

# ELIMINATOR<sup>®</sup>

## LIGHTING



Caution: Fog machines may set off smoke alarms!

# VF VOLCANO EP

## User Instructions

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Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

**DOCUMENT VERSION**

**Due to additional product features and/or enhancements, an updated version of this document may be available online.**

**Please check <https://www.adj.com/eliminator-lighting> for the latest revision/update of this manual before beginning installation and/or programming.**

Date	Document Version	Notes
11/08/2023	1	Initial Version
01/25/2024	1.1	Added dimension drawings

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# GENERAL INFORMATION

## INTRODUCTION

Please read and understand all instructions in this manual carefully and thoroughly before attempting to operate these products. These instructions contain important safety and use information.

## UNPACKING

The products in this kit have been thoroughly tested and have been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect each unit included for damage and be sure all accessories necessary to operate the units have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this kit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

## CUSTOMER SUPPORT

**ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST**

**Voice: 800-322-6337 | Fax: 323-582-2941 | [support@adj.com](mailto:support@adj.com)**

**ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET**

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## WARRANTY RETURNS

All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

## LIMITED WARRANTY (USA ONLY)

- A. Eliminator Lighting, an ADJ Products, LLC brand, hereby warrants, to the original purchaser, Eliminator Lighting products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service, you must obtain a Return Authorization number (RA#) before sending back the product—please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the Eliminator Lighting factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Eliminator Lighting will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, Eliminator Lighting shall have no liability whatsoever for loss of or damage to any such accessories, or for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Eliminator Lighting concludes, after inspection, affects the reliability of the product, if the product has been repaired or service by anyone other than ADJ Products, LLC factory unless prior written authorization was issued to purchaser by Eliminator Lighting; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, Eliminator Lighting will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Eliminator Lighting under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Eliminator Lighting. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.
- E. Eliminator Lighting reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.
- F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by Eliminator Lighting in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Eliminator Lighting be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.
- G. This warranty is the only written warranty applicable to Eliminator Lighting products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

### MANUFACTURER'S LIMITED WARRANTY PERIODS

- **Non L.E.D. Eliminator Lighting products** = 1-year (365 days) Limited Warranty (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc., excluding lamps)
- **L.E.D. Eliminator Lighting Products** = 2-year (730 days) Limited Warranty (excluding batteries which have a 180 day limited warranty). Note: 2 Year Warranty only applies to purchases within the United States.
- **Eliminator Laser Products** = 1 Year (365 Days) Limited Warranty (excluding laser diodes which have a 6 month limited warranty)

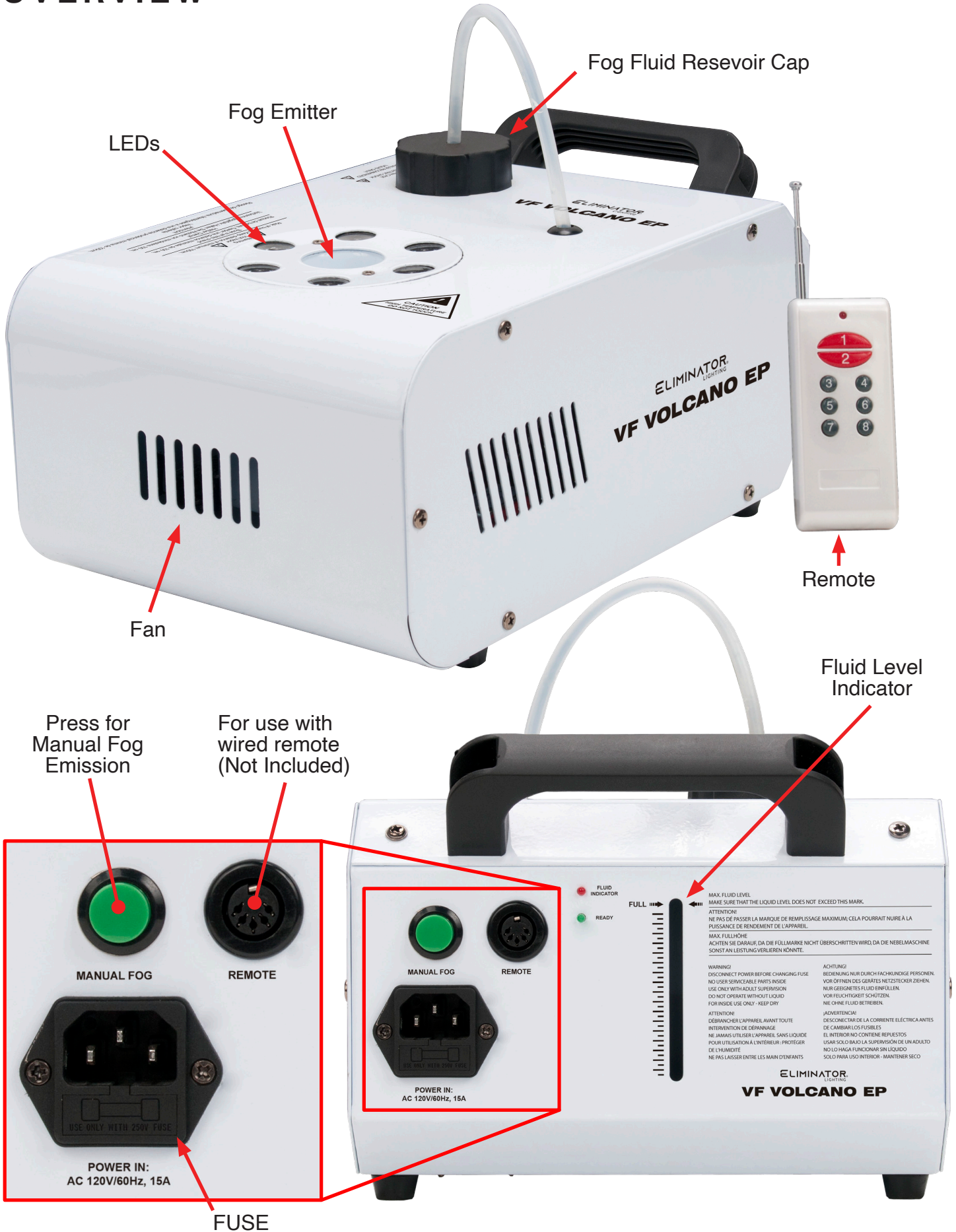
# SAFETY GUIDELINES

**For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!**

This fixture is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. Eliminator is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture, and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.

- In the event that the unit needs to be returned to ADJ Products, LLC for service, use only the original packaging and materials for shipping.
- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or onto your device.
- Ensure that the fog fluid is contained inside the fluid reservoir only. Do not spill fog fluid into or onto other internal components of the device.
- Ensure that the power outlet used matches the device's required voltage.
- Do not remove the cover for any reason. There are no user serviceable parts inside this device!
- Disconnect the unit from main power when left unused for long periods of time.
- Never connect this device to a dimmer pack.
- Do not attempt to operate this unit if it has been damaged in any way.
- Never operate this unit with the cover removed.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in the event of an internal short.
- Disconnect from main power before attempting to make any type of connection.
- Never block the ventilation holes, and always be sure to mount this unit in an area that will allow proper ventilation. Allow at least 6" (15cm) clearance between this device and a wall.
- This unit is intended for indoor use only, and use of this product outdoors voids all warranties.
- Always mount this unit in a safe and stable manner.
- Please route your power cord out of the path of foot traffic. Power cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen onto, or liquid has been spilled into, the unit.
  - C. The unit has been exposed to rain or water.
  - D. The unit does not appear to operate normally or exhibits a marked change in performance.

# OVERVIEW



# SETUP

**Fluid Level Sensor:** This device is equipped with a fluid level sensor for your convenience. When the fluid reservoir contains an adequate amount of fluid, the sensor LED will remain steadily lit. If the fluid level becomes low, the LED will flash to alert you. When the fluid level approaches empty, a built-in sensor inside the reservoir will automatically deactivate the pump. This feature serves a dual purpose: it safeguards the pump and extends its operational life.

**Enhanced Heating Element:** This device incorporates a newly designed heating element that effectively prevents the accumulation of excessive particles, which could otherwise lead to premature fogger failure.

**Wireless Remote Control:** The device is furnished with a wireless remote control that grants you command over both the LEDs and fog output.

- 1. Unpacking:** Carefully open the shipping carton and extract the unit. Remove all packaging materials, paying special attention to the area around the nozzle.
- 2. Placement and Fluid Reservoir:** Position the fog machine on a level, dry surface. Fill the fog fluid reservoir exclusively with ADJ brand fog juice and securely tighten the cap. Note that a steady red LED indicates a sufficient reservoir, while a flashing red LED signals low fluid levels.
- 3. Power Up:** Plug the unit into a compatible power supply. Allow the fogger to reach its normal operating temperature. The green LED on the rear of the unit will illuminate when the device has achieved its operating temperature, signaling that it is ready to emit fog.
- 4. Fog Emission:** To release fog, either press the fog button located on the rear of the unit or press one of the buttons on the provided remote control. For comprehensive instructions on using the wireless remote, refer to the Wireless Remote Operation section in this manual.



# WIRELESS REMOTE OPERATION

Always be sure to maintain an adequate supply of ADJ Brand Fog Juice in the fluid reservoir. Running the fog machine dry will cause pump failure and or clogging. This is the largest cause of failure in fog and haze machines. We recommend use of ADJ brand fog juice only!

**Wireless Remote Operation:** Plug the unit into power, and allow about six (6) minutes for it to reach operating temperature. A green LED located at the rear of the unit will illuminate when the unit has reached operating temperature, indicating the unit is ready to emit fog. **If the green LED is illuminated and fog does not come out after holding the button down for 30 seconds, check the fluid tank and verify whether fluid level is low.**

The function of each button is as defined below:

- Button 1 - Fog + Red LEDs
- Button 2 - Fog + Green LEDs
- Button 3 - Fog + Blue LEDs
- Button 4 - Fog + Red, Green, & Blue LEDs
- Button 5 - Fog + Red & Green LEDs
- Button 6 - Fog + Red & Blue LEDs
- Button 7 - Fog + Green & Blue LEDs
- Button 8 - Fog + Red, Green, & Blue LEDs + Strobing



# CLEANING, & MAINTENANCE

**WARNING! DISCONNECT UNIT FROM POWER BEFORE PERFORMING ANY CLEANING OR MAINTENANCE PROCEDURES!**

**ALWAYS ALLOW THE FIXTURE TO COOL FOR AT LEAST 15 MINUTES BEFORE PERFORMING ANY CLEANING OR MAINTENANCE!**

## FUSE REPLACEMENT

To replace the fuse, first, disconnect the unit from its power source and detach the power cord. After removing the cord, find the fuse holder inside the power socket. Insert a flat-head screwdriver into the power socket and carefully remove the fuse holder. Replace the faulty fuse with a new 15A/250V GMA style fuse. Remember, the fuse holder also includes a space for a spare fuse.



## MAINTENANCE

For proper storage, keep your device in a cool area and cover it to prevent dust accumulation. If you plan to store it for extended periods, it's highly recommended to run the device at least once every 3-4 months. Prolonged inactivity can significantly reduce its lifespan. Always use water-based fog juice in your device; never use plain water, vinegar, or any other liquid solution. Running anything other than water-based fog juice will cause severe damage.

## TROUBLESHOOTING

For proper storage, keep your device in a cool area and cover it to prevent dust accumulation. If you plan to store it for extended periods, it's highly recommended to run the device at least once every 3-4 months. Prolonged inactivity can significantly reduce its lifespan. Always use water-based fog juice in your device; never use plain water, vinegar, or any other liquid solution. Running anything other than water-based fog juice will cause severe damage.

# SPECIFICATIONS

## Features:

- 750W professional vertical Fog Machine
- Light Source: 6 x 3-Watt LEDs, (2 Red, 2 Green, & 2 Blue LEDs)
- Convenient carrying handle
- Low Fluid LED Indicator on rear
- Manual fog trigger button on rear panel
- External fog fluid tank: 1 Liter
- 2 Operational modes: Manual & Remote Control
- Power Connection: IEC AC In
- Wired remote output
- Only use high quality, water-based fog fluid

## Output:

- Fog Output: 8,000 (cu.ft/min)
- Fluid consumption: 14ml/min
- Warm-up time: 6 min
- Output time: 8 seconds (max)
- Reheat interval: 9.3 seconds (Average)
- Second Fog Shooting Time: 9 Seconds

## Pump Features:

- High performance pump for optimum output
- ADJ's Electronic Thermo Sensing (ETS) technology
- Special heating element design that uses an oil type transmission pipeline system to minimize the possibility clogging

## Electrical:

- Voltage: AC 120V or 240 50/60Hz (non switching)
- Power Consumption: 770W
- Heater: 750W

## Dimensions & Weight:

- Dimensions (LxWxH): 13" x 8.25" x 7" / 327 x 212 x 177mm
- Weight: 7.4 lbs. / 3.36 kg.

## What's Included:

- Included Accessory: Wireless Remote

## Wireless Remote Functions:

- Button 1 - Fog + Red LEDs
- Button 2 - Fog + Green LEDs
- Button 3 - Fog + Blue LEDs
- Button 4 - Fog + Red, Green, & Blue LEDs
- Button 5 - Fog + Red & Green LEDs
- Button 6 - Fog + Red & Blue LEDs
- Button 7 - Fog + Green & Blue LEDs
- Button 8 - Fog + Red, Green, & Blue LEDs + Strobing

# DIMENSIONS

Drawings not to scale

