

# TITAN 100

airocide®

**NEW TITAN 100 air sanitation offers an additional level of protection by helping to keep the air healthier and cleaner within Your: Offices, Break Rooms, Workstations, Fulfillment and Distribution Centers.**

## SPECIFICATIONS

- Next Generation of Airocide GCS-100 7 Times Faster!
- Re-engineered with new Proprietary PCO Lamps
- Two Stage Air Process that allows for more air turns
- Quicker and more efficient cleaning in larger areas
- Aluminum and Stainless Steel chassis
- Easy to Install and Operates 24/7 in most all environments

## MAINTENANCE

The Airocide technology has been designed and engineered for extremely low operational/maintenance cost. Each unit utilizes less than 4 amps with a power consumption of 390 watts. The proprietary high intensity energy PCO lamps only require annual replacement. The 4" protection filter should be replaced approximately every 6 months\*.

*\*NOTE: Depending on the particular dust load in a given environment, the filter may need to be changed more frequently.*

## TECHNICAL DATA

Area size	max 1133 m <sup>3</sup>
Electricity	100-240V, 50/60 Hz
Cleaning capacity	350 m <sup>3</sup> / hour
Power	390 W / 195 W
Dimensionscm	99,1 x 55,9 x 36,5 cm
Weight	31,75 kg
Noise level	49 dB(A)



PM 2.5



Pollen



Mold Spores



Bacteria



Viruses



VOCs



Odors



Smoke

## RECOMMENDED APPLICATIONS

- Venues
- Cafeterias
- School Gyms
- Sports halls
- Assembly plants
- Swimming pools
- Business lounges
- Workstations
- Industrial halls

## AIROCIDE® PROFESSIONAL SOLUTIONS

## INDUSTRIAL

AIROCIDE®'s NASA-patented photocatalytic oxidation has been clinically proven to eliminate all airborne pathogens, viruses, molds, allergens and VOCs. When air passes through the device's reaction chamber's the contaminants collide with hydroxyl radicals resulting in clean air output without producing harmful ozone.

TECHNOLOGY DEVELOPED BY  
**NASA**

*Photocatalytic oxidation is the only UV-based technology that does not generate Ozone, which is toxic and harmful. The equipment does not produce any harmful substances, its use is completely safe. This is the reason why NASA uses this technology up to this day. The device meets the requirements of the European Union EMC (Electro Magnetic Compatibility) 2014/30 and Low Voltage 2014/35 directives. The Airocide technology is cleared by the FDA (United States Food and Drug Administration) as a Class 2 medical device.*

# HD 1 200

# airocide®



PM 2.5



Pollen



Mold Spores



Bacteria



Viruses



VOCs



Odors



Smoke

#### TECHNICAL DATA

Area size	max 85 m <sup>2</sup>
Electricity	100-240V, 50/60 Hz
Cleaning capacity	68 m <sup>3</sup> / hour
Power	100 W
Dimensionscm	45,7 x 44,15 x 14 cm
Weight	8,62 kg
Noise level	60 dB(A)

#### RECOMMENDED APPLICATIONS

- Health centres
- Wineries
- Food processing plants
- Cold storage rooms
- Vegetables and fruit warehouses
- Floricultural plants and storages
- Fitness rooms

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**T&C**  
GROUP

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# HD 1500

# airocide®



PM 2.5



Pollen



Mold Spores



Bacteria



Viruses



VOCs



Odors



Smoke

#### TECHNICAL DATA

Area size	max 114 m <sup>2</sup>
Electricity	100-240V, 50/60 Hz
Cleaning capacity	114 m <sup>3</sup> / hour
Power	100 W
Dimensionscm	45,7 x 44,15 x 14 cm
Weight	8,16 kg
Noise level	60 dB(A)

#### RECOMMENDED APPLICATIONS

- Health centres
- Wineries
- Food processing plants
- Cold storage rooms
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# HD 25 000

# airocide®



PM 2.5



Pollen



Mold Spores



Bacteria



Viruses



VOCs



Odors



Smoke

#### TECHNICAL DATA

Area size	max 354 m <sup>2</sup>
Electricity	100-240V, 50/60 Hz
Cleaning capacity	118 m <sup>3</sup> / hour
Power	180 W
Dimensionscm	68,6 x 47,6 x 22,9 cm
Weight	31,75 kg
Noise level	72 dB(A)

#### RECOMMENDED APPLICATIONS

- Health centres
- Wineries
- Food processing plants
- Cold storage rooms
- Vegetables and fruit warehouses
- Floricultural plants and storages
- Fitness rooms

## AIROCIDE® PROFESSIONAL SOLUTIONS

## INDUSTRIAL

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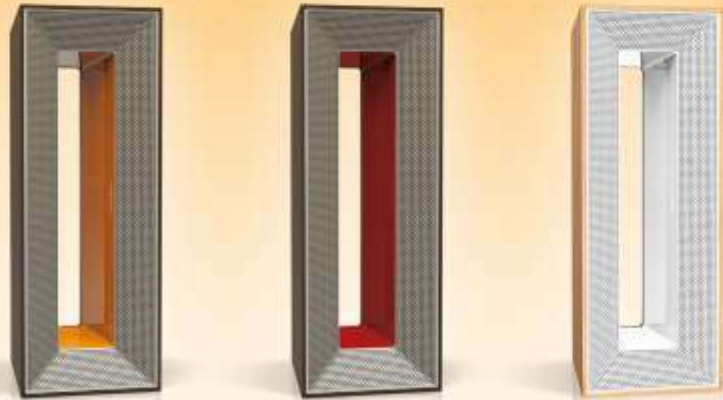


# airocide®



## COMPARISON

The new APS-200 PM 2.5 model is the most powerful technology available from Airocide. It takes NASA's elegant solution for removing Bacteria, Mold, Virus, and VOC artfully deployed in our APS-200 model, and combines it with effective new materials to solve the vexing problem of PM 2.5. Airocide has employed a state of the art Carbon/Permanganate blend, Hospital Grade MERV media, and enhanced NASA PCO Catalyst design to provide owners with a total indoor air quality solution. It is a significant step up for our award winning brand, and truly air purification that works.



	APS-200	APS-200 PM 2.5	APS-300
Disease Causing Bacteria	×	×	×
Allergy Inducing Mold	×	×	×
Harmful Viruses	×	×	×
Dangerous VOCs	×	×	×
Nitrogen and Sulfur Gases (part of pm 2.5 in Asia)		×	
Particulate Matter (part of pm 2.5 in Asia)		×	
Smoke		×	
Dust		×	

## AIROCIDE® AIR PURIFIER

## HOME UNIT

Developed by NASA, this device is specifically designed to sanitize smaller airspaces. Using the process of Photocatalytic Oxidation, Airocide does not filter, but destroys airborne viruses, bacteria, moulds, allergens and VOC gases.

The EDISON AWARD award-winning design and construction provides optimal airflow and the maximized disinfection. Airocide is quiet; with 3-speed ventilation - low, automatic, maximum - ensures peaceful sleep and comfort.



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# COMPARISON of INDUSTRIAL PRODUCTS

# airocide®



**TITAN**



**HD-25 000**



**HD-1 500**



**HD-1 200**



**GCS-100**



**GCS-50**



**GCS-25**

**SIZE PER UNIT (m³)**

1133

354\* / 708\*\*

114

85

259\* - 1032\*\*

342\* - 1368\*\*

204\* - 816\*\*

**CATEGORY**

Commercial

Residential / Commercial

Residential / Commercial

Residential / Commercial

Commercial

Commercial

Residential / Commercial

**PROTECTIVE FILTER**

Yes

Yes

Yes

Yes

No

No

No

**POSSIBLE APPLICATIONS**

For larger commercial applications

For larger commercial applications

Any commercial room / area smaller than 113 m³

For larger commercial applications

For larger commercial applications

For larger commercial applications

For larger commercial applications

**FEATURES**

Fastest of all Airocide Units  
12 Month Lamp Reminder  
MAX Catalyst Process  
Quick Release Cover  
Added Filtration

Faster Speeds  
12 Month Lamp Reminder  
MAX Catalyst Process  
Quick Release Lid  
Added Filtration

Faster Speeds  
12 Month Lamp Reminder  
MAX Catalyst Process  
Quick Release Lid  
Added Filtration

Faster Speeds  
12 Month Lamp Reminder  
MAX Catalyst Process  
Quick Release Lid  
Added Filtration

Most Powerful AiroCide Unit  
12 Month Lamp Reminder  
No Filter

Sleek Design  
12 Month Lamp Reminder  
No Filter

Sleek Design  
12 Month Lamp Reminder  
No Filter

**DIMENSIONS**

99,1 x 55,9 x 36,6

68,6 x 47,6 x 22,9

45,7 x 44,15 x 14

45,7 x 44,15 x 14

106,5 x 59,5 x 11,7

72 x 58,1 x 11,6

46,5 x 52,5 x 11,5

\* for general, medical and non perishable applications with more air turns (i.e. schools, health centers, offices, workshops). \*\* for perishable applications (i.e. wine barrel / storage rooms or food processing and storage). Note: The above Max cubic meter recommendations are for "Normal" environments - any extreme environments will require these Max cubic meter specs to be lowered (anywhere from 25 - 50% lower). We can help these types of situations on a case by case basis.

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