

Surface Disinfectants

MINNCARE DRY FOG™ SYSTEM



An integral part of modern cleanroom disinfection procedures, the Minncare Dry Fog system provides an easy to use, high technology solution for clean room and critical area 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 will permit its use in the most critical areas within pharmaceutical and other industries concerned with maintaining the utmost levels of sterility. The location and action of the dry fogging head at the highest point of the equipment allows for rapid vapor dispersion and ensures that the most distant areas are reached effectively.



Applications

- It can be used in clean rooms in a variety of facilities including:
 - Pharmaceutical
 - Biotechnology
 - Animal research facilities
 - Medical device manufacturers.

Features and Benefits

- 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 3 hours, depending upon room size and ventilation system efficiency, compared to up to 3-5 days with some conventional systems.
- Ultrafine Droplets
The Dry Fog equipment is designed to produce fine droplets that average 7.5 microns in diameter which will ensure even dispersion of the Minncare solution throughout the room. 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 will penetrate normally inaccessible areas and lead to a more effective process.
- Highly Flexible System
The system is easily adaptable to differing room dimensions and configurations and can be adjusted to suit any room height. It is readily transportable and can be used in multiple locations, needing only a compressed air source to operate. It will deliver an adequate solution quantity to rooms up to 35,000ft³ (1000m³). Beyond this size, multiple machines may be required.
- Optimal Efficacy
Minncare Cold Sterilant is a peracetic acid and hydrogen peroxide based proprietary chemistry developed by Minntech for optimized biocidal efficacy. It is registered by the EPA for use as a fog to enhance existing cleaning and disinfection process. It is fully biodegradable and will leave no measurable air residuals once the room has been fully ventilated. Minncare Cold Sterilant contains only pharmaceutical quality raw materials, limiting the introduction of any undesirable components into the clean room environment.



DRY FOG SYSTEM		
PART NUMBER	REFERENCE NUMBER	DESCRIPTION
290-01-021	78398-611	Dry Fog Assembly 26L, 7u, 1 nozzle
290-01-022	78398-612	Dry Fog Assembly 26L, 7u, 2 nozzle
290-01-023	78398-613	Dry Fog Assembly 26L, 7u, 3 nozzle
290-01-024	78398-614	Dry Fog Assembly 26L, 7u, 4 nozzle

