



ATOMIZING  
SYSTEMS INC



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Manufacturers of **COLD FOG®** Systems

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®

## Information Brochure **COLD FOG®**

### HPV - Hydrogen Peroxide Fog N95 & PPE Disinfection System

**COLD FOG®** HPV – All stainless steel, 120vac fog-injection system for up to eight (maximum 40) Fog Nozzles to inject **Hydrogen Peroxide** solution(s), based on time for:

**N95 recycling, hospital rooms, ER's, hospital tents, patient rooms, ambulances, first responder vehicles, classrooms, school bus interiors, etc.**



Cold Fog HPV - 'CF'-3 Typical Pump Skid X 120vac w/VFD



Actual 42" **COLD FOG®** Nozzle Manifold w/8 Nozzles



CF-3 Unit for Sanitation Services Against COVID-19

Fog activation started via electronic, off-delay countdown pushbutton timer by site operator.

Main feed hose, nozzle manifold, nozzles, fog pump, injection-pump (0- 6-GPD) & tripod are included within scope. Electronics are UL Labeled by ASI

**1. SCOPE OF SUPPLY:** each system contains;

- (1) Tripod, Industrial Berlebach B14112 Report Wood Tripod
- (1) 316SS manifolds, 8 nozzle-risers per each ½” OD SS vertical tube @ ±42<sup>in</sup>
- (1) SS Manifold Fittings (pre-assembled w/nozzles & JIC Connector)
- (1) \*Interconnecting High-pressure Water feed line @ 40<sup>ft</sup> X 1/8” ID SS with
- (2) Swagelok SS Swivel Fittings, all 316 stainless steel

**2. SCOPE OF MATERIALS & UTILITIES TO BE PROVIDED BY OTHERS**

**2.1 SANITATION CHEMICALS:** Active Ingredients: Hydrogen Peroxide & Peroxyacetic Acid

**Recommended Product: Sanidate 5.0**

BioSafety Systems - East Hartford Connecticut.

**EPA approved**

**Approved for H1N1 / Avian / SARS**

**2.2 POTABLE WATER:**

Required; domestic water at minimum inlet pressure of 25PSI

Recommended: clean, low-mineral content water

Sanitary Hose and Connection included

**2.3 POWER SUPPLY:**

120V Outlet



*Typical fog demonstration at 1,000PSI*

### 3. APPLICATIONS

**3.1 CURRENT PROJECT: Community Medical Facilities in Fresno, CA conducting SANITATION TESTS FOR SANITIZING N95 MASKS. Trial started 3/29.**

**3.2 SANITATION CORRIDORS: DISINFECTON / MITIGATION**

**Installed in tented corridors for staff and patients to decontaminate biological contaminants including SARS-CoV-2.**

**3.3 HOME & OFFICE SANITATION: Sanitize all surfaces at home and in office locations**

*It is reasonably understood that the COLDFOG CF-3 system will have a high efficacy as a virucidal against the SARS-CoV-2, however general tests on this particular virus are just recently being conducted.*

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*...long lasting, quiet fog systems worldwide since 1979*



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