



Ultra Handy Fogger

Operators Manual

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Introduction

The Ultra Handy Fogger is a special addition to Ultratec's award winning fog machine lineup. It is our smallest and most portable yet.

But do not let its small footprint fool you! The Ultra Handy Fogger makes no compromises, producing Ultratec's signature fog effect so widely used in the industry.

The Ultra Handy Fogger has a five-year warranty due to manufacturer's defect and a lifetime warranty on the heat exchanger provided Ultratec fluids are used.



Warning!!



Important Safety Instructions:

1. Do not touch, place hands or expose skin within 20"(50cm) of the discharge nozzle.
2. Do not remove the outer case.
3. Persons suffering from asthma or allergenic sensitivity may experience irritation, discomfort or allergic symptoms when exposed to fog effects.
4. Ensure that this unit is grounded at all times. Failure to do so may result in serious injury.
5. Use Ultratec Special Effects fluids only. SDS is available at www.ultratecfx.com



Safety Precautions

1. Ensure that any operation of the machine is supervised by suitably trained and authorized personnel.
2. Do not modify the machine or use a machine which has been damaged in any way.
3. Allow sufficient air circulation around the machine at all times.
4. Protect the machine from direct weather effects and wet locations. Suitable for dry locations only.
5. Only use fog fluid by Ultratec Special Effects.
6. Do not continue to produce fog in an enclosed area when visibility is reduced below 20"(50cm).
7. Avoid direct fog output continuously at persons, structures or objects within close proximity of the discharge nozzle.
8. Ensure that adequate exhausting arrangements are available in the event of an emergency.
9. Do not place hands or exposed skin within the first 20"(50cm) of the discharge nozzle at any time during haze production.
10. Fog effects can trigger smoke alarms and detectors. Please take suitable precautions to prevent false alarms.

Technical Specifications

Model: Ultra Handy Fogger
Part Number: CLF-8000 Ultra Handy Fogger 110V
CLF-8002 Ultra Handy Fogger 220V

Length: 12 in 31 cm
Width: 5 in 13 cm
Height: 12 in 31 cm
Net Weight: 19 lbs 9 kgs
Power Cord: IEC Detachable Cord (6 ft - 1.8 m)

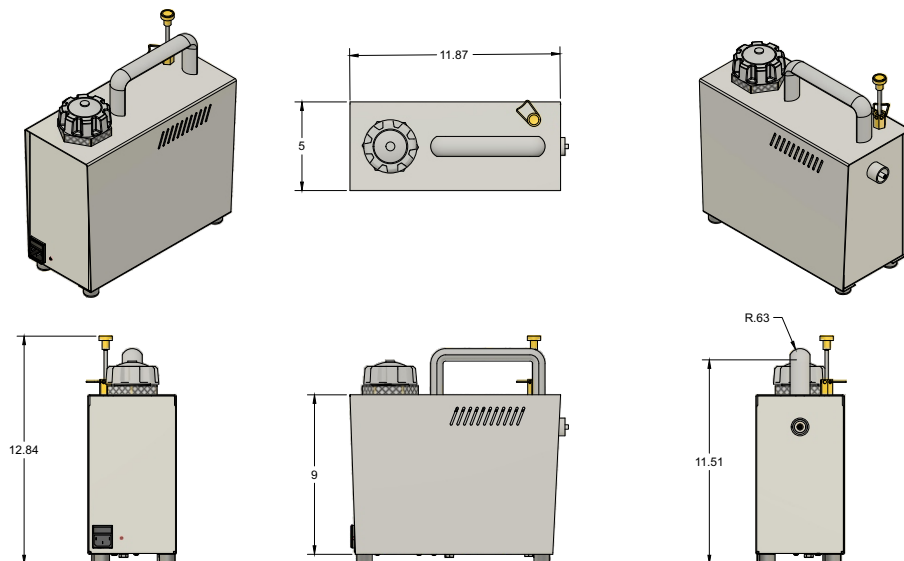
Fluid Consumption
Run Time: 20 minutes
Heat Time: 8 minutes
Fluid Consumption: Burst - 36 cc/ min.

Features

- Precision flow response with manual pump
- Microprocessor temperature control
- 1000 watt heater
- 1.5 Liter/.50 Gallon tank
- High Mass Block on the Heat Exchanger
- Replaceable Heat Exchanger Tube
- Powder Coated Steel Chassis
- Vented & Spill Resistant Cap
- Comfortable Handle
- Detachable Cord
- Temperature Heating Indicator Light

Approvals: This product has been certified to CSA/UL Standards by QPS Canada Inc.

Technical Drawings



Ultra Handy Fogger Setup

1. Open a 2 or 4 Liter Jug of Ultratec Special Effects Fog Fluid.
2. Remove the cap from the fluid tank of the Ultra Handy Fogger.
3. With the aid of a clean funnel, fill the Ultra Handy Fogger fluid tank with fluid.
4. Wipe up any spills that may have occurred and replace the cap on the fluid tank of the Ultra Handy Fogger.
5. Tighten snugly.

Note: The cap has an integral seal to prevent leaks when in place, so over tightening is not required.



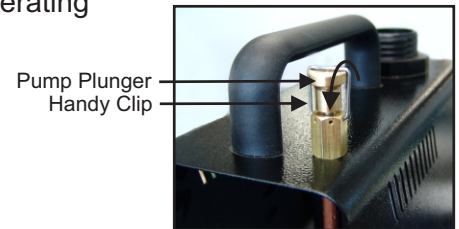
Operating Procedure

Plug the unit into a suitable power source. The heat up time is approximately 8 minutes before fog can be produced.

The Red Heater Status LED indicates heating when flashing slowly, within operating temperature when flashing quickly, and fully heated when LED is "solid".

A three-flash pattern indicates an over temperature error.

1. When ready to produce fog, unplug the Ultra Handy Fogger from the power outlet.
2. Disengage the Handy Clip from the pump plunger by flipping to the side.
3. Fog is produced by activating the pump plunger up and down.



It is the responsibility of the operator to ensure only "dry" fog is being produced and to stop producing fog when it becomes "wet".

This is determined by waving your hand through the fog stream and observing any moisture on your palm.

Actual usage time depends on how much fog you are producing. The more fog you produce the shorter the usage time becomes before reheat is required.

When the fog machine begins producing "wet" fog stop the fog cue and plug the Ultra Handy Fogger into the power source to reheat.

When unplugged from a power source and fully heated, the Ultra Handy Fogger can hold heater block temperature for about 40 minutes when no fog output is produced. But this time will drop significantly if fog is produced.

Maintenance

Exterior

The casing of the Ultra Handy Fogger is steel with a powder paint coating. To clean simply wash with mild soap and warm water. **Ensure the power is disconnected when cleaning!!!**

Heat Exchanger

Using high quality Ultratec fluid should result in a long heat exchanger life. (See warranty policy later in this manual).

Troubleshooting

Not Powering Up

- 1) Check power cord is securely inserted into Fused Power Entry Module and connected to an appropriate power source.
- 2) Check that fuse inside Fused Power Entry Module is not open / blown.
Replace fuse if open.
- 3) Check that unit has not over heated and caused the thermal disc to trip open and shut power down. This should automatically reset after about 1/2 hour. Unit needs to be monitored to see if it shuts down again. If it does contact Ultratec Special Effects Service Department.

Not Heating

- 1) Check all the same suggestions as not powering up.

Otherwise contact Ultratec Special Effects Service Department.

Not Producing Fog

- 1) Check that fluid is in fluid tank.
Add fluid if missing.
- 2) Fluid line is not primed.
Press fluid plunger assembly a number of times to prime line.

Otherwise contact Ultratec Special Effects Service Department.

Recommended Fluid

Ultratec Special Effects Fog Fluids: These fluids were specifically designed to be used in our Ultra Handy Fogger

These water-based fluids create a brilliant white fog that is dry and without leaving any residue.



Warranty

Hardware products come with a five-year warranty on parts and labor. If the unit in question has a material defect or fault that is caused in manufacturing, Ultratec Special Effects will provide free parts and labor to remedy the equipment. Ultratec Special Effects service department must be advised in a timely manner after defect appearance and the date of warranty request must be within five years of sale/purchase. Proof of sale and/or proof of purchase will be required for warranty to take effect.

Warranty service will be performed as follows: faulty parts will be repaired or replaced with the same or comparable parts, based on availability. Freight to our facility for warranty requests will be prepaid by the user/dealer. Upon completion of the repair, Ultratec Special Effects will return the unit via the most economical means available. Should you require the item express-returned, the user/dealer is responsible for indicating this request and for any difference in freight cost.

Warranty will be voided, and customer will lose all rights guaranteed by the warranty if any of the following are observed/occur:

If any non Ultratec Special Effects fluid is used at any point of operation.

If any adjustments or repairs are done to the machine in question by repair technicians not authorized by Ultratec Special Effects.

If our repair technicians observe any signs of incorrect handling/treating of machine in question.

Warranty services do not cause an extension of the warranty nor does a repaired product start a new warranty. This warranty only applies to the product supplied by Ultratec Special Effects, Ultratec Special Effects is not responsible for any losses, costs, or damages from the use of a defective product.

Any additional costs incurred are the responsibility of the Dealer and/ or the customer.

An RA (Return Authorization) number must be noted on the outside of each box being returned to our facility. Any package(s) without an RA number clearly marked, will not be accepted by our receiving department.

Export Distributors are required to carry out the warranty repair, parts will be supplied by Ultratec.

Please do not forget to remove any liquid from the machine when sending in for repair.

Please remember to include the RA Number on all items being shipped in for repairs.

To request a Return Authorization number please refer to our website - instructions below:

- 1) www.ultratecfx.com
- 2) Click on the SUPPORT tab along the top of the screen
- 3) Click on REQUEST RMA from the pull down
- 4) Fill in the required information
- 5) Click on "SEND" button

If you have any questions or require assistance please contact service at 519-951-3355/866-534-5557 or by email at Service@Ultratecfx.com.

Contact Us

Head Office

Ultratec Special Effects
1960 Blue Heron Drive
London, Ontario N6H 5L9
Direct: 519-659-7972
Toll Free: 800-388-0617
Fax: 519-659-7713

Europe Office

Ultratec Special Effects GmbH
Dieselstrasse 30-40
60314
Frankfurt am Main
Germany
Direct: 49-69-87-000-1850
Fax: 49-69-87-000-1899

USA Shipping Address

(For All USA Repairs)
Ultratec Special Effects
640 Gadson Street
Groveland, Florida 34736

Canadian Shipping Address

(For All Canadian Repairs)
Ultratec Special Effects
1960 Blue Heron Drive
London, Ontario N6H 5L9

