

THE MANDRY FOG™ SYSTEM

**A Modern Method
to Enhance
Small Space
Disinfection
Processes**



**MAR COR
PURIFICATION**
A Cantel Medical Company



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Advantages with Using the Mini Dry Fog System:

- ✓ Save costs compared to other vapor systems
 - Far lower acquisition costs compared to hydrogen peroxide systems
 - Avoid the neutralization and disposal costs of formaldehyde processes
 - Substantially lower the downtime for hoods, biosafety cabinets, etc.
- ✓ Usable in a variety of facilities including:
 - Pharmaceutical
 - Biotechnology
 - Research facilities
 - Medical device manufacturers
- ✓ Low noise and ultrasonic vibration during use
- ✓ The reliable Dry Fog Vapor Detection system for airborne residuals testing before putting spaces back into use

Minncare® Cold Sterilant Advantages:

- ✓ EPA registered for fogging as part of normal cleaning and disinfection procedures
- ✓ No toxic aldehyde vapors
- ✓ Much faster and safer to use than existing aldehyde-based disinfectants
- ✓ Very effective bactericide, fungicide, virucide and sporicide
- ✓ Fully biodegradable
- ✓ Contains only pharmaceutical quality raw materials
- ✓ Less corrosive than aldehyde-based liquids

Mini Dry Fog Equipment Advantages:

- ✓ Controlled and consistently accurate droplet size
- ✓ Minimizes risk of condensation
- ✓ Ensures penetration into normally inaccessible areas
- ✓ Effective dispersion of MINNCARE vapor in all areas of confined space
- ✓ Robust construction, with easy maintenance
- ✓ Does not require electrical connection
- ✓ Sanitary construction using Stainless Steel or PTFE for all components
- ✓ Autoclavable design
- ✓ Portable system can easily be used in multiple locations
- ✓ Single unit dispenses up to 500 milliliters of liquid MINNCARE Cold Sterilant solution



The Complete Solution for Dispensing

MINI DRY FOG SYSTEM

Optimized System

The Mini Dry Fog system provides an easy-to-use, high technology solution for confined-space fogging. The combination of our highly effective MINNCARE Cold Sterilant chemical and our state-of-the-art Dry Fog delivery system enables users to rapidly and safely deliver MINNCARE vapor to even the most complex areas. Its sanitary and autoclavable design permit its use in the most critical areas within pharmaceutical and other industries concerned with maintaining the utmost levels of sterility. The flexibility of the Mini Dry Fog nozzle allows for rapid vapor dispersion and ensures that the entire space is exposed to dry fog.

Short Process Time

The lack of toxic aldehyde vapors results in extremely short process times—over 95% faster than some conventional systems. This means less production downtime and lower total costs. Typically, the entire process can be completed in less than 1 to 2 hours, depending upon the size of the space and ventilation system efficiency, compared to up to a full day with some conventional systems.

Ultrafine Droplets

The Mini Dry Fog equipment is designed to produce fine droplets that average less than 10 microns in diameter which will ensure even dispersion of the MINNCARE solution throughout the space. These small droplets will tend to bounce off of solid surfaces and thus avoid excessive condensation, corrosion and surface wetting issues associated with systems producing larger droplets. The small droplets evaporate, and the vapor penetrates normally inaccessible areas, resulting in a more effective process.

Highly Flexible System

The system is easily adaptable to differing space dimensions and can be adjusted to reach all areas of a small confined space. It is readily transportable and can be used in multiple locations, needing only a compressed air source to operate. It will quickly deliver up to 500 ml of solution to effectively reach all areas of small spaces such as isolators, fume hoods and biosafety cabinets.

Optimal Efficacy

MINNCARE is a hydrogen peroxide and peracetic acid based proprietary chemistry developed by Minntech Corporation, a Cantel Medical Company, for optimized biocidal efficacy. It is registered by the EPA for use as a fog to enhance existing cleaning and disinfection processes. It is fully biodegradable and will leave no measurable residuals once the space has been fully ventilated. MINNCARE contains only pharmaceutical quality raw materials, limiting the introduction of any undesirable components into the clean room environment.



Minncare Fog in Small Spaces



Dry Fog Vapor Detection System

The Dry Fog Vapor Detection System provides an accurate and simple way to ensure the air inside the room has minimal residual MINNCARE Cold Sterilant vapors, ensuring the safe re-entry of operations personnel after minimal ventilation.



Dry Fog Remote Control

The optional wireless remote control unit allows the operator to turn the system on and off from outside the space.

Dry Fog Equipment Specification

Approximate Mini Dry Fog Machine dimensions (assembled):13" x 18" x 6.5" (33cm x 46cm x 17cm)
 Approximate Shipping dimensions:15.8" x 15.8" x 8.3" (40cm x 40cm x 21cm)

Approximate Mini Dry Fog Machine weight:8 lbs. (3.6 Kg)
 Approximate Shipping weight:22lbs. (10 Kg)

Compressed air supply needs:75 psi (5 bar)
 Minimum 2.0 scfm (56 liters/minute) air supply

To Order:

Ordering Information for Standard Options

Catalog Number	Description	Packaging
290-01-061	Mini Dry Fog Machine with aluminum case	per piece
290-01-034	Minncare Dry Fog Remote Control Unit (U.S. version)	per piece
290-01-035	Minncare Dry Fog Remote Control Unit (European version)	per piece
176-01-002	MINNCARE Cold Sterilant, 4 - 1 quart bottles, (U.S. only)4x1 qt
176-01-001	MINNCARE Cold Sterilant, 4 - 1 gallon jugs, (U.S. only)4x1 gal
78397-983	MINNCARE Cold Sterilant, 10 liters, (Europe, Asia, Africa)2x5 liter bottles
78397-982	MINNCARE Cold Sterilant, 20 liters, (Europe, Asia, Africa)2x10 liter jugs
78397-229	MINNCARE Cold Sterilant, 6 kilos, (Europe, Asia, Africa)6x1 kilo bottles
290-01-031	Dry Fog Vapor Detection Deluxe Pump Kit	per piece
290-01-032	Dry Fog Hydrogen Peroxide detector tube	per 10
290-01-033	Dry Fog Acetic Acid detector tube	per 10

MINNCARE Cold Sterilant and MINNCARE DRY FOG are registered trademarks of Minntech Corporation, a Cantel Medical Company.

Call: (800) 328-3370
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