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- › [Vectorfog](#) /
- › [Vectorfog C150+ 110V Electric ULV Fogging Machine User Manual](#)

Vectorfog C150

Vectorfog C150+ 110V Electric ULV Fogging Machine User Manual

Model: C150



1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Vectorfog C150+ 110V Electric ULV Fogging Machine. Please read this manual thoroughly before operation and retain it for future reference. The C150+ is designed for ultra-low volume (ULV) fogging applications, suitable for dispensing disinfectants, insecticides, and odor neutralizers in various indoor and outdoor environments.



Image 1: Vectorfog C150+ Electric ULV Fogging Machine. This image shows the main unit with its grey body, white solution tank, and nozzle.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- Always wear appropriate personal protective equipment (PPE) including gloves, eye protection, and a respirator when operating the fogger and handling chemicals.
- Ensure the fogger is disconnected from the power supply before filling, cleaning, or performing any maintenance.
- Do not operate the fogger in wet conditions or expose it to rain.
- Use only recommended chemicals and follow their specific safety data sheets (SDS) and dilution instructions.
- Keep children and pets away from the operating area.
- Do not point the nozzle directly at people, animals, or electrical equipment.
- Avoid using flammable liquids in the fogger. This device is not designed for use with propane or other highly flammable substances.
- Supervise this product when being used.

3. PRODUCT OVERVIEW

The Vectorfog C150+ is an electric ULV fogger designed for efficient and wide-area application of various solutions. Key features include:

- **Ultra-Low Volume (ULV) Technology:** Produces fine mist droplets (5-50 microns) for optimal coverage and penetration.
- **High Flow Rate:** Up to 60 liters per hour, allowing for rapid treatment of large areas.
- **Large Tank Capacity:** 6-liter solution tank for extended operation without frequent refills.
- **Adjustable Droplet Size:** Control the mist particle size for different applications.
- **Patented Flow Technology:** Prevents chemical backflow when power is off, enhancing safety and preventing corrosion.



Image 2: Diagram illustrating key specifications of the C150+, including power (110V/220V), tank capacity (6 liters), dimensions (63 x 19.5 x 31 cm), flow rate (60 LPH), droplet size (5-50 microns), and net weight (4.5 kg).

4. SETUP

1. **Unpacking:** Carefully remove the fogger from its packaging. Inspect for any damage.
2. **Attach Shoulder Strap (if included):** Securely attach the provided shoulder strap to the designated attachment points on the fogger for easier portability.
3. **Prepare Solution:** Mix your chosen chemical solution according to the manufacturer's instructions. Ensure proper dilution ratios.
4. **Fill Tank:** Unscrew the tank cap and carefully pour the prepared solution into the 6-liter tank. Do not overfill. Securely close the tank cap.
5. **Connect Power:** Plug the fogger's power cord into a compatible 110V electrical outlet. Ensure the power switch is in the "OFF" position before plugging in.



Image 3: Close-up view of the Vectorfog C150+ showing the solution tank cap and the nozzle adjustment. A hand is shown near the power switch.

5. OPERATION

1. **Adjust Droplet Size:** Rotate the nozzle at the front of the unit to adjust the droplet size. A finer mist is suitable for disinfection and insecticide applications, while larger droplets may be used for other purposes. Refer to the chemical manufacturer's recommendations for optimal droplet size.
2. **Power On:** With the fogger pointed away from yourself and others, slide the power switch to the "LOW" or "HIGH" position to start the motor.
3. **Begin Fogging:** Direct the fogger nozzle towards the area to be treated. Move steadily to ensure even coverage. The C150+ can cover 100 sq meters in less than a minute with a spray distance of over 33 feet.
4. **Monitor Solution Level:** Periodically check the solution tank level. Refill as needed, ensuring the unit is powered off and unplugged before refilling.
5. **Power Off:** Once treatment is complete, slide the power switch to the "OFF" position.
6. **Post-Operation:** Disconnect the power cord from the outlet.



Image 4: The Vectorfog C150+ in action, showing a fine mist being emitted from the nozzle during operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Vectorfog C150+.

1. **Empty Tank:** After each use, empty any remaining solution from the tank.
2. **Rinse Tank:** Fill the tank with clean water and operate the fogger for a few minutes to flush out the internal lines and nozzle. This prevents chemical residue buildup.
3. **Clean Exterior:** Wipe down the exterior of the fogger with a damp cloth. Do not use abrasive cleaners or immerse the unit in water.
4. **Storage:** Store the fogger in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the tank is empty and clean before storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fogger does not turn on.	No power supply; faulty switch; motor issue.	Check power cord connection and outlet. Ensure switch is in "ON" position. If problem persists, contact customer support.
No mist or weak mist output.	Empty tank; clogged nozzle; pump issue.	Refill tank. Clean nozzle by rotating it or flushing with water. Ensure solution is not too viscous.
Leakage from the unit.	Loose tank cap; damaged seal; cracked tank.	Ensure tank cap is tightly secured. Inspect seals for damage. If tank is cracked, discontinue use and contact support.

8. SPECIFICATIONS

Feature	Detail
Model	C150
Power Supply	110V
Tank Capacity	6 Liters
Flow Rate	Up to 60 Liters per hour
Droplet Size	5-50 microns (adjustable)
Product Dimensions (L x W x H)	24.4 x 9.8 x 14.1 inches (63 x 19.5 x 31 cm)
Item Weight	11.8 pounds (4.5 kg)
Manufacturer	Vectornate USA

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Vectorfog customer service. Refer to the product packaging or the official Vectorfog website for the most current contact details.

Manufacturer: Vectornate USA

Website: www.vectorfog.com

10. ADDITIONAL RESOURCES

For more information on product applications and other Vectorfog products, visit the official Vectorfog store:

[Vectorfog Amazon Store](#)

The C150+ is suitable for various environments:



SCHOOL



HOTEL








OFFICE



HOSPITAL

Image 5: Collage showing the Vectorfog C150+ being used in different settings: a school classroom, a hotel room, an office space, and a hospital room, highlighting its versatility for disinfection.

<div data-bbox="118 98 311 344"><p>VECTORFOG[®]</p><p>USER MANUAL ULV FOGGER C20 C100+ C150+</p><p>© 2022 Vectorfog is a trademark of Nixalite Inc.</p></div>	<p>Vectorfog ULV Fogger C20, C100+, C150+ User Manual</p> <p>User manual for Vectorfog ULV Fogger models C20, C100+, and C150+. Provides essential information on safety precautions, product overview, operation, cleaning, main parts, technical specifications, and warranty details.</p>
<div data-bbox="118 546 311 792"><p>VECTORFOG[®]</p><p>INSTRUCTION MANUAL THERMAL FOGGER H100, H100SF, H200, H200SF</p><p>After fogging operations are completed, the fogger should be stored in a clean, dry, and secure location. Do not store the fogger in a location where it could be damaged by moisture, dust, or other environmental factors. The fogger should be stored in a location where it can be easily accessed for future use.</p><p>CAUTION: The fogger should be stored in a location where it can be easily accessed for future use. Do not store the fogger in a location where it could be damaged by moisture, dust, or other environmental factors. The fogger should be stored in a location where it can be easily accessed for future use.</p></div>	<p>VectorFog Thermal Fogger H100, H100SF, H200 & H200SF Instruction Manual</p> <p>Comprehensive instruction manual for VectorFog thermal foggers, covering operation, safety precautions, maintenance, and troubleshooting for models H100, H100SF, H200, and H200SF.</p>
<div data-bbox="118 860 311 1106"><p>VECTORFOG[®] ULV Cold Fogging</p><p>Model C100 - Big Power in a Compact and Light-weight Electric ULV Cold Fogger</p><p>With a powerful 1250W Samsung motor, adjustable droplet size, and a 3.8L tank, the C100 is ideal for pest control, disinfection, and odor elimination in indoor and outdoor environments. Manufactured by Nixalite of America Inc.</p></div>	<p>VectorFog C100 ULV Cold Fogger - Powerful Electric Fogging Solution</p> <p>Explore the VectorFog C100, a compact and powerful electric ULV cold fogger. Featuring a 1250W Samsung motor, adjustable droplet size, and a 3.8L tank, it's ideal for pest control, disinfection, and odor elimination in indoor and outdoor environments. Manufactured by Nixalite of America Inc.</p>
<div data-bbox="118 1151 311 1397"><p>H200SF-SS</p><p>High-grade stainless steel construction, highly corrosion-resistant, and provides years of durability.</p><p>Unique Dual Point™ inlet technology - easily swivel for on-board collection.</p><p>Specialty designed nozzle for enhanced dispersion.</p><p>Automatic start.</p></div>	<p>Vectorfog H200SF-SS Stainless Steel Fogger Technical Specifications</p> <p>Detailed specifications and features of the Vectorfog H200SF-SS stainless steel fogger. Learn about its high-grade construction, Dual Point™ technology, petrol power, and performance metrics.</p>
<div data-bbox="118 1453 311 1722"><p>SIRUI</p><p>C150/C150B/C300/C300B</p><p>User Manual</p></div>	<p>SIRUI C150/C150B/C300/C300B LED Monolight User Manual</p> <p>Comprehensive user manual for SIRUI C150, C150B, C300, and C300B LED monolights. Covers features, setup, operation, app control, DMX, specifications, and maintenance.</p>