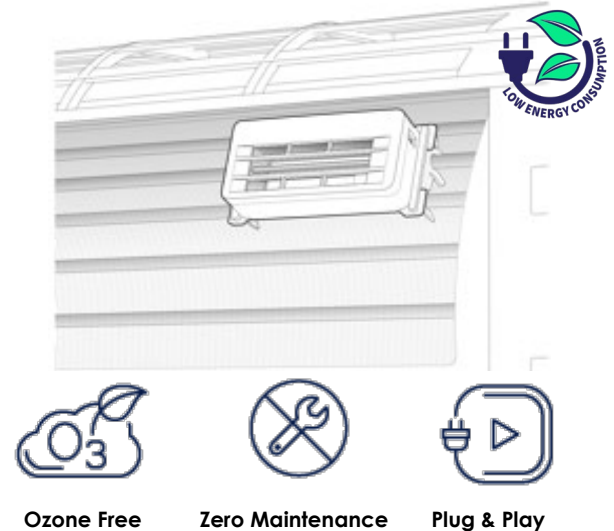


Introducing TADIRAN AIROW 3™ a unique Hydrogen Peroxide purifier that reduces airborne pathogens. It is an effective, robust air purification. TADIRAN AIROW 3™ devices provide powerful air purification, eliminating certain known aerosolized pathogens including SARS-CoV-25, viruses, bacteria and mold*. It has no ion emission, requires no maintenance, is plug-and-play, and consumes very little energy. **Designed to fit fan coils, Ceiling Cassettes, PTACs, ductless mini splits and VRF ductless split systems**

Technology & Benefits

- Eliminates **up to 99%** of bacteria, viruses & mold^{[1] [2]}, Patented method of use
- Tested and approved by **FDA-cleared** testing lab
- **Best-in-class air purification technology**, treats the air with a proactive approach
- **ZERO maintenance**, NO upkeep
- **Lasting effect**, even when AC is off
- **Easy to install in high walls and PTACs**,
- **Applicable anywhere**: residential, schools, new construction, hospitality, senior living, and more



Science & Testing

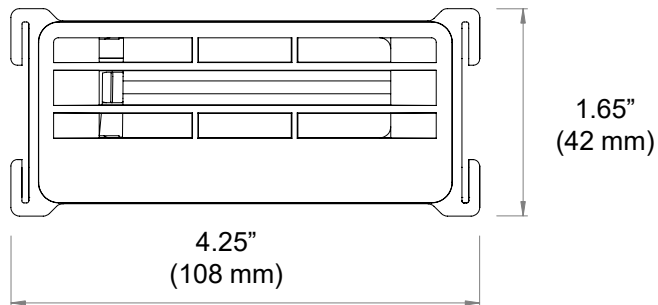
Bioaerosol Type	Species/Protocol	Testing Lab	Results	Labs & Marks
COVID Virus	SARS-COV 2	Innovative Bioanalysis Labs, USA	99.93%	Chamber size: 16 m ³ , after 60 min
Virus	RNA Virus MS2 Bacteriophage	Aerosol Research and Engineering Laboratories USA	99.994%	Chamber size: 1 m ² , after 60 min
Bacteria	Staphylococcus Epidermis vegetative (+)	Aerosol Research and Engineering Laboratories USA	99.994%	
Bacteria	Streptococcus Pyogenes (Group A Strep)	Innovative Bioanalysis Labs, USA	100%	Chamber size: 36 m ³ , after 120 min
Mold	Blue Mold (Penicillium Citrinum) Aerosolized	Kitasato Research Center for Environmental Science, JAPAN	99.4%	Chamber size: 25 m ³ , after only 3 hours
Ozone Emission	Ozone free certified	INTERTEK	<5 ppb- Tested	



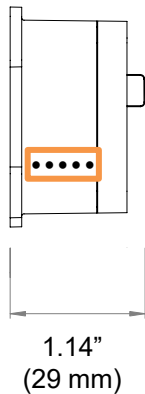
ENGINEERING DATA

KEY FEATURES

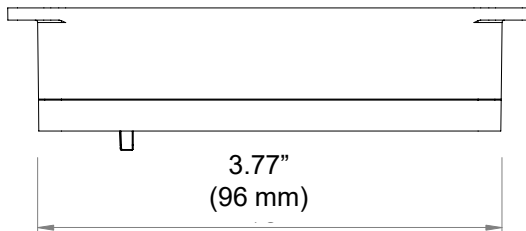
Front View



Side View



Top View



Parameters	Value
Weight	0.22lbs (100g)
Dimensions	3.77 x 1.14 x 1.65" (96X42X26 mm)
Housing Material	ABS Plastic, White Color
Operation Temperature	23 F to 131 F -5°C to +55°C
Operation Humidity (Non-Condensing)	20%-80%
Input Voltage	12 VDC $\pm$ 10%
Input Voltage for Power Supply	100-240 VAC, 50/60 HZ
Power Consumption	1 W Max
Air Velocity	Min 1m/Sec
Air Flow Capacity	Up to 1600 CFM
Indication LED	Green / Red Indication for Proper Operation
Maintenance	Zero Maintenance
Ozon Emission	$\leq$ 5 ppb
Hydrogen Peroxide Level	$\leq$ 15ppb
Warranty	3 Year Product Warranty

* Independent tests showed that TADIRAN AIROW 3™ technology eliminated more than 99.93% of tested aerosolized pathogens under optimal testing conditions, including viruses known as SARS-CoV-2 and bacteria.

TADIRAN AIROW 3 reduced detected SARS-COV-2 aerosol levels by 99.93% within 1 hour (16 cubic meter test chamber) and detected Bacteria Staphylococcus epidermidis aerosol levels by 99.994% within 1 hour (1 cubic meter test chamber). Aerosol of Blue Mold was reduced with TADIRAN AIROW 3 by 99.4% within 3 hours in a 25 m3 chamber. Only qualified and licensed HVAC technicians may install this device. TADIRAN AIROW 3, tested by TUV and Intertek, does not emit more than 0.005PPM.



Field Controls
2630 Airport Road
Kinston, NC 28504
252 522-3031
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Visit us at: www.fieldcontrols.com

PROJECT INFORMATION

Quoted by:	Date:
Project:	Remarks:
Quantity:	
Model:	
Site:	
Architect:	
Engineer:	
Contractor:	