



NEUTRAFOG®

Neutrafog

Configuration Guide

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Welcome to the Neutrafog Configuration Guide

This comprehensive process is essential for the initial setup of your NeutraFog device - the ultimate solution for greenhouse pest control, designed to deliver unparalleled precision and coverage.

Engineered with advanced technology, your NeutraFog unit disperses Integrated Pest Management (IPM) solutions in a fine, consistent mist, ensuring every corner of your greenhouse is treated. This ensures comprehensive protection against pests while promoting the health and vitality of your crops.

This user manual will guide you through the necessary steps to get your NeutraFogger up and running, allowing you to experience the difference of a greenhouse perfected with the power and innovation of NeutraFog.

What you'll need

Screwdriver

For accessing internal components

Ethernet

Provided with your NeutraFog unit

Windows 10 + PC

Home computer or laptop with Ethernet port

NeutraFog Device

Your advanced IPM delivery system

NeutraCloud Config Utility

Available on the client portal

Wi-Fi Network / Ethernet

2.4 GHz band with strong coverage

Initial Setup

Your **NeutraFog unit** represents the cutting edge in IPM technology. Follow these steps carefully to ensure proper configuration:

1. Prepare Your Connection:

Connect the Ethernet cable to your computer, leaving the other end disconnected for now.

2. Software Preparation

Ensure you have downloaded the NeutraCloud board configuration program from the client portal.

3. Wi-Fi Assessment

Verify that your Wi-Fi coverage is strong enough to cover the entire grow area or the specific section where you'll be using the NeutraFogger. Remember, the Wi-Fi connection must operate on a 2.4 GHz band.

4. Access the Internal Components

Carefully lay the NeutraFog and remove: unit on its back and remove

4. A The large cover (secured by 4 screws)

4. B The fluid side panel (secured by 4 screws)

5. Jumper Configuration

Locate the jumper at the top right of the PC board, labeled P3. Remove this jumper and place it on the JP2 prongs located on the Wi-Fi board at the bottom of the PC board.

6. Network Configuration

On your computer, configure the Ethernet connection with the following static IP settings:

6. A IP Address: 192.168.2.10

6. B Subnet Mask: 255.255.255.0

6. C Default Gateway: 192.168.2.1

7. Hardware Connection

Connect the Ethernet cable to the Wi-Fi board on the NeutraFog unit.

8. Power Connection

Plug in the NeutraFog unit and connect to a power source. You should observe green and orange lights flashing on the Wi-Fi board Ethernet connector, indicating successful communication between the device and your computer.

Connecting to Neutrafog Configuration

The **NeutraCloud** config utility provides comprehensive control over your NeutraFog unit, enabling precision management of your greenhouse environment:

1. Launch the Program

Open the NeutraCloud board program on your computer.

2. Establish Connection

Once the device is detected, select "Connect" and then "Read".

3. Authorization

Enter the authorization key located on the back of your NeutraFog unit.

4. Wi-Fi Configuration

In the Settings menu, configure the Wi-Fi connection:

- 4. A Enable Wi-Fi functionality
- 4. B Enter your network SSID
- 4. C Enter your network password

Click "Save" and confirm the changes when prompted.

5. Save Configuration

6. Disconnect Hardware

Unplug the Ethernet cable and power off the NeutraFog unit.

7. Restore Jumper Position

Place the jumper back on the P3 prongs on the PC board.

8. Complete Portal Setup

Power on the NeutraFog unit and log in to the NeutraStorm online portal to complete the setup process.

Configuring the NeutraStorm Portal

The **NeutraStorm** portal offers advanced control and monitoring capabilities for your **NeutraFog** unit:

1. Account Access

Create an account or log in to the Neutra Storm portal using your credentials.

2. Device Registration

Add your new NeutraFog unit by selecting "Add New Device"

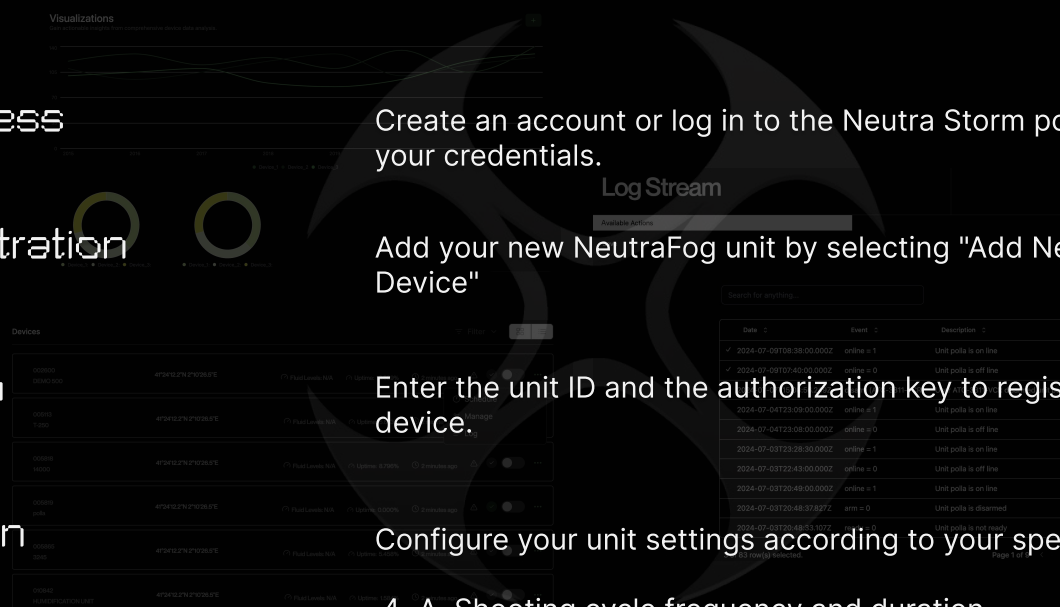
3. Authorization

Enter the unit ID and the authorization key to register your device.

4. Customization

Configure your unit settings according to your specific needs:

- 4. A Shooting cycle frequency and duration
- 4. B Notification thresholds and triggers
- 4. C Notification preferences and recipients



Troubleshooting & Maintenance

Regular maintenance ensures optimal performance of your Neutrafog System.

Common Indicators and Solutions

Flashing Red Light

Check fluid levels and system connections

No Lights

Verify power connection and backup battery

Irregular Mist Pattern

Clean nozzle according to maintenance schedule

Troubleshooting & Maintenance

Regular maintenance ensures optimal performance of your Neutrafog System.

Recommended Maintenance Schedule

Daily

Purge device with Neutra-Purge

Weekly

Check fluid levels

Monthly

Clean exterior and inspect connections

Quarterly

Full system inspection and nozzle cleaning

Congratulations.

Your NeutraFog unit is now configured and ready for use. Experience the difference of a greenhouse perfected with NeutraFog technology - delivering unparalleled precision, efficiency, and reliability for your growing environment.

For additional support or information about our advanced IPM systems, please visit neutrafog.com or contact our technical support team.

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