

What is 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 safely 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.^{[1][2]}

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 safely requiring minimal maintenance, once per quarter.

Is it safe?

Synexis® Dry Hydrogen Peroxide (DHP™) technology was designed for occupied spaces and is currently regulated by the EPA for such use.^[3]

Where does Synexis® technology work?

Synexis® technology is utilized in a variety of indoor spaces, including retail stores, restaurants, fast food chains, university housing, professional sports facilities, corporate office buildings, hospitals, nursing homes, and film & television production lots.

Our products.

Synexis® personalizes every space and uses the same patented DHP™.



// Blade

Designed to fit in-line with existing HVAC ductwork. The Blade can be deployed in various sized ducts via adapters.



// Sphere

A sleek, portable option for clients who desire effective microbial reduction while incorporating the technology into the aesthetics of their facility.



// Sentry

A portable device designed for industrial facilities with an inaccessible or nonexistent HVAC system.

►► For more information, visit Synexis.com

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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.

¹ METHODS FOR THE CONTROL OF ARTHROPODS USING NEAR-IDEAL GAS PHASE HYDROGEN PEROXIDE. US 9,808,013 B2.

<https://www.uspto.gov/web/offices/com/sol/og/2017/week45/OG/html/1444-1/US09808013-20171107.html> Accessed June 9, 2020.

² US Patent numbers include 8,168,122 | 8,685,329 | 9,034,255 | D744,627 | 9,370,592 | 9,808,013 | D814006 | 9,924,722 | 10,188,766 | 10,232,076 | 10,285,382 | 10,299,482

³ Regulated by the EPA under Chapter 13 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

