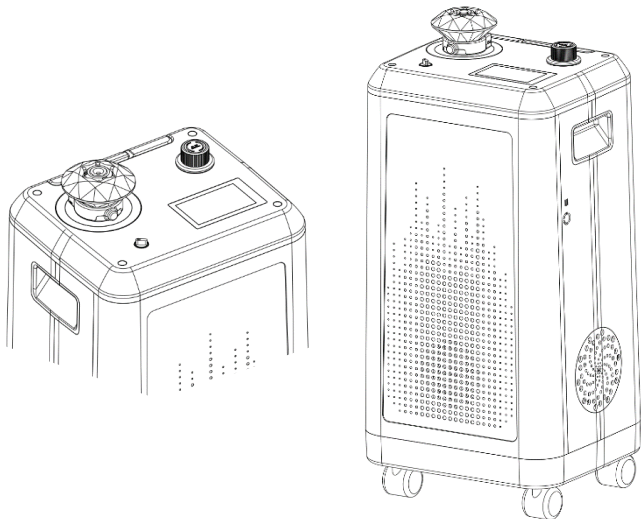
This manual contains essential information on the maintenance and operation of CDa Model-H. **Save This Manual for Future Reference.**

Manual Updates

Check for manual updates on the Innova NanoJet Technologies Ltd website: www.Innova-NanoJet.co.uk.

PRODUCT SPECIFICATIONS

CDa Model-H



Electrical

Power Supply	120V (~60Hz)
---------------------	--------------

Rated Power	700W
--------------------	------

Physical

Physical Dimensions Incl. Wheels and NanoJet	345 x 300 x 740 mm (13.6"*11.8"*29.1")
---	---

Physical Dimensions w/out Wheels and NanoJet	345 x 300 x 620 mm (13.6"*11.8"*24.4")
---	---

Hose Usable Length	1.5m (59")
---------------------------	------------

Hose Diameter (Outer)	12mm (0.47")
------------------------------	--------------

Tank Capacity	1.5L (0.3 gal)
----------------------	----------------

Product Total Weight	20.7kg (45.6lb)
-----------------------------	-----------------

Shipping Weight	23.3kg (51.4lb)
------------------------	-----------------

Environmental

Noise Level (1m distance)	~ 80dB
----------------------------------	--------

Indoor Environmental Temperature for Operation	40F/4°C to 95F/35°C
---	---------------------

Max Operating Humidity	<85% (No Condensation)
-------------------------------	------------------------

SAFETY SYMBOLS



Read the instruction manual.



Electrical Hazard: Indicates an electrical hazard which could result in injury or death.



Danger: Indicates a hazard which could result in personal injury or substantial damage to the product or other property.



Warning: Indicates a hazard which could result in personal injury or damage to the product or other property.



Caution: Indicates a potential hazard which could result in personal injury or damage to the product or other property.



Trip Hazard: Indicates a potential trip hazard which could result in personal injury.



Switch off and Disconnect Product: Product should be switched off and disconnected before assembly, cleaning, maintenance, storage, and transportation.



Do not expose to rain or wet conditions.



WEEE Symbol: Waste electrical products should not be disposed of with household waste. Please recycle when possible.



SAFETY INFORMATION

To reduce the risk of fire, electric shock, or other injury, follow all safety guidelines and instructions.

Only use the product as described in this manual. The product should only be used by adults who follow the instruction given in this manual on how to safely operate the device and are well informed of the possible risks and dangers of improper use.



Warning:

- This product is designed for indoor use **only**, **do not** use this product outdoors and/or in temperatures out with the recommended range.
- **Do not** place the product on its side. Always keep upright.
- **Do not** place this product near high-temperature heat sources such as gas ovens or furnaces.
- Keep this device out of the reach of children and pets. Children and pets should be supervised to ensure they do not play with the product.
- **Do not** use dirty water or any liquid not recommended by Innova NanoJet Technologies. **Distilled water is preferred** to CDa. The following water meeting corresponding standards can also be used. Purified (pure) water meeting the definition from United States Environmental Protection Agency (EPA), U.S. Pharmacopeia (USP), or European Pharmacopoeia (Ph. Eur.). Deionized water meeting ISO 3696 or ASTM D1193-06 standard.
- Grip product tightly using the handles when carrying to avoid dropping or tipping over. It is recommended to use the transport using the extendable handle and wheels.
- **Do not** operate or store this product out with the recommended temperature range. Water or liquid could freeze within the product and cause damage.
- **Do not** attempt to move the product by pulling on the NanoJet, hose, or power cable. Using the transport handles is recommended.

- Before each use, and at regular intervals, check that all fasteners and components are secure; inspect for broken or worn parts.
- **Do not** sit on or place heavy objects on the product.
- **Do not** spray directly at any persons or pets. Keep at least 1 metre (3.5ft) away.
- **Do not** spray directly at any electric or electronic device. Keep at least 1 metre (3.5ft) away.
- **Do not** spray directly into a smoke detector. This device may cause false smoke/fire alarm.
- When LED light is on, **do not** point directly into the eyes.
- **Empty unit if product is not used for more than three days.**
- **Unplug the unit while performing cleaning surface.**



Caution:

- **Do not** place the product on an uneven surface.
- **Do not** remove any wheels to avoid instability and/or prevent air cooling of the product.
- **Do not** clean the unit with thinners, bleach, alcohol, acid, or an abrasive brush.
- **Do not** spray with boiling water.
- **Do not** block the airflow around the product.
- The use of any attachment not provided by Innova NanoJet for this product may risk fire, electric shock, or injury to the user.
- **Do not** overstretch the hose.
- **Do not** attempt to dismount or disassemble the NanoJet. The user is liable for damages caused by unauthorised dismounting and disassembly.
- **Only** use this product with distilled water, purified water, or deionized water meeting corresponding standards mentioned at the warning section. Use with any other liquid could damage the product and will void the warranty. .
- This appliance can be operated by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they are given

supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance should not be done by children.

- Turn off and unplug the appliance during filling and draining.
- Drain the water in the tank before long-term storage of the machine.



Electrical Hazard:



- Use the product with the supplied power cord only.
- If the power cord is damaged, **Do not** plug into an outlet, contact customer support.
- **Do not** over stretch or twist the power cord.
- Turn off and unplug the product before draining or performing general maintenance.
- **Do not** plug into an outlet if the plug or parts are wet.
- Do not plug into an unearthed outlet.



NanoJet Specific Warnings:

- **Do not** attempt to dismantle or tamper with the NanoJet – this could damage or destroy the product and void the warranty.
- **Do not** cover the NanoJet (Part No. 1 shown in Figure 1.1) while it is in use.
- **Do not** press the NanoJet against an object.
- For ceilings lower than 2.3m (7.5ft), **Do not** run for longer than 2 minutes towards the ceiling **in one Fixed Location**.

YOUR PRODUCT

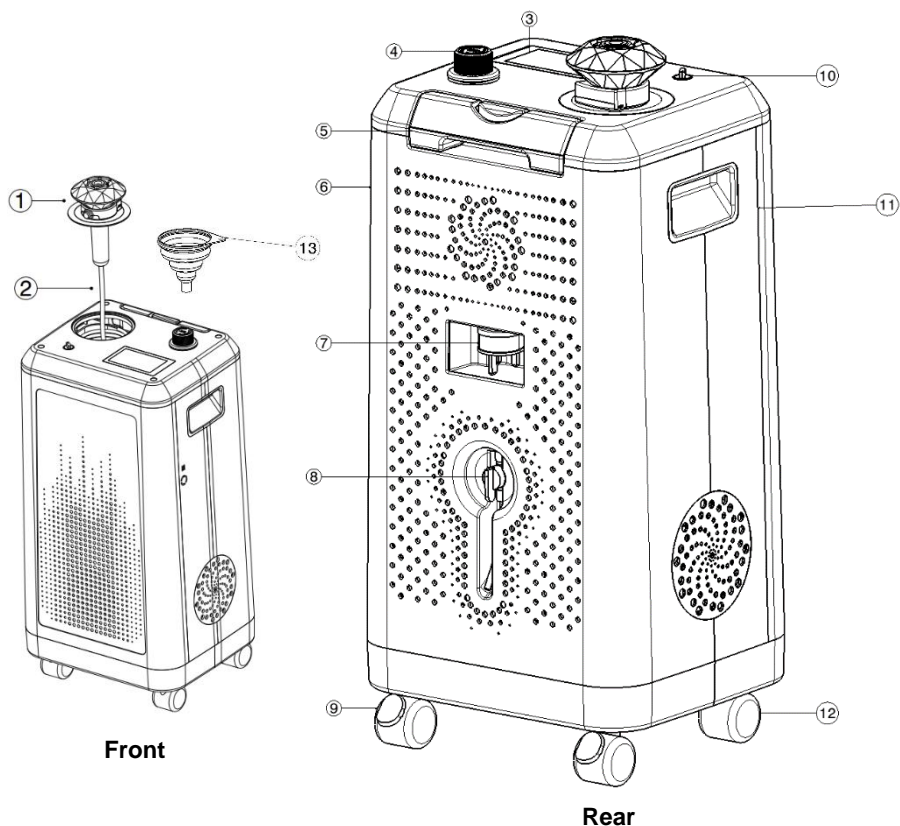


Figure 1.1

- | | |
|-------------------------------|-------------------------|
| 1. NanoJet | 7. Power Cable and Plug |
| 2. Hose (useable length 1.5m) | 8. Drainage Valve |
| 3. Touchscreen Display | 9. Wheel Lock (x4) |
| 4. Tank Cap | 10. On/Off Power Switch |
| 5. Extendable Handle | 11. Product Handle |
| 6. CDa Casing | 12. Product Wheels (x4) |
| | 13. Collapsible Funnel |

INSTALLATION



Trip Hazard: Install the power cord in a place that avoids accidental trips to prevent injury or damage to product.



Caution: Follow the recommended lifting method, the improper method of handling could cause back injury.

Inspection and Unpacking

Your product has been inspected and tested for quality assurance prior to shipment.

Unpack the product and remove all packaging. Carefully inspect the unit for damage that may have occurred during handling and shipping. Look for any dents to the outer casing, if any damage is found, contact the freight company immediately.

Before starting, check that the power cord is complete with no breaks or tears and that air flow to the front panel is not blocked.

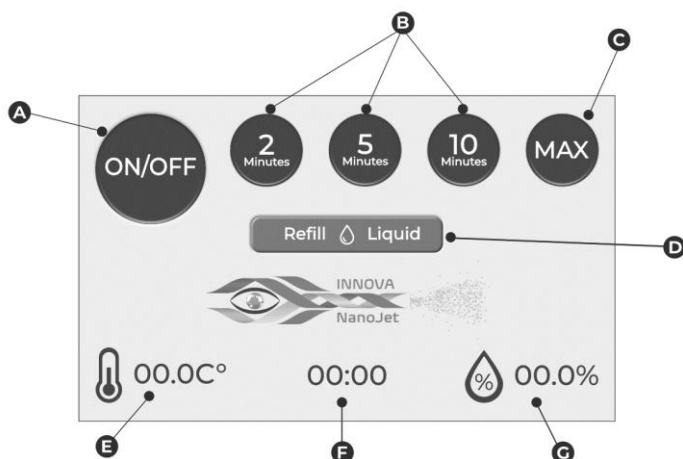


Caution: Do not leave this product uncovered and exposed to the outdoor elements at any time, this could cause damage and void the warranty.

1. Install the AAA battery provided into the NanoJet [following the instruction on page 18].
2. Connect the power cord to a wall outlet and turn the outlet on.
3. Turn the power-switch clockwise on the top of the product (Part No. 10 shown in Figure 1.1) to power it on, and the display screen will illuminate.

DEVICE OPERATION

Display Interface

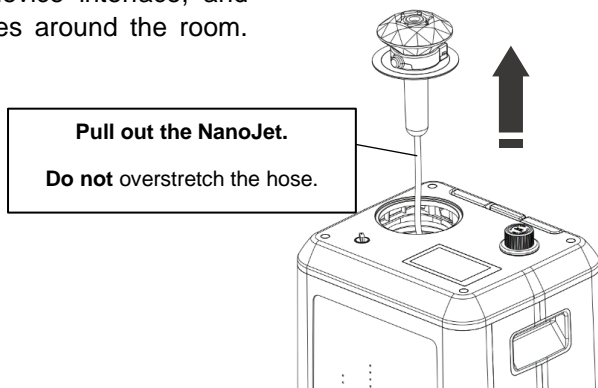


Item	Function
A. ON/OFF	Turns the machine on and off.
B. Timing Options	Runs the machine for a set time – 2, 5 or 10 minutes.
C. Maximum Run Time	Runs the product for the maximum amount of time (until the water runs out). Clears time countdown.
D. Refill water	Refill water warning – indicates when to refill the tank with distilled water or water meeting the requirements specified at the warning section.
E. Temperature Sensor	Indicates the environment temperature sensor reading.
F. Countdown timer	Indicates the remaining spraying time
G. Humidity Sensor	Indicates the environment humidity sensor reading.

Operation

1. Check if drainage valve is closed (horizontal). Remove the tank cap and fill up to 1.5 L (0.3 Gal) of distilled water or water meeting the requirements specified at the warning section.
2. Plug in the product to an outlet and turn on the power.
3. Turn the power switch clockwise as highlighted on the product upper face. Press the button on the NanoJet to illuminate the spray.
4. Choose application mode: Auto Spray Mode (recommended) or Handheld Spray Mode (optional).
5. **Auto Spray Mode (Recommended):** the NanoJet is kept in the top of the product and placed in the centre of the room (avoid placing under smoke detectors), push the time button to spray. When the auto mode is on, close the windows and doors. User may stay or leave the room. After timed spray is off, operator may move the unit to other rooms to use Auto Spray to clean entire home or premise. For more information, see optimal use guide. The spray time is room size related; 2-minute spray is suggested for a room of 20 square meters (200 square feet) or less, and a 5–10-minute spray for large rooms.
6. **Handheld Spray Mode (Optional):** Release the NanoJet from the top of the device by twisting the NanoJet counterclockwise, press the on button on the device interface, and distribute particles around the room.

[Figures 1.2]

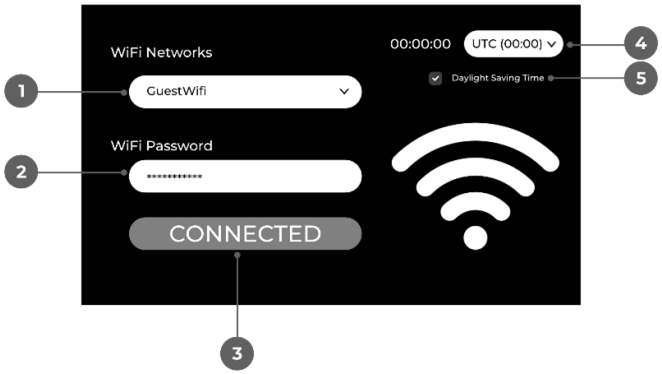


- 7. Operation environment range – Indoor use; can benefit multiple private and public areas, including but not limited to offices, stores, schools, hospitals, restaurants, and hotels.
- 8. When the display shows a low level of water, CDa will stop spraying after 2 minutes. Add 1.5L (0.3 gal) of distilled water or water meeting the requirements specified at the warning section to the tank using the funnel provided.

Wi-Fi Setting and Scheduler

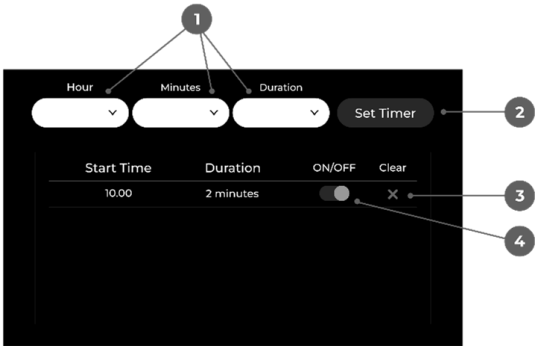
CDa provides the feature to schedule regular spraying times to optimise your experience.

Swipe the screen to the right to access the Wi-Fi setup screen.



Item	Function
1. Wi-Fi Network	Search for and select your Wi-Fi network.
2. Wi-Fi Password	Enter Wi-Fi Password
3. Connect	Press this button to connect.
4. Time Setting	Set to your time zone.
5. Daylight Saving Time	Select box for daylight saving time.

Once connected to Wi-Fi network and the correct time zone is set on the machine, swipe right again to access the scheduler screen. Use this to schedule CDa to turn on daily. If Wi-Fi is not connected with internet access Scheduler is disabled.



Item	Function
1. Schedule Time	Set the time for the scheduled spray and the duration it will operate for.
2. Set Timer	Press to add timer.
3. Turn On/Off Timer	Turns the timer on/off – press on/off at the top to turn all timers on or off.
4. Delete / Clear Timer	Deletes the timer – press clear at the top to delete all timers.

Innova NanoJet Technologies recommends setting CDa to turn on every 2-4 hours with a spray time of 2, 5, 10 minutes, or Max for different room sizes.

Transportation Handle

Step 1: Press the unlock button (1) on the transportation handle (2). Shown in Figure 1.3

Step 2: Move the transportation handle (1) to the required position.

Step 3: Ensure the handle is engaged properly and the lock-off button goes back to the original position.

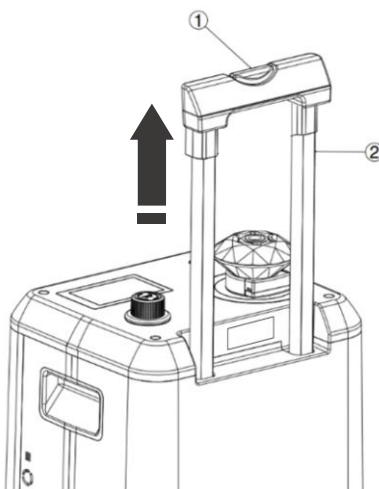


Figure 1.3

Locking Wheels

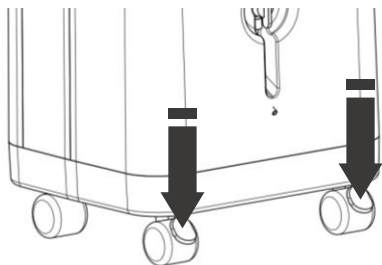


Figure 1.4

Step 1: Position product in place and press down on the locking mechanism on **both wheels**. Shown in Figure 1.4.

Step 2: To move the product again, disengage the mechanism by flicking the lock upwards.

Optimal Use Guide / Tips



Warning: Never sit the NanoJet head on the ground when not in use – always return to the holder on device, this prevents leaking.

Note: Close or cover all doors, windows, air vents and returns for optimal use.

CDa removes a range of pollutants from the air, for effective operation, the user must gently point the NanoJet around the room, making sure to point into each of the corners.

For a room of 20 square meters or 200 square feet or less, a 2-minute spray is recommended; for large rooms use the 5–10-minute spray setting.

We recommend spraying each room at least twice a day if the room is well ventilated. In normal use, a tank should last for 30-40 minutes of continuous use.

End of Operation

When the cleaning process is complete for the target room. First press the 'off' button on the LCD (see display interface section for button placement), then power off the device by turning the power switch.

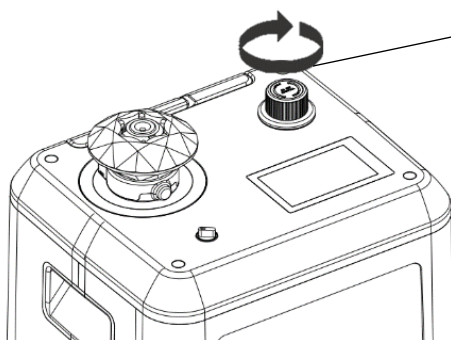
Completely drain the tank if you intend not to use it for more than three days. Use the drainage valve at the rear of the product to drain the tank completely and discard any unused water.

MAINTENANCE & REPLACEMENT PARTS

Maintenance

CDa Model-H is designed to operate with as little maintenance as possible. See 'Troubleshooting' section for further instructions.

Water should be added when 'refill water' is displayed on the interface, see note below. Typically, the full tank should last for around 40 minutes of continuous use. **Use the funnel provided.** Shown in Figure 2.1.



Unscrew lid and insert the funnel.

Fill with tank with 1.5L (0.3gal) of water.

Do not overfill the tank – this could cause issues in the system.

Figure 2.1

User maintenance the unit:

- **Drain the water tank if product is not used for three days.**
- Wipe the exterior of the product with a soft, clean, damp cloth.
- Clean the collapsable funnel before use with warm, soapy water – **Do not** use harsh chemicals such as bleach as these could contaminate the system.



Caution: Do not clean with alcohol, solvents, or other corrosive materials as this could be harmful to surfaces.

Replacement Parts

Replacement parts available from **Innova-NanoJet.co.uk**



Warning: Part replacement on this device should only be performed by a trained technician.



Caution: Unplug unit from the wall before starting the replacement or maintenance procedure.



Warning: Do not attempt to dismantle this product.

Battery Replacement

- Replace the AAA battery in the NanoJet by first removing the NanoJet from the machine as described previously. Shown in Figure 2.2.
- Next, Remove the LED crystal module from the NanoJet by twisting clockwise. Then slide the battery casing cover to remove and replace the battery.

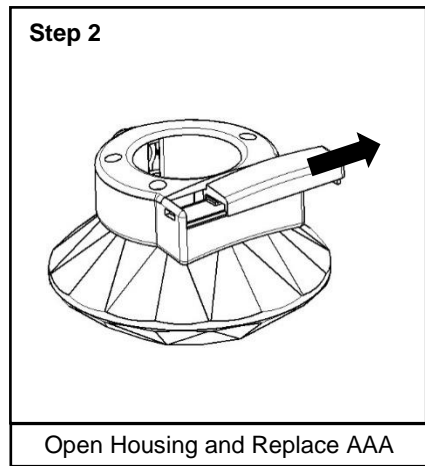
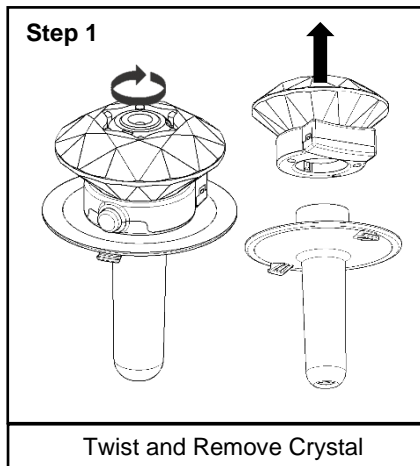


Figure 2.2

STORAGE

- Switch off the product and disconnect from the power supply.
- Store all components together to avoid accidental loss.
- Store the product in a dry, frost-free place. Do not store in an area with ambient temperature under 0°C (32F).
- Always store away from children and pets.
- Place on an even surface to avoid accidental tipping or damage.
- After a long time of non-use, thoroughly inspect the product before use.

TRANSPORTATION

- Switch off the product and disconnect from the power supply.
- Place on an even surface to avoid accidental tipping or damage.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- Secure the product to prevent it from slipping or tipping over.

WARRANTY REGISTRATION

- To obtain warranty coverage, please register your product within 15 days of purchase.
- Find your serial number (SN) on your machine shown in Figure 2.3.
- Visit our warranty registration page at **<https://innova-nanojet.co.uk/warranty-registration>**
- Enter your machine's serial number and upload a copy of your purchase receipt
-

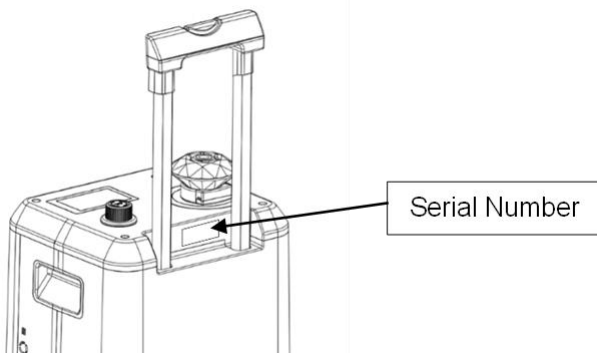


Figure 2.3

TROUBLESHOOTING



Warning: Only perform the steps described within this manual. All further maintenance and repair work must be performed by an engineer in one of the authorised service centres. If problems are persistent, contact Innova NanoJet Technologies for support.

Problem	Possible Route Cause	Corrective Action
1. UNIT IS NOT RESPONDING / DOES NOT START.	1.1 Main Power is off and CDa does not turn on.	1.1 Turn power on at the outlet and turn the power switch.
	1.2 Product is not plugged in properly.	1.2a Re-insert plug correctly. 1.2b Plug product into another outlet.
	1.3 Other Electrical Defect	1.3 Contact an authorised service centre.
	1.4 Power Cord is damaged.	1.4 Immediately stop use and contact an authorised service centre.
	1.5 Device has Overheated after a Long Period of Use.	1.5 The device has triggered the overheat sensor – wait for 30 minutes and restart the product. If problem persists, contact an authorised service centre.
	1.6 Product has been tipped over.	1.6 The tilt sensor within the device has been triggered, reposition upright, and restart the product. If problem persists, contact an authorised service centre.
	1.7 Compressor overloaded	1.7 Push reset breaker button where take out the NozzleJet on the top of the front aluminium plate. If still not working, return machine to vender.

2. UNEVEN OR POOR SPRAY	2.1 No or low water in the tank	2.1 Drain and refill tank to maximum (1.5L/0.3gal).
	2.2 Particles from dirty water in spray	Drain tank and Spray on empty for 10 seconds then refill tank.
3. EXCESSIVE NOISE OR VIBRATION	3.1 Uneven Surface	3.1 Place the device on a level surface.
	3.2 Screws or nuts loose	3.2 Contact an authorised service centre.
	3.3 Other machine Issues	3.3 Contact an authorised service centre.
4. ISSUES WITH DISPLAY SCREEN	4.1 Water or moisture on surface	4.1 Wipe surface with a dry, clean cloth and retry.
	4.2 Screen flashing low water, machine turns off and does not start.	4.2 Refill water to the specified level.
	4.3 Screen is not on (looks black and without backlight).	4.3 Contact an authorised service centre.
	4.4 Screen is on, but touch input is not responding and there is no water on the screen.	4.4 Power off and power on the machine. Contact an authorised service centre if problem persists.
	4.5 Power On/Off Switch turned clockwise, but Screen is NOT on.	4.5 Make sure the power plug is correctly inserted, and the socket is switched on.

5. WATER LEAKAGE	5.1 Observe water under/beside machine	5.1 Check drain valve is closed (Horizontal to ground). If still observe water leaking, then Unplug machine immediately and contact an authorised service centre.
	5.2 Overfilled tank	5.2 Unplug machine and use the tank drainage to dispose of some of the water (see product identification) and restart.
6. NO SPRAY	6.1 No water remaining in tank	6.1 Refill tank.
	6.2 Water in tank but continuous running for 5 mins without spray	6.2 Contact an authorised service centre.
7. NANOJET LED ISSUES	7.1 Flashing LEDs	7.1 Low Charge in Battery, Replace Battery on NanoJet.
	7.2 Dim LEDs	7.2 Low Charge in Battery, Replace Battery on NanoJet.
	7.3 No LED	7.3 No Charge Remaining in Battery, Replace Battery on NanoJet. If problem persists, Contact an Authorised Service Centre.
8. ONLY AIR IS SPRAYING	8.1 Only air is spraying with water in tank	8.1 Contact an Authorised Service Centre.

RECYCLING AND DISPOSAL



Waste electrical products should not be disposed of with household waste. Please recycle when possible. Consult your local authority for recycling advice.

Keep the product packaging until you are sure all parts have been delivered and the product is working correctly. Recycle packaging afterwards.



INNOVA NANOJET
TECHNOLOGIES LIMITED

WARRANTY INFORMATION

This product is warranted by Innova NanoJet Technologies Ltd to the purchaser of this product under proper use for 2 years from the date of purchase. Innova NanoJet will, at its expense, repair or replace any INJT machine which in normal use has proven defective, provided the customer returns the product within 2 years and gives INJT reasonable opportunity to inspect and verify the alleged defect.

In cases where repair or replacement is not feasible within a reasonable period, and only in accordance with local consumer protection laws, customers may be eligible for a refund or price reduction. The warranty does not cover accidental damage, neglect, misuse, misapplication, or unauthorized modifications to the product. Repairs made by anyone other than INJT or an authorized representative may void the warranty.

This warranty excludes parts subject to natural wear and consumable parts such as o-ring wear, wheels rubber wear and plastic wear etc.

Please note: Repair or replacement of the original defective product does not extend the original warranty period.

Legal Compliance and Customer Rights

For customers in the United States (US): This warranty is compliant with the Magnuson-Moss Warranty Act. All warranty terms are provided in clear and understandable language, and you are entitled to specific legal rights, which may vary from state to state.

www.Innova-NanoJet.co.uk

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