



SteraMist™ BIT™ Treatment Protocol for General Deodorization

SteraMist™ powered by Binary Ionization Technology® (BIT™), is streamlining disinfection/decontamination and deodorization protocols by making whole room disinfection easier. An effective broad-spectrum surface disinfectant, this innovative technology works like a gas, reaching surfaces that other disinfectants can't, killing pathogenic bacteria* on contact. As a result, SteraMist™ BIT™ is effective for all hard non-porous surfaces and is easily incorporated into current cleaning procedures.

Meet with Facility Stakeholders

This meeting is conducted to help the TOMI™ Service Technician understand all facets of the job logistics to be successful including:

1. Determine schedule, preventative maintenance or emergency response to outbreak.
2. Discuss/map out area targeted for surface treatment to include all surfaces, compartments, enclosures, and instrumentation.
3. Discuss facility operating schedule/hours of operation to determine most appropriate timeframe for application.
4. Discuss areas of special consideration such as for containment and aeration time.

In addition, this meeting will serve as a time for all operations staff to discuss with the TOMI™ Service Technician the details of their existing disinfection protocol and concerns.

Review TOMI™ Proposal

- Confirm personnel, equipment, and materials.
- Confirm obligations of facility (steps/processes required before treatment).
- Confirm access to facility electricity.

Application Process

1. Perform initial cleaning of all surfaces
 - a. Wipe-down hard surfaces with an appropriate, mild cleaning agent.
 - b. Completely remove soil, film, bio-mass (blood, vomit, etc.).
 - c. Vacuum carpet and upholstery (steam-cleaning of carpets/rugs may be required if odor-causing agents have permeated carpet fiber).
 - d. Remove loose contents – trash, papers, clothing, and loose items covering surfaces.
 - e. Fully dry all wet surfaces from pre-cleaning before commencing with SteraMist™ application.
2. Determine appropriate SteraMist™ equipment for project. Use of the SteraMist™ Environment System is generally the preferred method for odor elimination as it treats both surface and air



STERAMIST™

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simultaneously. However, there may be situations where the Surface Unit is the only acceptable option (automobiles, spaces where HVAC cannot be shut-off, etc.).

3. Open all cabinet doors, drawers, interior doors to all spaces in need of odor elimination (closets, rest rooms, etc.). Close all windows and doors leading to spaces that will not be treated.
4. Turn-off HVAC system and other devices such as fans, to ensure static air in treatment space (note – it is not necessary to turn-off air movement when using the SteraMist™ Surface Unit).
5. Set-up containment and appropriate treatment signage outside treatment space. Prevention of access ensures safety and to allow proper saturation of SteraMist™ BIT™ dose.
6. Commence SteraMist™ treatment cycle in target areas. Upon completion of treatment of space, and completion of desired dwell cycle (normally 15 minutes), HVAC can be started to help aerate treated space. Movement of the remaining H₂O₂ through the HVAC system will have the beneficial effect of further disinfection and odor elimination through the system.
7. Monitor air inside treatment space to determine that H₂O₂ levels have been reduced to acceptable levels before releasing space to owner.
8. Follow guidelines for proper shut-down and storage of SteraMist™ Surface Unit once complete.

Note:

Routine disinfection is highly recommended for elimination of pathogens on high touch surfaces that come into direct contact with the public each day.

Emergency disinfection is highly recommended in cases of out breaks.

