

Precision Fogging
Technology



NEUTRAFOG®

Neutrafog

Device Installation &
Maintenance Manual

- Hardware Setup • Installation
- Maintenance • Troubleshooting

Welcome to the Neutrafog Portable Unit Installation Manual

This guide will walk you through setup, operation, and routine maintenance for your Neutrafog Device.



Scan code to

Register Device Activate Warranty
Access SOP's Schedule with NeutaStorm

What you'll need

Phillips Screwdriver

For accessing internal components

110V Outlet

Standard 110V wall outlet

NeutraStorm (Optional)

For advanced monitoring & configuration



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Meet your Neutrafog

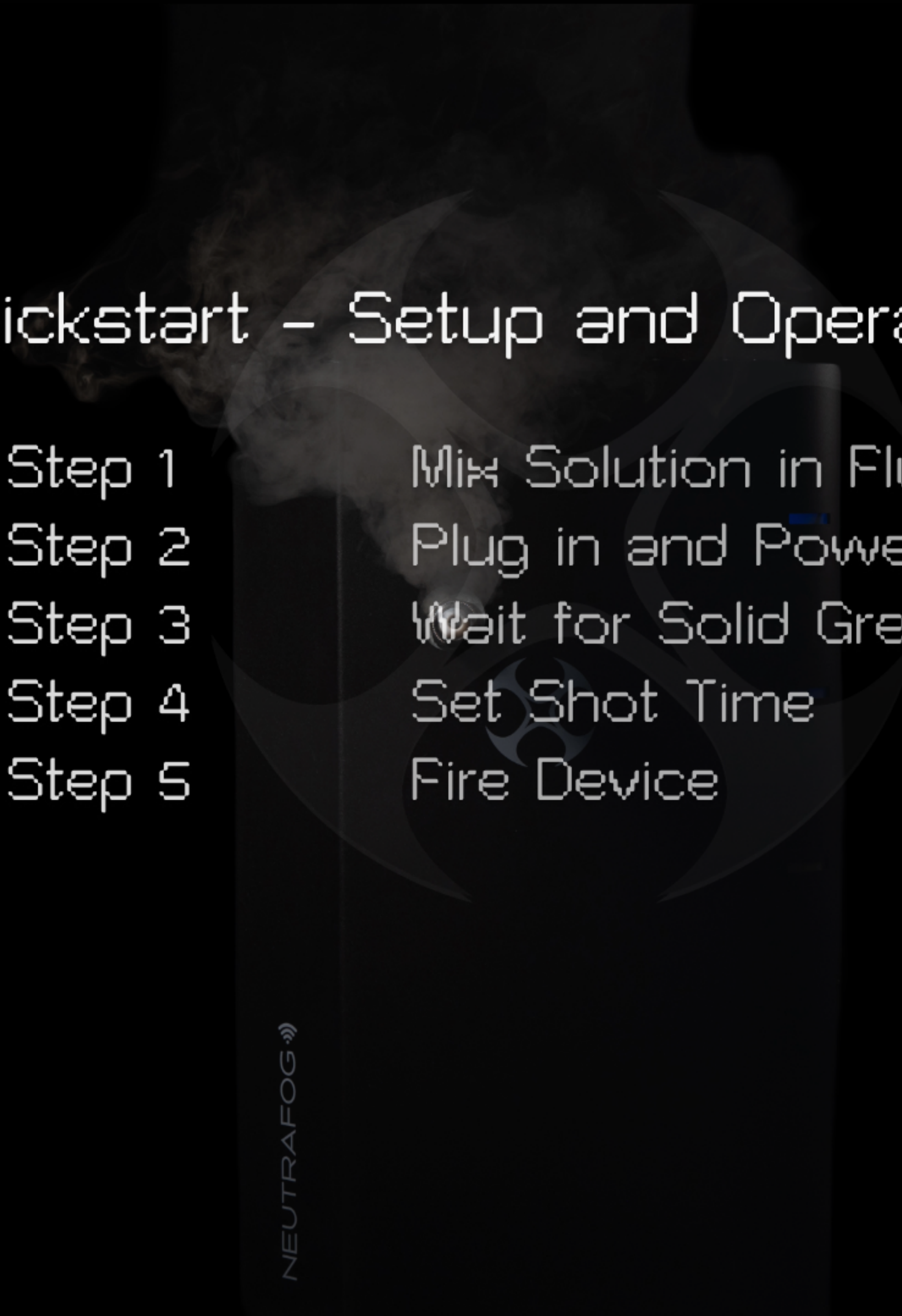
Secure . Reliable . Remote
Customizable . Recurring



Scan code to

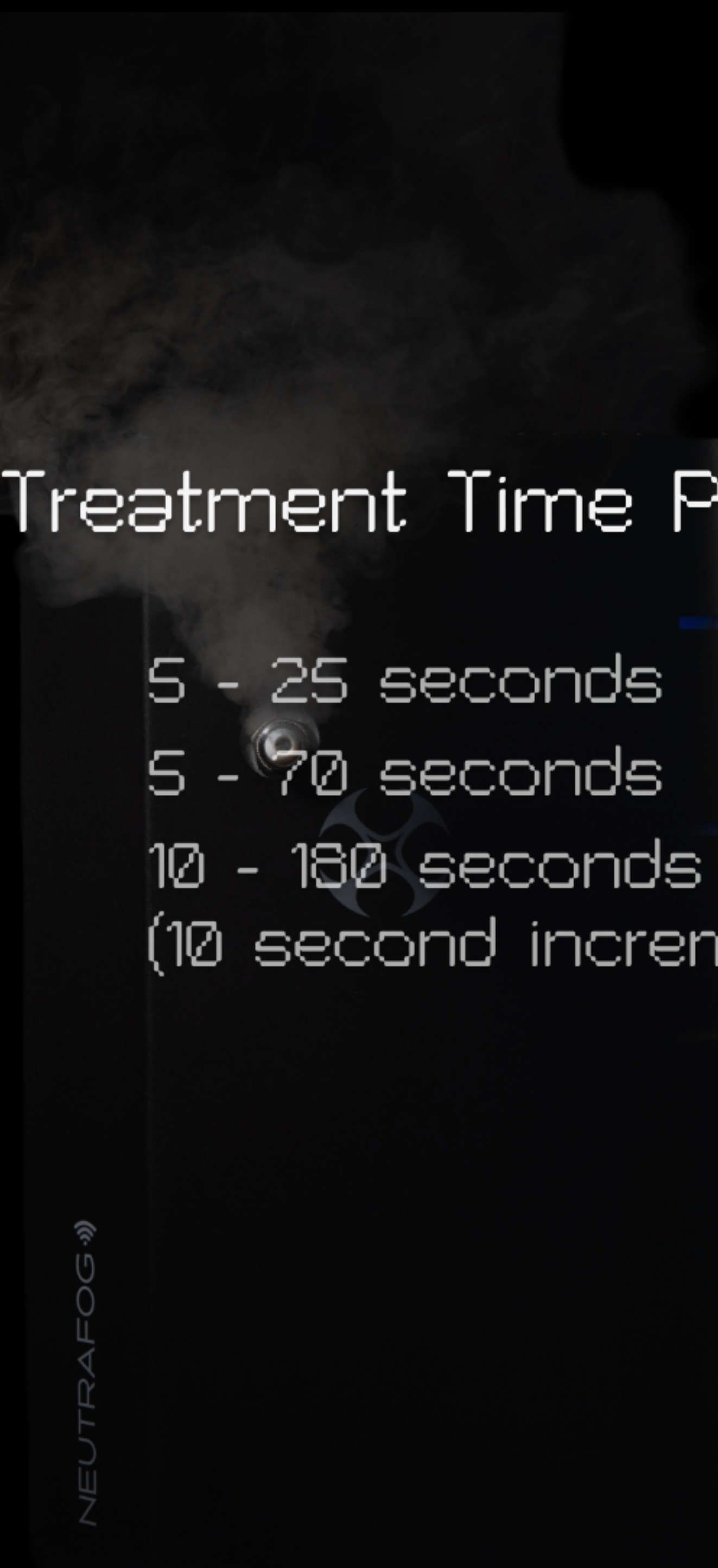
Register Device . Activate Warranty .
Access SOP's . Schedule with NeutaStorm

Quickstart – Setup and Operation

- 
- Step 1 Mix Solution in Fluid Bag (Neutrafog Carrier + Solution)
 - Step 2 Plug in and Power On (110V)
 - Step 3 Wait for Solid Green Light (Temperature Reached)
 - Step 4 Set Shot Time
 - Step 5 Fire Device

Min. / Max Treatment Time Per Unit

Pro-500	5 - 25 seconds
Pro-1500	5 - 70 seconds
Pro-4000	10 - 180 seconds / 3 minutes (10 second increments)



Your **NeutraFog** features intuitive status indicators to provide at-a-glance system information:

Indicator Lights & Functionality

Green Light

Red Light

Blue Light

Bottom

Center

Top

Flashing = Unit is warming up, Solid = Firing temperature reached

Indicates an empty fluid bag or fault condition requiring attention

Unit is armed and ready for operation



Fire Device / Set Shot Time

Adjust shot time and fire Neutrafog device.



Set Shot Time

Press & Hold: While holding, all three front lights will flash.

Timing: Each flash = 1 second (Pro-4000 adjusts in 10-second increments).

Set & Release: When the desired treatment duration is reached, release the button to lock in.

Fire Device

Press once and release.

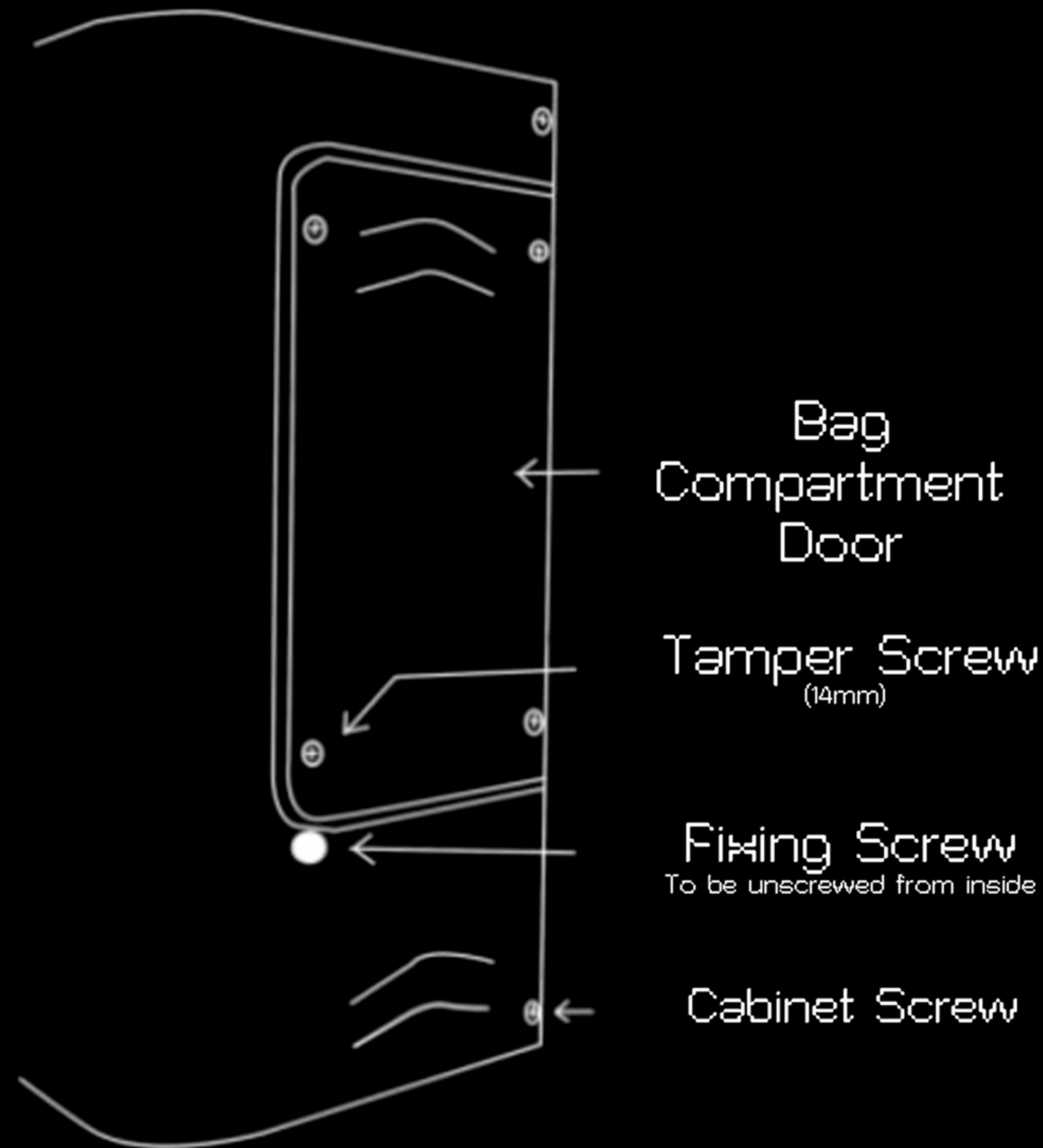
Neutrafog Device



Maintenance & Troubleshooting

Troubleshooting & Maintenance

Visual of key Neutrafog device regions, components, and screws.



Neutrafog Device

Troubleshooting & Maintenance

Common indicators and solutions displayed on buttons.

Common Indicators and Solutions

Flashing Red Light

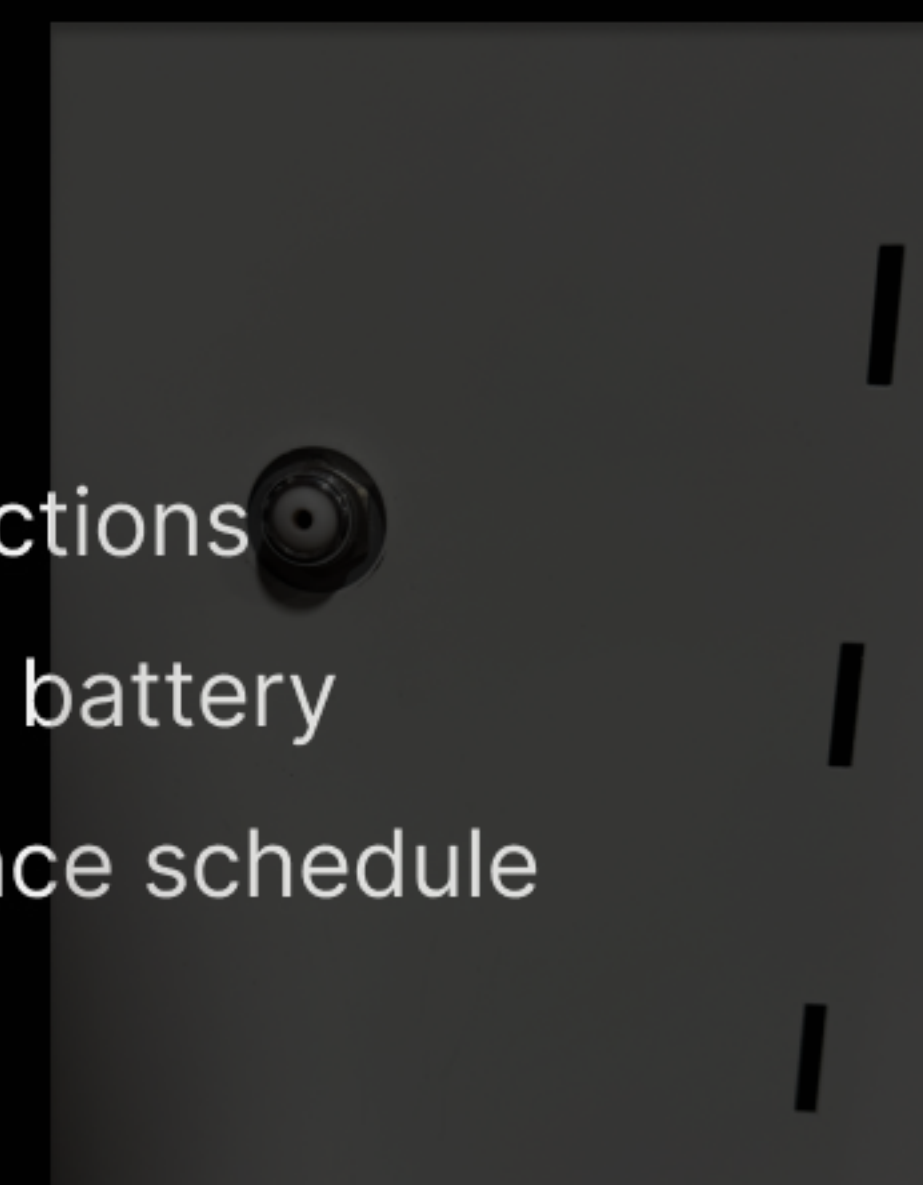
No Lights

Irregular Mist Pattern

Check fluid levels and system connections

Verify power connection and backup battery

Clean nozzle according to maintenance schedule



Troubleshooting & Maintenance

Regular maintenance ensures optimal performance of your Neutrafog System.

Required Maintenance & Resets Quick Reference

Weekly Check Valve Cleaning:
(with daily use)

Remove with 14mm wrench → Soak in isopropyl alcohol 10 mins → Clean with Q-tip → Blow through ends → Reinstall.

Fluid Bag Reset / Hard Reset:

Detach and refill with Halo / Aura + product → Remove air → Reattach → Press reset once.

Tank Reset / Reservoir Button:

If misfire, press Tank Reset → Retry firing until pump builds pressure → Squeeze bag to prime.

Fluid Bag Reset / Hard Reset

Step-by Step Instructions.

1. When notified that fluid bag is empty.

a. Detach the bag.

b. Refill with NeutraFog Carrier (Halo / Aura) plus product of choice (scan QR code & refer to SOP).

2. Before tightening the top

a. Squeeze out all air from the bag.

b. Tighten top securely.

3. Reattach bag to unit.

4. Push the fluid bag reset button.
(Just once)

5. Set shot time between 5-25 seconds.

6. Fire Unit

When firing unit, firing function should be normal. If problem persists not, see note.

Note:

If light still showing or misfire occurs

a. Push tank reset button again. Push the trigger button again.

b. Due this continuously until fluid builds up.

c. Squeeze bag until pump builds up optimal pressure.

1

Pinch that with long nose pliar, remove the tube.

Seal connection using paper towel or similar. Must block connection from leakage.

2

Untighten the check valve and remove it.

(using a size 14 /14mm wrench)

3

Clean both ends of tube with Q-tip. (See note)

Go in deep on both ends of tube.

Clean up residual.

Blow on both ends of tube to ensure airflow.

–

Repeat step 3, as needed.

NOTE: Soak Q-Tip with isopropyl alcohol for 10 mins prior to use.

4

Re-attach tube, re-tighten check valve.



Weekly Check Valve Cleaning

Step-by Step Instructions

1x per week required with daily usage.

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.

To activate your warranty or access additional support and information about our advanced IPM systems, please scan the QR code below.

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