

Introducing the most technically advanced indoor  
air treatment system

air sniper ™

# Sleep better and breathe easier with clean air



## In your home

There are many factors that adversely affect the indoor air quality of your home. These include biological pathogens and chemical pollutants like odors or volatile organic compounds (VOCs), which can negatively affect a person's health. The Air Sniper has been designed to work independently of your ventilation system to continuously eliminate these risks to your health. Our patented technology destroys both airborne VOCs and airborne particulates like mold spores, bacteria, dander, fungi, pollens, and dust mites. By removing these airborne health risks from the indoor air it means that your family members, and especially those with respiratory issues like allergies or asthma, will breathe easier and enjoy a higher level of health overall.

# Clean indoor air has benefits

On average people spend close to 90% of their time indoors between work, home, and commercial buildings. That is why good indoor air quality is essential to optimum health.

## Child Care

Airborne bacteria and viruses are spread easily in a room full of children. The Air Sniper destroys 99.9% of these airborne contagions as they pass through the unit, which can help to reduce runny noses and doctor visits.

## The Workplace

Absenteeism costs companies thousands of dollars every year in lost productivity. Putting the Air Sniper in your workplace can improve the health of your employees and reduce the number of sick days.

## Hospitals

Hospitals can be full of serious contagious threats. To combat this, they constantly clean exposed surfaces and medical instruments, but these cleaning chemicals can produce volatile organic compounds (VOCs). The Air Sniper will destroy both the airborne pathogens and the VOCs that pass through it, to effectively sterilize the air.

## Assisted Living

People with weak immune systems or respiratory disorders are much more susceptible to airborne pathogens that can cause reactions or disease. Protect your loved ones with the cleanest air possible.

## Doctors Offices & Medical Clinics

By nature, a waiting room has an abundance of possible pathogen threats. The Air Sniper can reduce the risk of contracting a "clinic acquired disease" by continuously destroying airborne bacteria and viruses.



# Air Sniper™

Congratulations on your purchase of Air Sniper air sterilizer, Alpine Innovative Research Inc.'s most advanced and cost-effective air sterilizer, combining filtration, germicidal ultraviolet irradiation and photo-catalysis to control airborne pathogens/allergens, particulates, microbes, and odours. The high quality of this unit and its components will ensure many years of trouble-free, low-maintenance operation.



## Air Sniper Tower

Suggested Coverage 400 – 600 sqft  
Adjustable Fan Speed (50 – 90 cfm)  
72 Watts UVC



## Air Sniper Pro

Suggested Coverage 800 – 1200 sqft  
Adjustable Fan Speed (70 – 130 cfm)  
108 Watts UVC



## Air Sniper Elite

Suggested Coverage 1500 – 2300 sqft  
Adjustable Fan Speed (130 – 250 cfm)  
216 Watts UVC



Air Sniper™  
Family of Air Sterilizers

## Air Sniper Tower



## Air Sniper Pro



## Air Sniper Elite

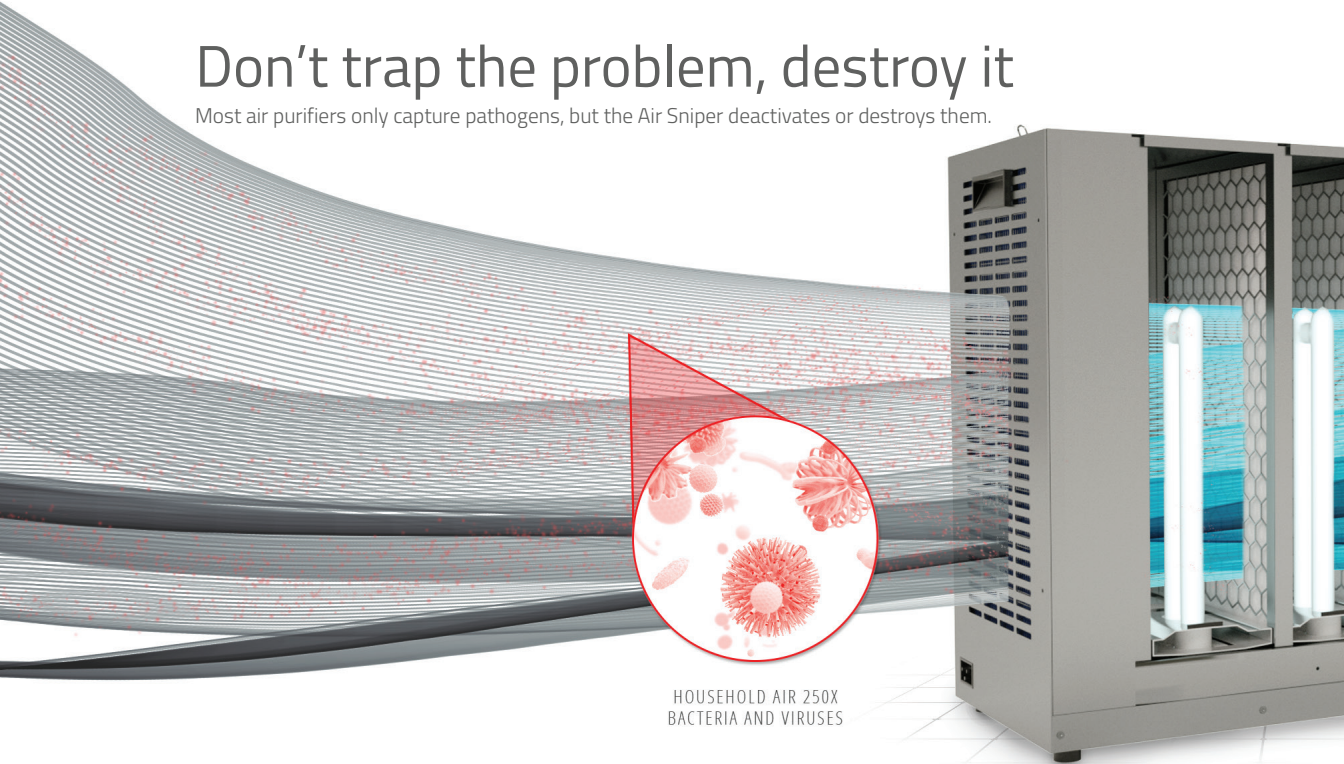


Dimensions	37.5cm(W) 59.7cm(H) 37.5cm(D)	56.5cm(W) 37.5cm(H) 19.1cm(D)	64.8cm(W) 52.7cm(H) 24.1cm(D)
Power Requirements	110-240V, 60/50 HZ	110-240V, 60/50 HZ	110-240V, 50/60 HZ
Weight, system incl. filters	37lb (17.78kg)	40lbs. (18.14kg)	65lbs (29.48 kg)
Fan Speed	50 – 90 cfm	70 – 130 cfm	130 – 250 cfm
Housing Material	Brushed Stainless steel	Brushed Stainless steel	Brushed Stainless steel
Suggested Coverage	400 – 600 ft <sup>2</sup>	800 – 1200 ft <sup>2</sup>	1500 – 2300 ft <sup>2</sup>
UVGI Chambers	1	3	3
Washable Prefilters	Yes	Yes	Yes
Sleep Mode	Yes	Yes	Yes
Motion Sensor	Yes	Yes	Yes
iPhone/Android App	Yes	Yes	Yes

Replacement Parts	Parts List			Parts List			Parts List		
	Part Description	Amount	Unit Part	Part Description	Amount	Unit Part	Part Description	Amount	Unit Part
To order your replacement parts visit <a href="http://AirSniper.ca">AirSniper.ca</a>	36 Watt UV-C Bulb	2	020NS36	18 Watt UV-C Bulb	6	010NS18	36 Watt UV-C Bulb	6	020NS36
	Pre-Filter	4	030T18750	Pre-Filter	1	040P12725	Pre-Filter	1	050E18950
	Photocatalytic Element	4	060T18750	Photocatalytic Element	4	65P-0010	Photocatalytic Element	4	080E18850

# Don't trap the problem, destroy it

Most air purifiers only capture pathogens, but the Air Sniper deactivates or destroys them.



HOUSEHOLD AIR 250X  
BACTERIA AND VIRUSES

## Pre-Filter Air

Incoming air goes through a washable pre-filter that has special ultraviolet light resistant properties.

## Ultraviolet Germicidal Irradiation (UVGI)

When microorganisms (including all viruses, bacteria and fungal spores) are exposed to sufficient UVGI it destroys their nucleic acids and disrupts their DNA, leaving them unable to perform vital cellular functions and rendering them harmless or inert.



SANITIZED  
HOUSEHOLD AIR 250X  
DEACTIVATION/DESTRUCTION  
OF BACTERIA  
AND VIRUSES

## Patented Photocatalytic Elements

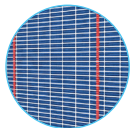
Our patented photocatalytic elements consist of high purity quartz (UVC fibre optic conducting) wool coated with anatase titanium dioxide, which creates an enormous photocatalytic active surface to maximize the amount of VOC and pathogen destruction.

## Sterilized Air Flow

A powerful, yet quiet, industrial fan pulls air into the Air Sniper at a rate of 90 / 130 / 250 cubic feet per minute (Tower / Pro / Elite) in an average room in 20 minutes.

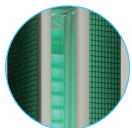
# An air sterilizer that fits your home

Your family members with respiratory illnesses or allergies will breathe easier and sleep more sound



## Easy To Clean Filters

The filters can be easily cleaned with water and soap. No replacement filters necessary.



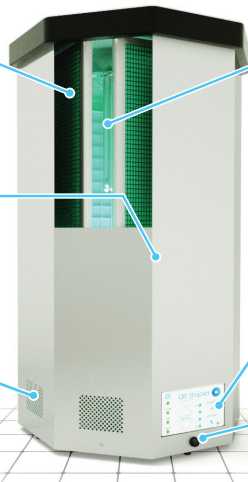
## Patented Photocatalytic Elements

Four patented Photocatalytic Oxidation (PCO) elements combine to create more than 200 square feet of active photocatalytic surface, which packs a big punch into a small size.



## Constant Air Flow

Because the Air Sniper doesn't have internal HEPA or carbon filters that can clog or saturate, it delivers a consistent air flow that doesn't reduce over time (as long as the filters are maintained).



## UVGI Chamber

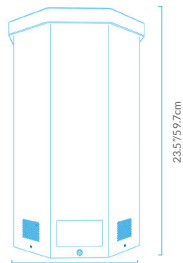
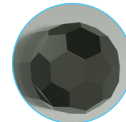
The ultraviolet germicidal irradiation (UVGI) chamber destroys the nucleic acids and disrupts the DNA of microorganisms including all viruses, bacteria and fungal spores.

## Sleep Mode

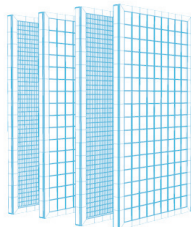
Easily put the unit into sleep mode, which reduces the fan to a whisper level and dims all of the lights. When you get up simply touch any button to return to normal operation.

## Motion Sensor

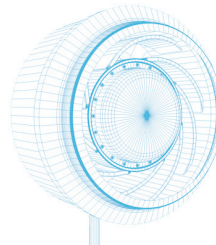
The sensor detects if people are in the room and reduces the airflow to your preferred level. Then when you leave, it returns to full speed to maximize it's effectiveness.



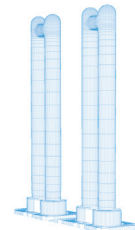
14.7" / 37.5 cm



Four washable pre filters



60 Cubic Feet per Minute (cfm)

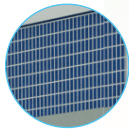


36W each for a total of 72W



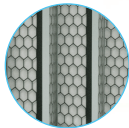
# The most advanced air sterilizer

Our three powerful UVGI chambers and our patented photocatalytic elements destroy virtually all airborne pathogens.



## Easy To Clean Filter

The pre-filter can be easily cleaned with water and soap. No replacement filters necessary.



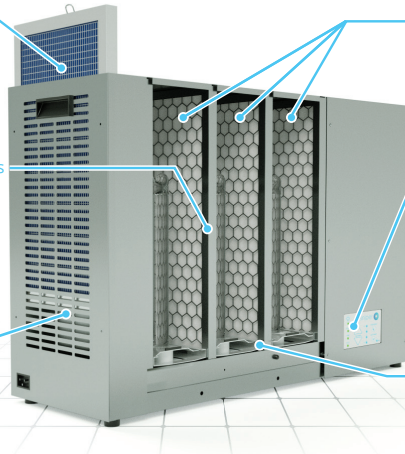
## Patented Photocatalytic Elements

Four patented Photocatalytic Oxidation (PCO) elements combine to create more than 200 square feet of active photocatalytic surface, which packs a big punch into a small size.



## Constant Air Flow

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## Three UVGI Chambers

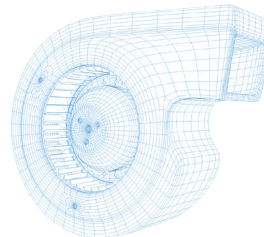
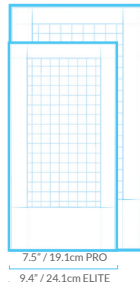
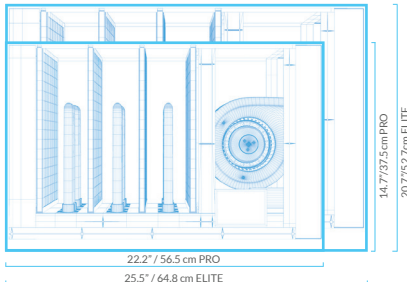
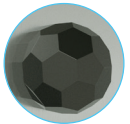
Ensures that the Air Sniper can deliver a lethal dose of UVGI to all bacteria and viruses as they pass through the unit.

## Sleep Mode

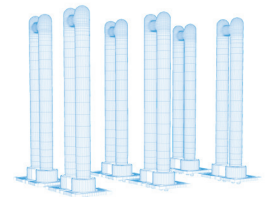
Easily put the unit into sleep mode, which reduces the fan to a whisper level and dims all of the lights. When you get up simply touch any button to return to normal operation.

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The sensor detects if people are in the room and reduces the airflow to your preferred level. Then when you leave, it returns to full speed to maximize it's effectiveness.



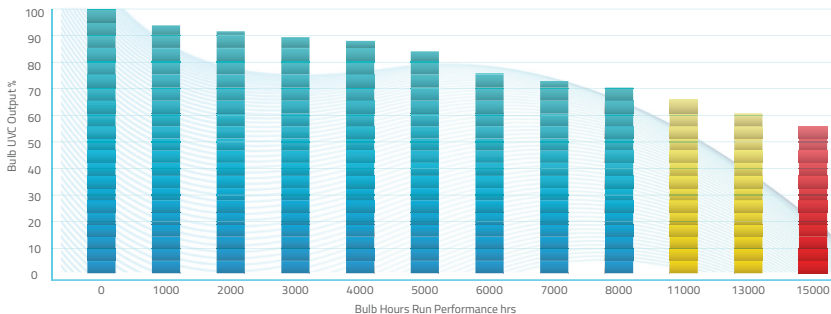
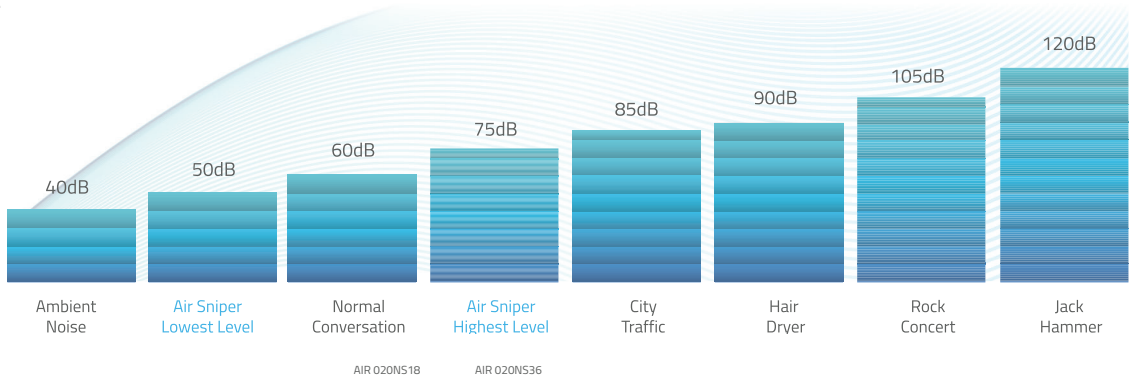
130 Cubic Feet per Minute (cfm) PRO  
250 Cubic Feet per Minute (cfm) ELITE



18W each for a total of 108W PRO  
36W each for a total of 216W ELITE

# Product Information

The Air Sniper was designed and developed to sterilize the air rather than filter it. We achieve this by maximizing both the UVGI output and our patented photocatalytic element that increases the effective photocatalytic surface area dramatically. The performance results are an amazing first pass destruction rate for microorganisms and a first pass reduction in volatile organic compounds (VOCs can be large molecules and will sometimes require multiple passes through unit to eliminate completely). It's also designed to run 24 hours a day, seven days a week.



To order your replacement bulbs visit [AirSniper.ca](http://AirSniper.ca).

Part Description	Unit Part
36 Watt UV-C Bulb	020NS36
18 Watt UV-C Bulb	020NS18

Replacement bulbs come with unique bulb life reset codes for your unit.

# Why We Started It All

Traditional air purifiers have been on the market for quite a while, but they only trap harmful particles, and they slowly lose their effectiveness as they saturate and eventually clog. To find a solution, we dedicated ourselves to build something better. Now, after years of research and multiple prototypes, we're proud to finally introduce you to the Air Sniper. We painstakingly designed our own patented technology to permanently destroy mold spores, pet dander, fungi, pollens, dust mites, etc. Removing these pollutants from the air means that your family members with respiratory illnesses or allergies will breathe easier and sleep more sound. And it gives us great pleasure to know that we can have a positive impact in their lives.

## Proudly Made in Canada

The Air Sniper uses advanced technology and components from around the world, but we are proud to design and manufacture our product right here in Canada. Each unit is assembled and tested in our facility near the Rocky Mountains in Calgary, Alberta.



### The Facility

The Air Sniper is built in a 45,000 square foot production facility using state of the art manufacturing equipment. We are ISO 9001:2008 certified and follow ISO processes and procedures in all aspects of manufacturing.



### Assembly

We have a very dedicated team of individuals working on the final assembly of the Air Sniper unit. Our veteran staff ensures the highest quality of every unit built. At the end of the build process, a 3D Automated Optical Inspection is performed to ensure 100% compliance with build specifications.



### Quality Assurance & Testing

Our Quality Control Department plays a major role in the build process of the Air Sniper. We ensure that quality standards are being met during each phase of the build, including a 100% inspection of each step in the build process. Our guarantee of quality upon delivery.

The background of the image features a series of overlapping, wavy lines in various shades of blue, ranging from light cyan to dark navy. These lines create a sense of motion and depth, flowing across the frame from left to right. The lines are composed of many thin, parallel strokes, giving them a textured, almost fabric-like appearance. The overall effect is modern and dynamic.

Get yours online at [AirSniper.ca](https://AirSniper.ca)