

About The Blade

The Blade is designed to fit in-line with your existing HVAC ductwork. The device can be deployed in any size duct utilizing adapters. The Blade is a completely discreet option for deploying Dry Hydrogen Peroxide (DHP®) in your occupied patient environment. Device installation will not impact your existing HVAC system.



What is DHP?

Synexis-made DHP is created from the ambient oxygen and humidity of an enclosed environment moving across a proprietary membrane within the device. The resulting DHP is then blown into the occupied space by a fan used to move air across the membrane. Since it's a true gas, it flows unaided to every corner of the occupied space, reducing viruses, bacteria, mold, odors, and insects in the air, on surfaces, and the most hard-to-reach places. When Synexis technology is installed, it operates automatically, continuously, and responsibly, requiring minimal maintenance, once per quarter.

Where does Synexis technology work?

Synexis technology is utilized in a variety of indoor spaces. Our 24/7 Biodefense system creates peace of mind for business owners, operators, employees, and customers without needing to change their daily activities or behaviors. Wherever air goes in an enclosed space, so does Synexis-produced DHP to reduce the presence of microorganisms.

Learn more at sdfhc.com/dhp

About Synexis?

Founded in 2001, Synexis LLC is a pioneer in the microbial reduction of occupied spaces. Using their patented technology, Synexis is the sole developer of the process by which naturally occurring oxygen and humidity are taken from the air to create Hydrogen Peroxide Gas (H₂O₂) or Dry Hydrogen Peroxide (DHP). Wherever air goes in an indoor facility, so too will DHP to reduce the presence of viruses, bacteria, mold, odors, and insects. The Synexis system is UL Certified to produce no ozone and works continuously without disruptions or changes in workflow. Synexis currently holds 12 US patents with 17 pending.

The Synexis® word mark is a registered trademark owned by Synexis LLC.
Synexis technology is classified as a pesticidal device and mitigates microbial load in the air and on surfaces.
Synexis does not claim to mitigate microbes on, or in humans, and does not claim to have an impact on patient outcomes.