



Air Sniper™
Owner operator manual

Air Sniper™

Tower | Pro | Elite

Introduction	1
Set-up Instructions	2
Features/How To	3-5
▪ Fan Speed	3
▪ Sleep Mode	3
▪ Motion Sensor	3
▪ Bulb Life	4
▪ Filter Warning	4
Maintenance	5-8
▪ Air Sniper tower	5-6
▪ Air Sniper Pro/Elite	7-8
Troubleshooting	9
Replacement Parts	10
Warranty	11
Contact Info	12



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

Set-up instructions & features

- 1 Remove Air Sniper™ from crate or carton and remove any exterior wrappings.
- 2 Plug in power cord (115V/60Hz or 230V/50Hz receptacle).
- 3 Turn Air Sniper Power ON
- 4 When you first turn on your Air Sniper it will begin at maximum fan speed to cycle the air out of the unit.
- 5 Bulb light will glow red if bulbs are broken or displaced during shipping.
- 6 Set fan speed (Up/Down arrows). There are four speeds.
- 7 Listen to operating unit and "air rush" sound. If there are any "unusual" noises, immediately turn off the power and notify your Dealer or AIR, Alpine Innovative Research Inc as shipping damage may have occurred.
- 8 Check that there are no red fault (fail) lights glowing. These lights, if "red", are indicators of failures in the major components of the system. If all lights are green and blue the unit is already cleaning your air. The unit effectively cleans the air at all fan speeds. However, higher fan speeds increase the flow through the unit thereby increasing the volume of air treated in a given time. Increased fan speeds are accompanied by increased "air rush" noise, so owners may adjust speeds to noise level tolerance.

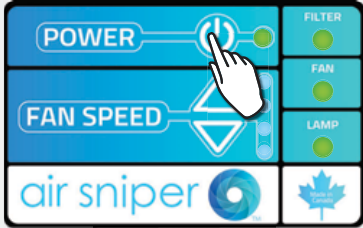


WARNING: Do not attempt to operate the UV-C lamps outside the unit. UV-C radiation is extremely harmful to unprotected (uncovered) eyes and skin.

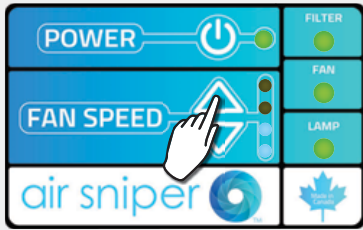
DO NOT REMOVE ANY PANEL OR PERFORM ANY SERVICE UNLESS THE UNIT HAS BEEN SWITCHED OFF AND UNPLUGGED.
DO NOT OPERATE A UNIT THAT HAS BEEN DAMAGED OR IS MISSING ANY COMPONENTS OR SAFETY DEVICES.
NEVER POWER UP THE UNIT WITHOUT CHASSIS PANELS OR WASHABLE FILTER(S) IN PLACE.
NEVER POWER UP UV LAMPS OUTSIDE OF THE UNIT.

Features/How To

Setting Fan Speed



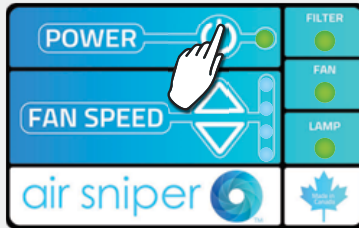
The fan(s) always go to full speed for 2 seconds on power up then to the users setting (if its last setting was lower than full speed).



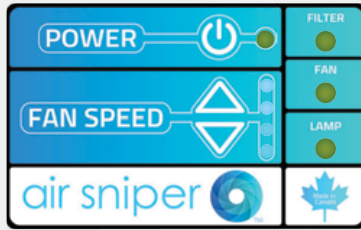
Use the up/down buttons to select 1 of 4 fan speeds. The Air Sniper remembers both the on/off state and fan speed and will resume the previous state after a power cycle.



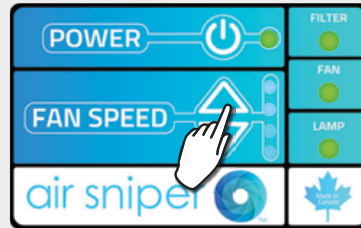
Sleep Mode



Sleep mode is activated by holding the Power button for 3 seconds while the unit is running.



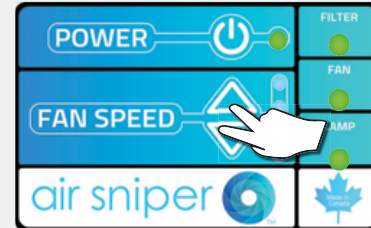
The LEDs will dim and the fan will go to its lowest speed.



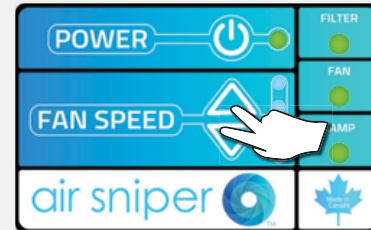
To exit sleep mode press any button. The unit will return to the last speed setting set by the user.



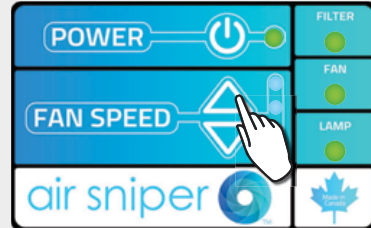
Motion Sensor



Press both the Up and Down arrows together until the blue fan lights blink. Press the Up Down arrows to set desired fan level.



Press both up and down again to exit or wait 30 seconds for it to timeout.

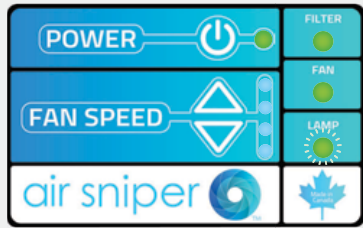


A user can override the fan speed anytime by turning the fan up (or down). This manual override lasts 90 minutes. After 90 minutes the motion sensor is active again.

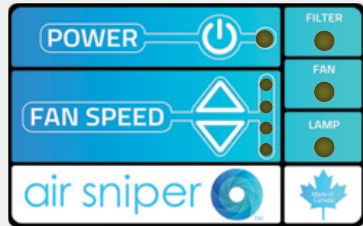


Bulb Life Warning

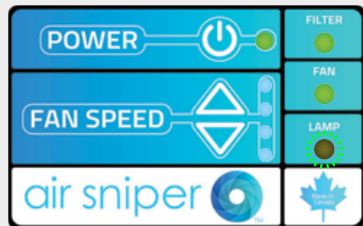
(Refer to the maintenance section to find directions on how to replace your bulbs)



The bulb LED will blink on/off for 1 minute every 30 minutes once it hits 15 months or after 456 days power-on time.



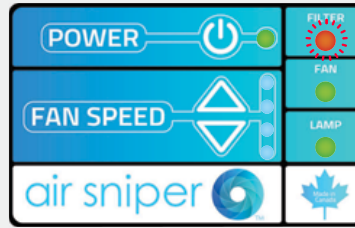
After 18 months or Approx. 547 days of power-on time the unit will turn off and indicates the bulbs need replacing.



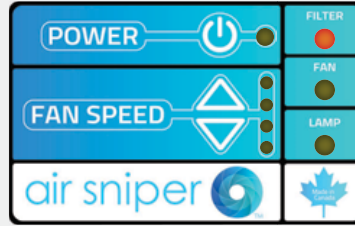
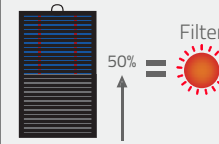
Once you receive your replacement bulbs you will be provided a reset sequence from AIR in order to reset the internal timers for another 13,128 hours of air sterilization

Removable Filter Warning

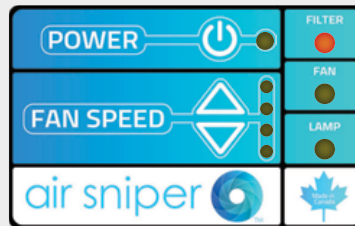
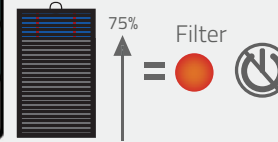
(Refer to the maintenance section to find directions on how to clean your filter)



If the filter is 50% plugged the LED will flash RED.



If the filter is 75% plugged the filter LED is on and the unit shuts down.



This is the case on full speed. As you go to a lower speed more of the filter may need to be plugged to get the LED to light.

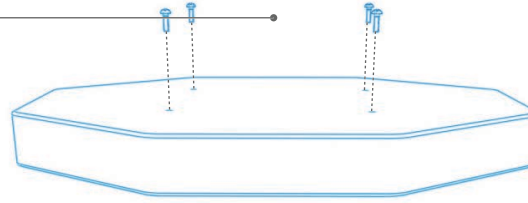
Filter Cleaning - Air Sniper Tower

The filter light will flash red if it is 50% saturated or greater. When it is 75% saturated or greater The filter light will glow solid red and the unit will turn off until clean & dry.



WARNING: Unplug the unit and ensure that there is no power. UV-C radiation is extremely harmful to unprotected eyes & skin.

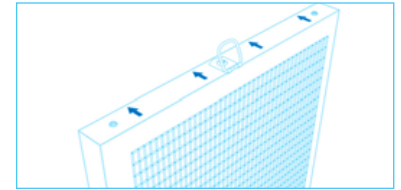
- 1 To access the filters, remove the 4 screws on top using a Phillips screwdriver.



- 3 As the water runs through the filter, wipe the mesh side with a wet cloth. **DO NOT SUBMERGE THE FILTERS.** Allow filters dry for 1 hour.



- 2 Pull out each of the 4 filters and run each filter under warm water making sure to rinse them in reverse of the air flow (refer to the arrow) so that the water can push the particles out.



- 4 Place all 4 filters back in the unit with the green mesh facing out and in accordance to the Air Flow Arrows facing inward. Place lid on unit and tighten screws. Do not over-tighten screws.

UV-C Bulb Replacement - Air Sniper Tower

The bulb light will flash once every 30 minutes once the bulbs have reached 10,944 hours of use (465 days 24/7) and the bulb light will turn red and unit will shut off completely once it has reached 13,128 hours (547 days 24/7). You can order new bulbs on AirSniper.ca.



WARNING: Unplug the unit and ensure that there is no power. UV-C radiation is extremely harmful to unprotected eyes & skin.

- 1 To access the bulbs, remove the 4 screws on top using a Phillips screwdriver.
- 2 Disconnect the bulb base from the white molex that contains the power wires.
- 3 Remove ONLY the 4 wing nuts to detach the bulb base from the top panel of the unit.
- 4 Gently lift up the bulb base to expose the bulb housing. Flip the housing upright and place on an even surface.
- 5 Remove the 2 wing-nuts on the bulb housing and carefully slide it up and over the bulbs.
- 6 Remove the bulbs from there sockets and recycle them. Clip in new replacement bulbs and carefully replace bulb housing and tighten the 2 wing-nuts.
- 7 Flip the bulb base back over and Re-insert it into the unit. Hand tighten the 4 wing-nuts to secure it.
- 8 Re-connect the white molex power clips to the bulb base securely.
- 9 Replace the cover and hand tighten the 4 screws. Do not over tighten screws. Plug in the unit and turn the power on. Enter the unique reset code provided with your replacement bulbs

Filter Cleaning - Air Sniper Pro + Elite

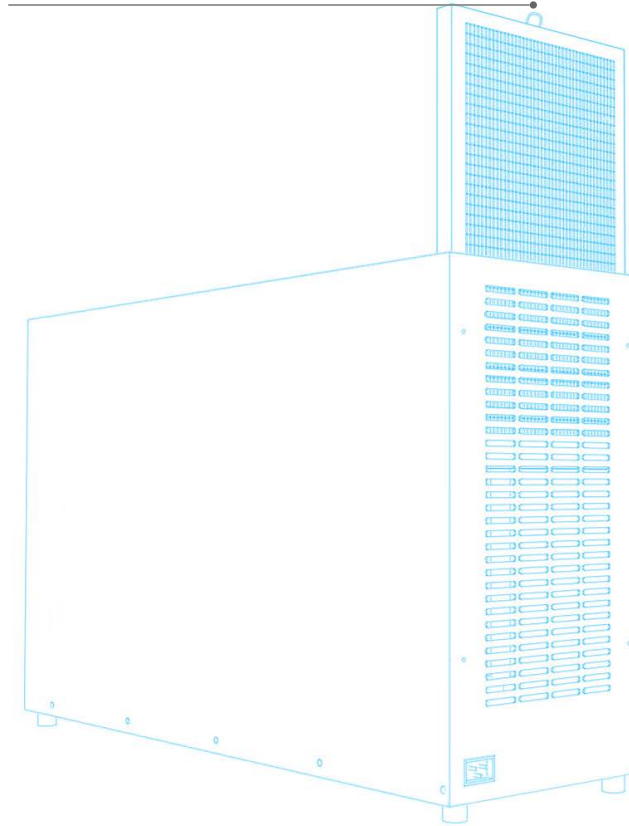
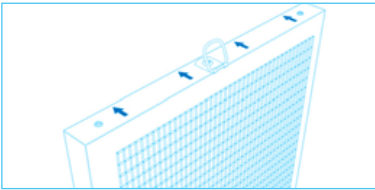
The filter light will flash red if it is 50% saturated or greater. When it is 75% saturated or greater the filter light will glow solid red and the unit will turn off until clean & dry.



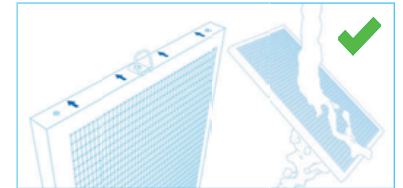
WARNING: Unplug the unit and ensure that there is no power. UV-C radiation is extremely harmful to unprotected eyes & skin.

- 1 Remove the filter by pulling up gently on the filters tab. The internal titanium coated elements never need cleaning.

- 3 Once you have completed rinsing the filters Let them dry completely for 1 hour. Once they are dry, place the filters back in the unit pay attention to the airflow direction indicator on the filter.



- 2 Run the filter under warm water making sure to rinse them in reverse of the air flow (refer to the arrow) so that the water can push the particles out. As the water runs through the filter, wipe the bottom with a wet cloth. DO NOT SUBMERGE THE FILTER.



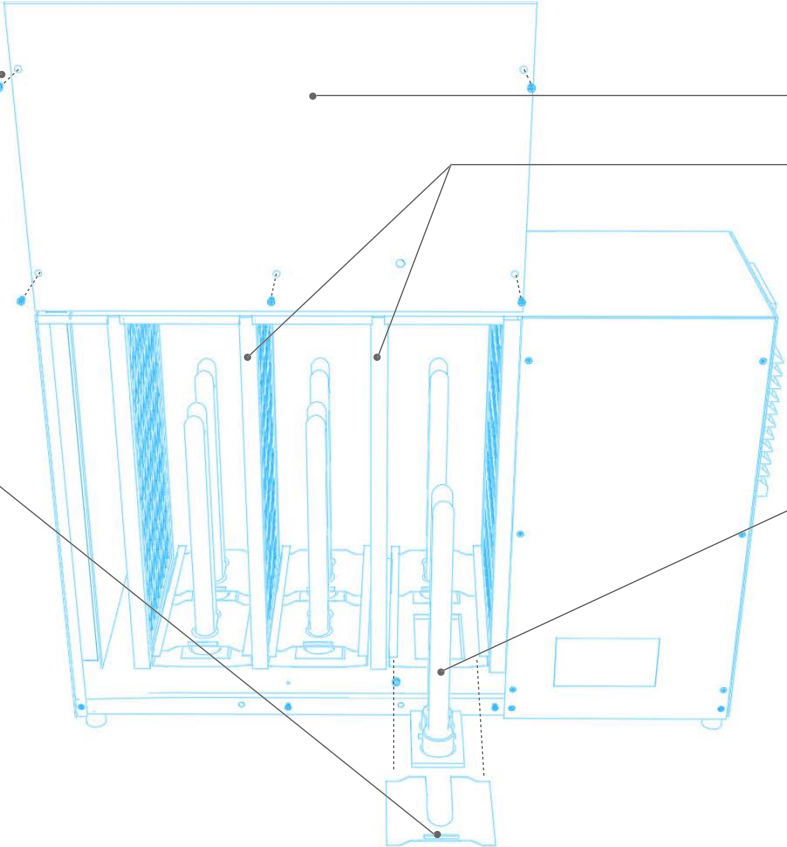
- 4 Plug in the Air Sniper and turn the power on. Ensure that the filter light is green and the unit appears to be operating correctly. If the filter light is red, it may be because the filter is still wet or it is not firmly placed in the unit. Please wait an additional 30 minutes and try to turn it on again.

UV-C Bulb Replacement - Air Sniper Pro + Elite

The bulb light will flash once every 30 minutes once the bulbs have reached 10,944 hours of use (546 days 24/7) and the bulb light will turn red and unit will shut off completely once it has reached 13,128 hours (547 days 24/7). You can order new bulbs on AirSniper.ca.



WARNING: Unplug the unit and ensure that there is no power. UV-C radiation is extremely harmful to unprotected eyes & skin.



- 1 To access the bulbs, remove the 9 screws on side and top of the UVGI Panel using a Phillips screwdriver.
- 2 Remove the UVGI enclosure panel and set aside.
- 2b (OPTIONAL) The middle 2 internal UVGI elements can be removed to assist those with larger hands in the removal of bulbs. **WARNING: DO NOT WASH THE UVGI ELEMENTS**
- 3 Pull out the bulb restraint clip that secures the bulbs. Grip the tab at the end and pull straight out.
- 4 Remove the burnt out or damaged bulb(s) and recycle. Place the new bulb(s) in the socket securely and replace the restraint clip. Replace internal UVGI filters if they were removed in step 2b.
- 5 Replace the UVGI enclosure panel and hand tighten the 9 screws so the panel is securely fastened. **WARNING: Ensure there is a tight seal before turning the power on to the unit. Exposure to UV light can damage unprotected skin and eyes.**
- 6 Plug in the Air Sniper and turn the power on. Enter the unique button reset code that was sent with the bulbs.

Trouble Shooting

Air Sniper™ unit will not start.	Ensure Air Sniper™ unit is connected to AC Power (115V 60Hz or 230V 50Hz).	If power connections OK, contact Dealer or Alpine Innovative Research.
Fan on, Light Fail (solid red light).	Turn off and unplug Air Sniper™ unit. Remove access cover and check the condition of each UV bulb filament. Any defective bulbs (broken envelope or filament) must be replaced per UV-C Bulb Replacement procedure (above). If "Light Fail" does not reset after this procedure there may be a failure of the ballast.	Contact Dealer or Alpine Innovative Research for return procedure and maintenance request.
Fan not on (Fan solid red light).	Do not attempt to disassemble or repair the Air Sniper™ fan yourself.	If power connections OK, contact Dealer or Alpine Innovative Research.
Restricted airflow (Filter red light blinking).	Check condition of washable pre-filter(s). If the filters are saturated proceed to routine maintenance section for washing instructions.	If washable pre-filter(s) appear to be in good / serviceable condition, contact Alpine Innovative Research.
No airflow (Filter red light solid on); unit shut down.	Check condition of washable pre-filter(s). If the filters are saturated proceed to routine maintenance section for washing instructions.	If washable pre-filter(s) appear to be in good / serviceable condition, contact Alpine Innovative Research.



WARNING: Do not attempt to operate the UV-C lamps outside the unit. UV-C radiation is extremely harmful to unprotected (uncovered) eyes and skin.



Air Sniper™
Family of Air Purifiers

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 ²			800 – 1200 ft ²			1500 – 2300 ft ²		
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		
To order your replacement parts visit AirSniper.ca	Part Description	Amount	Unit Part	Part Description	Amount	Unit Part	Part Description	Amount	Unit Part
	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	6SP-0010	Photocatalytic Element	4	080E18850

Limited Warranty

Three Year Warranty

Alpine Innovative Research Inc. (AIR) warrants the Air Sniper™ to be free from defects in the workmanship or materials under normal use and service (the "Warranty") for a period of three (3) years (the "Warranty Period") from the date of purchase through an AIR-authorized dealer/distributor. During the Warranty Period, should a Air Sniper™ be determined to be defective, AIR shall repair or replace the defective Air Sniper™ unit(s) (at AIR or dealer's option) within a reasonable period of time.

Thirty Day Guarantee

In the event you are not completely satisfied with your Air Sniper product within 30 days from the proof of purchase date. Return it to Air Alpine Innovative Research for a full refund.

Remedy Procedures

If the Air Sniper™ proves defective within the Warranty Period, the purchaser may choose one of the following remedies, after contacting AIR for a Return Authorization Number:

1. Return the defective Air Sniper™ unit to the dealer/distributor from whom it was purchased together with a copy of the bill of sale, or dated proof of purchase thereof and the Return Authorization Number; or
2. Ship the defective Air Sniper™ unit directly to Air Alpine Innovative Research Customer Warranty Department along with the Return Authorization Number.

Limitations

1. This Warranty is the only representation regarding the Air Sniper™, by Alpine Innovative Research Inc. of merchantability and fitness for use and shall extend to three (3) years from the date of purchase. The warranty excludes replaceable UVC bulbs and PCO (photocatalytic Elements.)
2. If it is determined by either Alpine Innovative Research Inc or an authorized dealer/distributor that the defect is the result of damage caused by the purchaser, the Warranty is null and void.

Contact Us

Any questions or concerns pertaining to this Warranty may be directed to AIR by E-mail, telephone, or facsimile:



AIR, Alpine Innovative Research.
Customer Warranty Department
3855 - 64th Avenue SE
Calgary, Alberta, Canada T2C 2V5
Toll Free 1 (888) 338-9549
Fax 1 (403) 279-7738
Email info@airsniper.ca



airsniper.ca

