



TADIRAN AIROW 1™

# Efficacy that counts. Safety you can trust.

TADIRAN AIROW™ Hydrogen Peroxide Aerosol Disinfectant

## Tadiran International Presents:

TADIRAN AIROW Hydrogen Peroxide<sup>1</sup> purification technology that revolutionizes indoor air quality. After 3 years of development, Tadiran Group brings an innovative proactive approach in eliminating pathogens.

### About Tadiran Group

Market Cap

**\$1.2B**

Market Experience

**60** Years in the HVAC Industry

Registered Patents

**+40** Countries

TADIRAN AIROW provides continuous air purification with a plug-and-play device that easily fits into any ducted HVAC system<sup>2</sup>. Via Hydrogen Peroxide created in the electric field, TADIRAN AIROW reduces certain aerosolized pathogens by up to 99.998%<sup>3</sup> destroying COVID<sup>4</sup> viruses<sup>5</sup>, bacteria<sup>6</sup> and mold<sup>7</sup>.



H<sub>2</sub>O<sub>2</sub>  
Patented Technology



VOC Emission Tested<sup>8</sup>  
& Ozone Free<sup>9</sup>



Highly Effective Against  
Biological Pathogens



Zero  
Maintenance



Plug & Play Installation<sup>2</sup>



Low Electricity Usage



<sup>1</sup> TADIRAN AIROW creates 15 PPB based on a test conducted by LSC Laboratory inc.

<sup>2</sup> Only qualified and licensed HVAC technicians may install TADIRAN AIROW

<sup>3</sup> Independent tests commissioned by Tadiran Group Ltd. showed that TADIRAN AIROW technology eliminated up to 99.998% of known aerosolized pathogens under optimal testing conditions, including COVID, Viruses, Bacteria, and 98.93% mold.

<sup>4</sup> TADIRAN AIROW reduced detected SARS-COV-2 aerosol levels by 99.998% within 1 ½ hour (1 cubic meter test chamber).

<sup>5</sup> TADIRAN AIROW reduced MS2 levels by 99.9988% in 2½ hours (1 cubic meter test chamber).

<sup>6</sup> TADIRAN AIROW reduced Staphylococcus Epidermidis by 99.9973% in 2½ hours (1 cubic meter test chamber).

<sup>7</sup> TADIRAN AIROW reduced levels of Aspergillus Niger by 98.93% in 2 hours (1 cubic meter test chamber).

<sup>8</sup> TADIRAN AIROW shows no significant change in VOC concentration tested in a conference room approximately 380 sq ft.

<sup>9</sup> Verified zero ozone emissions meet UL 2998, do not emit more than 0.005PPM as tested per UL 867.

# Why Choose When You Can Fuse?



## Safety You Can Trust

- ✔ **OSHA Safe** - TADIRAN AIROW emits 50 times less than the 1 ppm amount of Hydrogen Peroxide classed as safe by OSHA<sup>10</sup>
- ✔ **VOC Emission Safe** - tested and confirmed by a third party lab<sup>11</sup>
- ✔ **Ozone Free<sup>9</sup> and No Ions**

## Efficacy By The Numbers

- ✔ **Robust Purification** - eliminates levels of airborne viruses, molds, and bacteria by up to 99.998%<sup>3</sup>
- ✔ **COVID<sup>1</sup> reduction: 99.998%** (SARS-COV-2)<sup>4</sup>  
**Viruses reduction: 99.998%**<sup>5</sup>  
**Bacteria reduction: 99.9973%**<sup>6</sup>  
**Mold reduction: 98.93%**<sup>7</sup>

Patented Method of Use  
Patent No. U.S.A 11,135,334

Patented Self-Cleaning Mechanism  
Patent No. U.S.A 9,630,185



Meets California ozone emissions limit: CARB certified<sup>12</sup>

## First of It's Kind Live Experiment

During a live experiment in a crowded movie theater TADIRAN AIROW slashed airborne bacteria and mold levels by **up to 88%\***

\*TADIRAN AIROW reduced up to 90% in levels of bacteria and mold in a 700 m3 cinema auditorium the size of 700 m3. Tested by Hylabs. Scientific overview & protocol was developed by Professor Ariel Kushmaro of Ben Gurion University of the Negev.

<sup>10</sup> Health Guidelines for Hydrogen Peroxide, US Dept. of Labor, Occupational Safety & Health Administration, OSHA - [www.osha.gov](http://www.osha.gov)

<sup>11</sup> AIRMD, in collaboration with EMSL Analytical Laboratories: found a reduction of VOC compounds with only negligible amounts detected.

<sup>12</sup> CARB certified (California Air Resources Board), conforms to UL Std 867, certified to CSA Std.C22.2#187, and validated for zero ozone emissions (UL 2998).



## TADIRAN AIROW 1™

[www.tadiran-international.com](http://www.tadiran-international.com)



Coming Soon  
**TADIRAN AIROW for Mini Split**

