



Just Fog It

Basic Kit

User's Manual

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Welcome!

Thank you for purchasing a Just Fog It **Basic Kit**.

Although your circumstances for purchasing this fogger kit may seem overwhelming, it is our goal to simplify the use of this kit in order to help you accomplish your mold or contaminant remediation objectives.

This is done by breaking down the treatment process into basic steps that are not only doable, but easy to follow.

By the end of your endeavor, we hope that **Just Fog It** is able to ultimately create a healthier environment for you and those around you.

Table of Contents

1. Using Your Fogger.....	Page 1, 2
2. Spray Output Quantity vs. Contaminant Level.....	Page 2, 3
3. WARNING! - Areas You Should Never Fog.....	Page 4
4. How Do I Know I Have Fogged Enough?.....	Page 4
5. Maintaining Your Fogger.....	Page 4
6. Other Fogging Practices.....	Page 5
7. About Our Product.....	Page 6
8. Unintended Uses.....	Page 7
9. Personal Protective Equipment (PPE).....	Page 7, 8

Using Your Fogger

The most important piece of equipment contained in your **Just Fog It Kit** is the ULV (**Ultra Low Volume**) fogger.

This piece of equipment has three main components which allow the fogger to operate. These components are the **Solution Tank Filler Cap, Power Switch,** and the **Flow Control Valve (FCV).**

First, mix solution according to the product label instructions. Then, remove the **Solution Tank Filler Cap, (Figure 1),** and add the premixed DF200 solution. Replace the filler cap and tighten firmly in order to allow your solution tank to pressurize. Although the tank's fluid capacity is 1.5 – 2 gallons, we strongly recommend only using 1 gallon of solution to the fogger's storage tank at one time. This is to help prevent overfilling, which may cause the product to leak into the motor cavity, which can cause the motor to malfunction or short circuit, greatly reducing the life of your fogger.

IMPORTANT - DO NOT STAND FOGGER ON END WHEN FILLING WITH FLUID!

A funnel is provided in this kit to help avoid spillage, and to enable you to fill the fogger more easily. The funnel should be rinsed after each use.



Figure 1

Using Your Fogger

The second operating piece of the ULV fogger is the **Power** switch (see **Figure 1**).

When turning the machine on or off, the **Fluid Control Valve** on the nozzle should be in the off position (**turn valve clockwise until valve is completely closed**).

The third piece of the ULV fogger is the **Fluid Control Valve (FCV)**, located at the end of the flexible hose attached to the end of the fogger (see **Figure 1**).

Spray Output Quantity vs. Contaminant Level

The level of contamination and how you use your fogger will determine the setting of the **FCV**.

First, turn the **FCV** clockwise until completely closed. Then open the **FCV** just slightly in the counter-clockwise (**CCW**) direction. This will allow the fogger to produce a fine mist spray or fog. This fog contains fluid particulates that are very small in size which allows the spray particles to stay suspended in the air for a much longer period of time.

Fogging with a fine mist is recommended for odor control and disinfecting viruses and bacteria. We recommend this setting for sanitizing heating and air conditioning duct work, living spaces, automobiles, and many other confined spaces.

Although the fogger's fan speed is not adjustable, fogging at this microscopic level will allow the DF200 solution to travel further and penetrate deeper.

Spray Output Quantity vs. Contaminant Level

By increasing the spray output level (turning the **FCV** in the **CCW** direction) a heavier mist will be produced. We call this a “Medium” quantity of fog or mist. **A continuous wet contact time of at least 10 minutes is required on all contaminated surfaces, and these surfaces must be wiped with a clean water rinse after contact time is achieved.**

Judging this level of output can be accomplished by holding your gloved hand approximately 2 – 3 feet away from the spray nozzle, and verifying dampness within 3 – 5 seconds

This level of treatment is recommended for bathroom showers, tile floors, and as a pre-treatment spray used in crawl spaces and in attics.

This level is also recommended for treatment of mild smoke and nicotine contamination, exercise equipment pads and seats, floor mats, concrete and wood floors, mild basement contamination, and stale house smell.

WARNING - We do not recommend this level or heavier levels of spray for areas around electronic equipment, or unprotected stained furniture.

Opening the FCV all the way – This is the maximum spray output that should be used on surfaces contaminated with projectile protein (a.k.a. vomit), and mold evident on doors, floors, and walls. This level of spray is also appropriate for medium contamination with colored spotting in attics, crawl spaces and basements, and mold growth evident on interior surfaces.

For flooding, blood contamination, sewage backup, severe sickness, and bacteria or virus outbreak, we recommend complete surface and air saturation. For this level of contamination, any surface within 2 feet of the fogger nozzle should be immediately evident of dampness.

Although this product is safe on most surfaces, we recommend testing on a small inconspicuous area of furnishings and flooring to insure color steadfastness. Varnishes on furniture and wood floors can be harmed if the product is not removed (wiped down) within several minutes of treatment.

WARNING! - Areas You Should Never Fog

NEVER - aim this fogger toward any person, pets or potable water sources (including aquariums with or without fish).

DO NOT - fog electrical outlets, breakers, service panels (open or closed), or high temperature lights (lights may explode due to temperature difference between hot lamp and cool liquids...).

DO NOT - fog directly into furnaces, computers, televisions, musical instruments, or any electronic devices with exposed surfaces.

DO NOT - fog smoke detectors.

How Do I Know I Have Fogged Enough?

Depending upon contamination, using a flashlight, shining a beam across the room, the flashlights beam should be visible across the length of the room.

IF YOU FOG THE PRODUCT HEAVILY, THE CHANCES FOR SETTING OFF ANY SMOKE ALARM ARE EXTREMELY HIGH.

IF YOU ARE IN A COMMERCIAL SPACE, YOU SHOULD SET THE ALARM SYSTEM TO TEST.

IN ALL AREAS TAKE PRECAUTIONS BY COVERING ALL SMOKE ALARMS AND CARBON MONOXIDE TESTERS.

Maintaining Your Fogger

After each use, we recommend running the fogger until all product is expended, and the fogger is empty. We recommend then rinsing the fogger out with water. Upon complete rinsing, we recommend filling the fogger with a quart of water, turning on the machine set at a heavy fog, and insuring that the spray hose and all the lines in the fogger are rinsed out completely.

Other Fogging Practices

Always follow label instructions for mixing, handling, and use of the product.

The following information is based upon actual experiences from The owners of Just Fog It and hundreds of satisfied remediation customers:

- **Remove all food and food packaging before application of this product.**
- If you have a photography developing studio, do not use the product in the dark room or around unsealed developed photos. The product can break down the chemicals used and react with unsealed photos.
- We recommend covering televisions and glass surfaces with a pillowcase, blanket, or towel as a precaution, but it is not necessary. This is only to prevent residue markings on exposed glass surfaces, but in heavily contaminated conditions, all surfaces should be treated and left uncovered.
- When treating furnishings like couches or chairs, we recommend treating from the underside by placing the fogger nozzle up against the upholstery to force the product through the material. Colorfast upholstery can be treated from both the top and bottom.
- For mattress contaminants resulting from urine staining or defecation, we recommend first treating the outer area of the mattress with a medium fogging spray and then brush and clean the soiled areas. After brushing and cleaning, treat the area again by placing the fogger nozzle up against the mattress to force the product through the material.
- When fogging ductwork, we recommend fogging the cold air returns with the furnace blower motor running. We also recommend removing the furnace air filter which will allow product to more easily travel through the squirrel cage blower and into the air supply ductwork. **All surfaces must be wiped down with a clean water rinse after appropriate wet contact time is achieved.**

About Our Product

DF200 (Decontamination Formula 200) was originally developed by Sandia National Laboratories for the US Military to be the next-generation decontaminant for use against chemical and biological Weapons of Mass Destruction. It was licensed for commercial use in 2001, and was tested by many federal and independent laboratories for over 10 years. In use by governments and militaries around the world, DF200 destroys mold (including airborne spores), Mycotoxins, VOCs (Volatile Organic Compounds), as well as most known bacteria and viruses, including H1N1, MRSA, Staph, HIV, Sars, CDIF and more!

This powerful and effective three part formula is EPA registered, and is inherently biodegradable. It produces a 99.999999% log kill and is a versatile tool for use in a variety of situations; mold remediation, crime scene cleanup, disinfection and odor control are just a few.

Whether used for allergens, sickness, odors or severe contamination, this product can be applied as a fog, liquid or foam. Simply add all three parts into a plastic or glass (never metal) container, according to instructions on the product label, mix thoroughly and apply, keeping a minimum 10 minute wet contact time on contaminated surfaces before wiping with a wet cloth. Follow the storage and disposal directions on the product label.

By practicing safety and common sense first, we believe in a single motto:

When in doubt.....**Just Fog It!**

Unintended Uses

This product is not intended for contact with any part of your body. It can cause skin burns, eye injury, and is harmful if swallowed or inhaled.

IMPORTANT!

Please refer to the product labeling and the SDS sheet included in every box before handling or mixing chemicals.

Always follow the label instructions when mixing, handling, and using the product solution.

Personal Protective Equipment (PPE)

Your Just Fog It Kit comes with a complete set of Personal Protective Equipment (or PPE) for you to wear while mixing and handling the product and performing your mold and/or contaminant remediation.

A half mask respirator with a set of filters is provided in this kit. We recommend strongly that upon completion of project, that the filters be removed from the respirator, and that the respirator be washed in warm soapy water, then rinsed thoroughly. The filters should NOT be washed or rinsed, and are good for approximately 10 hours of use in medium contamination. Filters should be stored in a zip lock baggie that is sealed tight between uses.

This kit contains 1 pair of sealed safety goggles. They should be rinsed off first with warm soapy water, then clean water. The goggles should then be dried off and stored after every use.

This kit contains a size 2X Tyvek® safety suit. Larger size Tyvek® safety suits are available up to size 5X at additional cost.

For biological contamination, our **Advanced Kit** offers a higher rated protective safety suit that comes with taped seams, and is designed for single use only. This is for severe biological contamination.

WARNING - This suit is not fire or electrical hazard rated. If you are unsure about the safety of this suit, please contact a local safety professional.

There are 3 sets of Nitrile gloves in this kit. Additional gloves may be purchased from **Just Fog It**, or at local hardware or safety house.

Additional **PPE** products are available through **Just Fog It**, or your local safety equipment supplier.

We recommend storing this product, and all of the other components of this kit inside the **Just Fog It** box.

The instructions on use and maintenance of all products included in this **Just Fog It Kit** can be found on our website at www.justfogit.com on the **INSTRUCTIONS** page.