

[Manuals.plus](#) /

› [Vectorfog](#) /

› H200SF-SS Portable Thermal Fogging Machine User Manual

Vectorfog H200SF-SS

H200SF-SS Portable Thermal Fogging Machine User Manual

VECTORFOG

Introduction

This manual provides comprehensive instructions for the safe and effective operation, maintenance, and troubleshooting of your Vectorfog H200SF-SS Portable Thermal Fogging Machine. Please read this manual thoroughly before operating the device to ensure proper usage and to prevent injury or damage.

The H200SF-SS is a versatile thermal fogger designed for commercial use, capable of dispensing both water-based and oil-based chemicals. Its robust stainless steel construction ensures durability and resistance to corrosive substances.

Important Safety Information

Always wear appropriate personal protective equipment (PPE) including gloves, eye protection, and a respirator when operating the fogger or handling chemicals. Ensure adequate ventilation in the operating area. Do not operate the machine near open flames or ignition sources. Keep out of reach of children and pets.

Refer to the chemical manufacturer's safety data sheet (SDS) for specific handling and disposal instructions for the solutions you are using.

Product Overview and Components

The Vectorfog H200SF-SS is engineered for efficient fogging applications. Familiarize yourself with the main components of the machine:

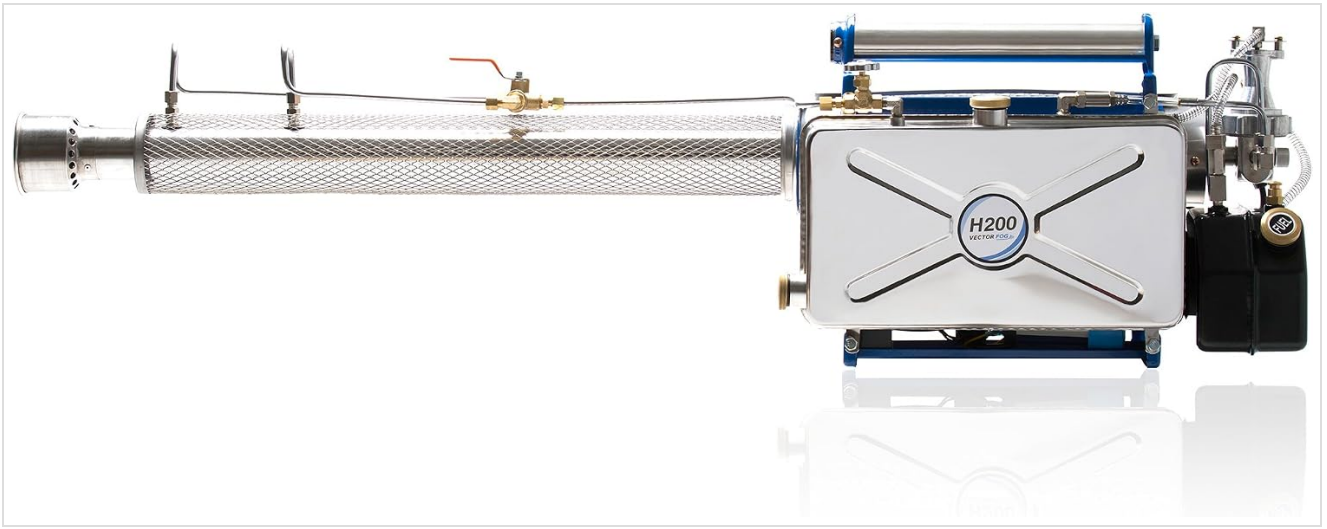


Figure 1: Side view of the H200SF-SS Portable Thermal Fogging Machine, showing the main body, fogging barrel, and handle.



Figure 2: Angled view of the H200SF-SS, highlighting the robust construction and control layout.

Key components include the stainless steel solution tank, the fogging barrel, the engine unit, and the dual inlet pipe system for different chemical types.

DUAL PURPOSE FOGGER WITH **TWO INLET PIPES**

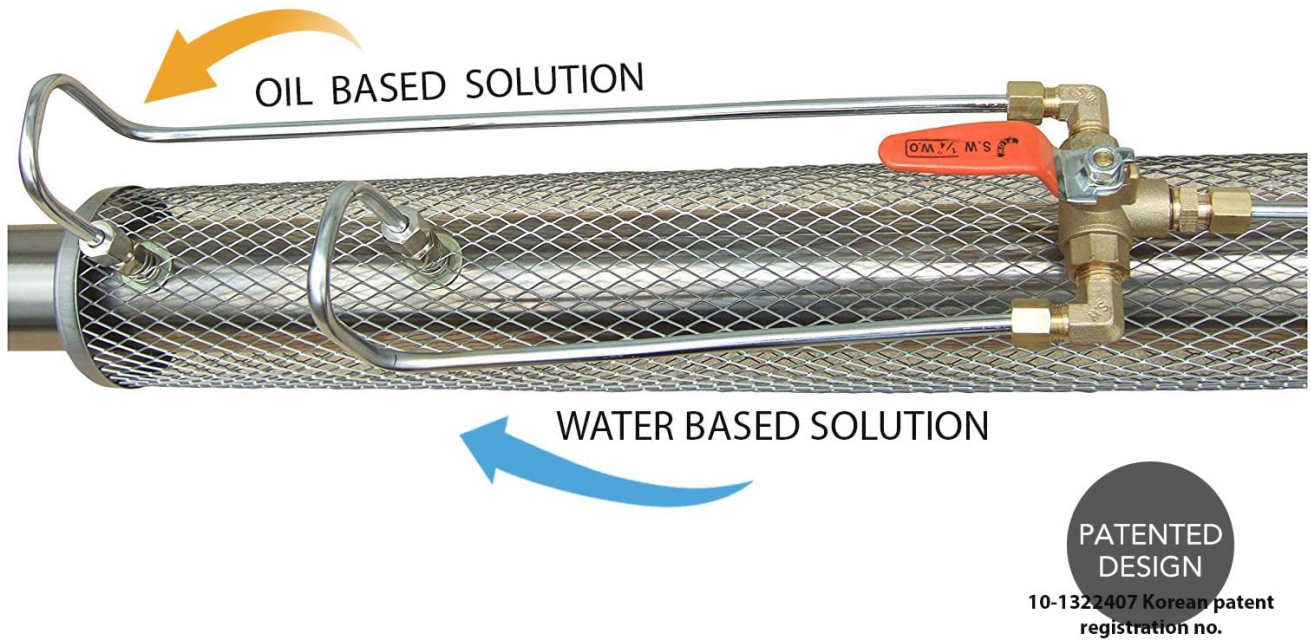


Figure 3: Detailed view of the dual inlet pipe system, allowing selection between oil-based and water-based solutions for fogging.



Figure 4: Close-up of the solution valve, which controls the flow of the chosen chemical into the fogging mechanism.

Setup

1. **Unpacking:** Carefully remove the fogger from its packaging. Inspect for any signs of damage during transit.
2. **Fueling:** Fill the fuel tank with the appropriate fuel type as specified by the manufacturer. Ensure the fuel cap is securely tightened.

3. Chemical Loading:

- Identify the correct inlet pipe for your chosen solution (oil-based or water-based) as shown in Figure 3.
- Carefully pour the desired chemical solution into the stainless steel tank. Do not overfill.
- Securely close the tank cap.

4. **Pre-Operation Check:** Before starting, ensure all connections are secure and there are no leaks.

Operating Instructions

1. Starting the Machine:

- Ensure the fuel valve is open.
- Engage the automatic starter according to the specific instructions on the device.
- Allow the machine to warm up for a few moments after starting.

2. **Selecting Solution Type:** Use the valve system (Figure 4) to select either the oil-based or water-based solution line, depending on the chemical being used.

3. **Initiating Fogging:** Once the machine is warmed up, open the solution valve to begin dispensing the fog.

4. **Application:** Direct the fogging barrel towards the target area. Maintain a steady pace to ensure even coverage.



Figure 5: Operator using the H200SF-SS in an outdoor environment, demonstrating the effective dispersion of fog.



Figure 6: The fogger in operation, illustrating its use in various settings for pest control or disinfection.

5. **Stopping the Machine:** Close the solution valve first, then turn off the engine according to the manufacturer's instructions. Allow the machine to cool down before handling.

Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your H200SF-SS fogger.

- **Cleaning After Each Use:**
 - Empty any remaining chemical solution from the tank.
 - Rinse the tank and lines with clean water or an appropriate cleaning agent compatible with the previously used chemical.
 - Run clean water through the fogging system for a short period to flush out residues.
- **Nozzle Inspection:** Regularly check the fogging nozzle for blockages or wear. Clean as necessary.
- **Fuel System Check:** Periodically inspect fuel lines and filters for clogs or damage.
- **Storage:** Store the fogger in a cool, dry, and well-ventilated area, away from direct sunlight and extreme temperatures. Ensure the tank is empty and clean before storage.

Troubleshooting

Problem	Possible Cause	Solution
Machine does not start	No fuel; Fuel valve closed; Spark plug issue; Starter malfunction.	Check fuel level; Open fuel valve; Inspect/replace spark plug; Contact service for starter repair.
No fog or weak fog output	Solution tank empty; Solution valve closed; Nozzle clogged; Solution lines blocked.	Refill tank; Open valve; Clean nozzle; Clear lines.
Uneven fogging	Partial nozzle blockage; Inconsistent chemical flow.	Clean nozzle thoroughly; Check for kinks in solution lines.
Excessive smoke/odor	Incorrect fuel/oil mixture; Engine issue.	Verify fuel mixture; Consult a qualified technician.

If you encounter issues not listed here, or if the suggested solutions do not resolve the problem, please contact Vectorfog customer support.

Specifications

- **Model:** H200SF-SS
- **Brand:** Vectorfog
- **Product Dimensions:** 53 x 11 x 15 inches

- **Item Weight:** 36 pounds
- **Tank Material:** High-grade Stainless Steel
- **Flow Rate:** 50 LPH (13.2 GPH)
- **Chemical Compatibility:** Water-based and Oil-based solutions

Warranty and Support

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Vectorfog website. For technical support, spare parts, or service inquiries, please contact Vectorfog customer service directly.

Vectorfog Contact Information:

- *Please refer to your product packaging or the official Vectorfog website for the most current contact details.*