



D-CHAMBER

Solution for Vaporized Hydrogen Peroxide (VPHP) decontamination, and Aerosolized Hydrogen Peroxide (AHP) disinfection. Also configurable for high containment (BSL3) facilities.

KEY FEATURES

- **Comfort** - Large volume chamber (6 m³ – 212 ft³) in a reduced footprint (4 m² – 43 ft²)
- **Speed** - Setup including compact Pass-Box for quick (**less than 1 hour**) decontamination of miscellaneous items
- **Easy Installation** - Minimized building requirements:
 - ▶ Pit-less design without the need for any ramp;
 - ▶ Fully serviceable either from the inside or from the dirty side for a real wall-to-wall capability (e.g., corridors).
- **Safety** - Aeration flexibility to break down H₂O₂ levels inside the chamber:
 - ▶ Double ceiling-mounted catalyst and HEPA filters without the need for any external ductwork;
 - ▶ Exhaust fan connected to the building exhaust system;
 - ▶ Building HVAC system.



- Compatible with IWT on-board dBox Plus VHP generator or with standard external generators available in the market
- Enhanced decontamination process control and reduced cycle time thanks to the dehumidifying unit integrated into the dBox Plus generator
- Built-in atomizer for fast turn-key aerosol disinfection with low-concentrated H₂O₂

- Internal socket for power supply of the load (e.g., changing stations ventilation)
- Inclusive of low voltage distribution fan for uniform diffusion of the decontaminant during cycle
- Built-in safety:
 - ▶ Internal emergency buttons with self-releasing doors;
 - ▶ Manual sample port for ppm concentration detection prior to operator access or optional automated safety sensor for low H₂O₂ concentration inside the chamber to allow door opening under safe conditions.



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CERTIFIED BY DNV
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