

air sniper 



*Air Sniper Inflow Maintenance
manual*

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Air Sniper Inflow Maintenance manual

Thank you for purchasing and Air Sniper Inflow. This manual provides step-by-step instructions of how to set up and take care of your new unit.

Replacement bulb can be purchased on our website- <https://www.airsniper.ca/product/36w-replacement-bulb/>

Warranty

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 an 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.

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

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. 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

How to set up your Unit

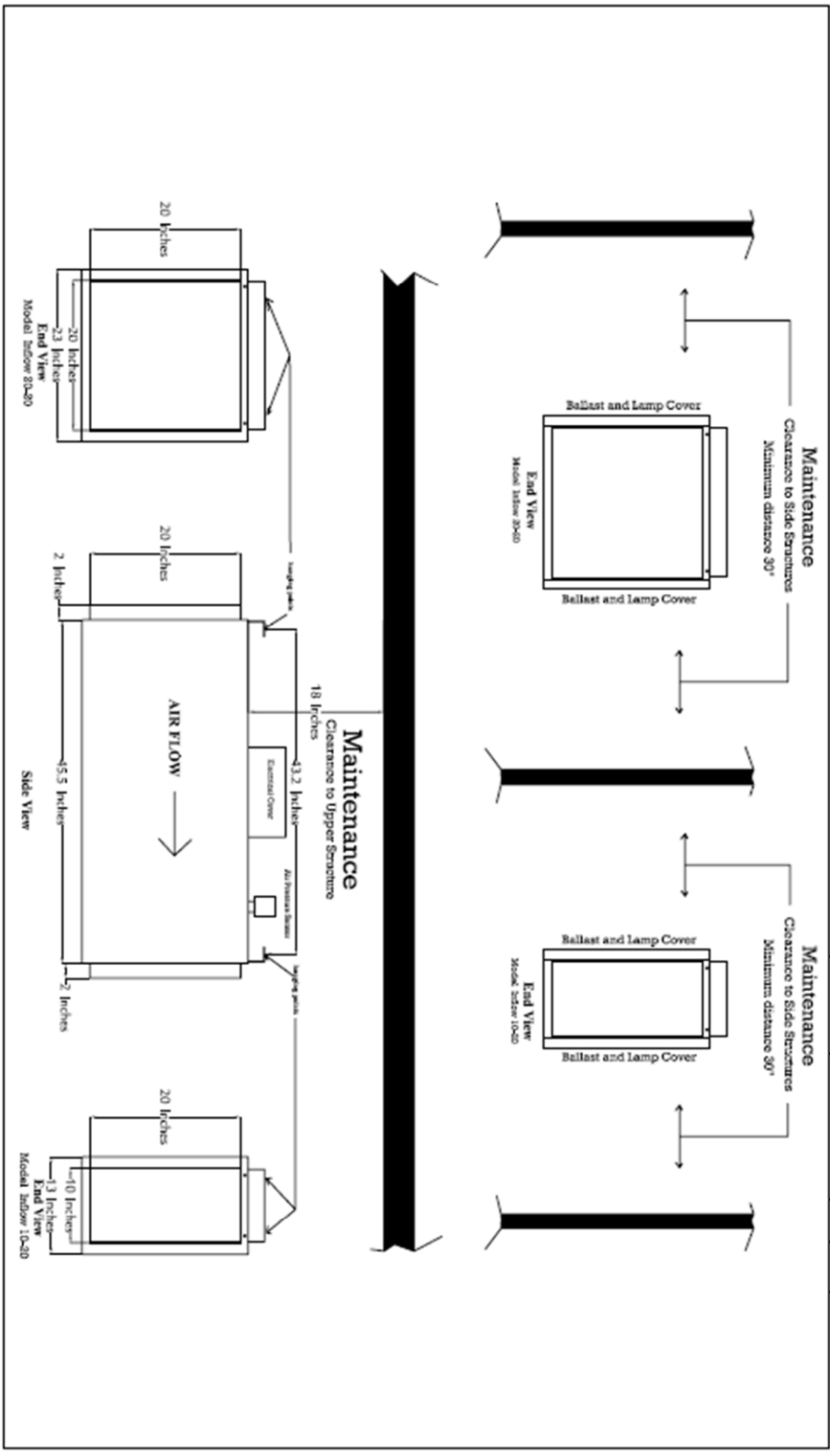
1. Carefully remove your Air Sniper inflow from the shipping carton and remove all exterior packaging.
2. Please refer to the drawings below and have your HVAC team follow for installation.

****Please note there must be a 30-inch space between the units if installing multiple as well as access to both sides of the unit***



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

Hardware Requirement			
Part Number	Quantity	Notes	Comments/Instructions



REV.	DESCRIPTION	DATE	BY	APPROVED
1				
2				
3				
4				

THE OPERATOR SHOULD IN THE SPACE IN THE SIDE VIEW OF THE DRAWING INDICATE THE LOCATION OF THE BALLAST AND LAMP COVER. THE BALLAST AND LAMP COVER SHOULD BE INDICATED IN THE SIDE VIEW OF THE DRAWING.

FOR RECORD ONLY	DATE	BY	APPROVED

AIR
 Hanging Detail/Ducting Detail
 Maintenance Clearances
 Inflow Air Treatment Systems
 PROJECT:

Connecting the unit to Wi-fi

All Air Sniper Ultras can be connected to the local Wi-Fi network to allow remote monitoring and control of the unit.

Link to video: <https://www.youtube.com/watch?v=rX2rzQnqiCM>

How to use touchscreen Video: <https://www.youtube.com/watch?v=rX2rzQnqiCM>

1. Ensure the unit is turned on.
2. Locate the Wi-Fi button on the touchscreen (between the moon and the settings button)
3. Press the Wi-Fi button to access the network screen.
4. Click on **Set up Wi-Fi**
5. The unit will then give you an option to select a network.
6. Choose the network that you would like to connect the unit to.
7. Enter the password for the network (if applicable)
8. The Wi-Fi button will turn **blue** when connected and display the current strength of the unit.

How to name and group Units in the Dashboard system

Air Sniper units may be named anything the customer would like with the dashboard system.

Link to video: <https://www.youtube.com/watch?v=9F-BAeLnKSc>

Note*** To Set up your dashboard system AIR will send you a time sensitive invite to access it initially. Please contact us to do so once the units have been connected to a wi-fi network.

1. Log into your Air Sniper dashboard.
2. Note the default name for the unit is the serial number (located on the sticker on the side of the unit).
3. Locate the unit in the unassigned group.
4. Expand the device by clicking on the search icon with the + beside the serial number of the unit.
5. Scroll over to the **Device attributes** section (located on the right-hand side of the section)
6. Click on the **Name** box.
7. Enter the name you would like to choose for the unit.
8. Click **Submit** and the unit will now show the name chosen in the dashboard.
9. To change the name of the unit simply repeat the steps and enter a different name.
***Note- the serial number of the unit can still be found under the “about” section by expanding the unit information (click the search button with the +)**

How to group a unit

1. Log into your Air Sniper dashboard.
2. If the unit is not grouped it will appear by default in the **unassigned group**.
3. Expand the device by clicking on the search icon with the + beside the name or serial number of the unit.
4. Scroll over to the **Device attributes** section.
5. Click on the box that says **group**
6. Enter the name of the group you would like to place the unit in.
7. Click **submit** and the unit will appear in the group you have selected.
8. To **Remove** a device from the group, repeat the steps and delete the name of the group then press **Submit**.

Unit cleaning (approximately every 6 months)

It is recommended that the Air Sniper Inflow units operating in the facility are quickly cleaned every 6 months to ensure all pathogens are irradiated.

Tools Needed:

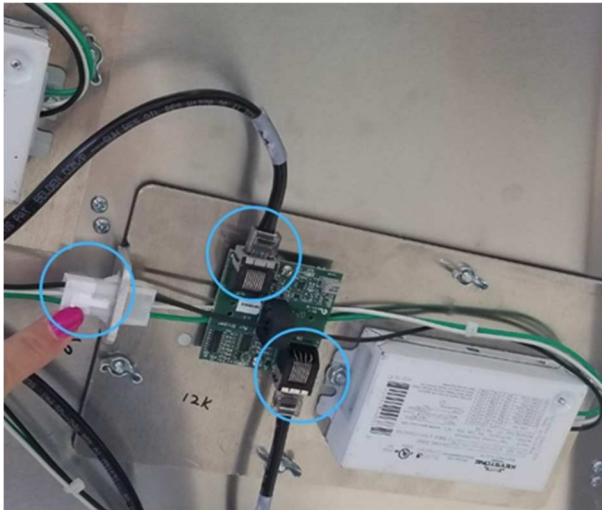
- Swiffer Handheld dust cleaner (Can be purchased at any local grocery store or off amazon)

Link: https://www.amazon.ca/Swiffer-Dusters-Extendable-Starter-4-Count/dp/B01BUM2LLM/ref=sr_1_5?keywords=swiffer+duster&qid=1556824512&s=gateway&sr=8-5

-Cloth gloves (if touching UVC reflective material)

Approximate time required: 45 minutes

1. Turn off the Air Sniper Inflow
2. Unplug the unit from the power source or disconnect the power source for the unit.
3. Let the bulbs inside the unit cool for 10-15 minutes
4. Remove panels from both sides of the unit.
5. Locate Bulb casings (7 on one side 8 on the other)
6. Unclip the 3 wires connected to the bulb casing (we recommend removing one casing at a time to ensure wires remain in the correct order)



7. Locate the 4-wingnuts on the casing.



8. Unscrew the 4-wingnuts.

9. remove bulb casing from unit (careful to not touch the UVC reflective material or bulbs)

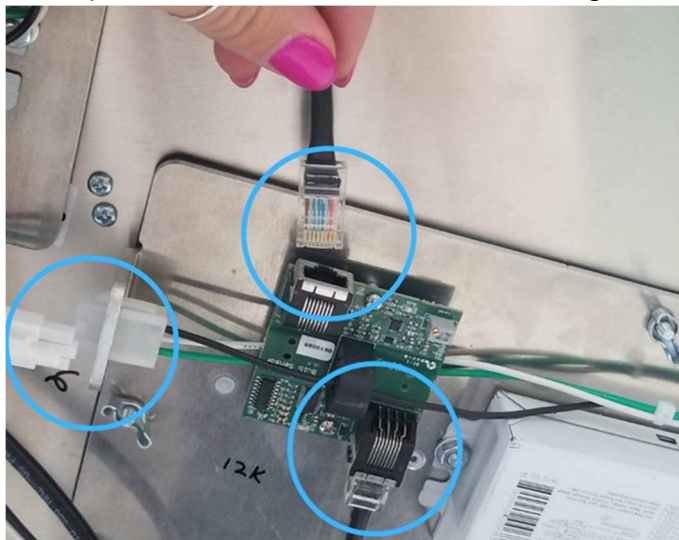
10. Use the Swiffer to clean the inside of the unit (UVC reflective material).

11. once complete re-insert the casing with the bulbs.

12. Re-insert casing into the unit ensuring it aligns with the screws and wire clips.

13. Re-secure the 4-winged nuts on the casing.

14. Clip the wires back into the bulb casing.



15. Repeat with all 15 casings.

16. When complete, place the panels back on either side of the unit.

17. Resume or plug unit back into the power source.

18. Turn unit back on.

19. Resume Airflow (if turned off, it is not required to turn airflow off)

Resume Saving your grow!

Bulb change

The Bulbs in your Air Sniper Ultra will need to be changed every **18 Months**. The Bulb life of the units can be monitored through the dashboard or via the touchscreen on the unit.

You can order new bulbs directly from the dashboard or from our website:

<https://www.airsniper.ca/product/36w-replacement-bulb/>

Note: A reset code will be required when changing the bulbs. Air Sniper will provide this code with the purchase of bulbs.

Tools Needed:

- 30 18-Watt Replacement bulbs low base
- Cotton Gloves for handling the bulbs and

Approximate time required: 90 Minutes

1. Turn off the Air Sniper Inflow.
2. Disconnect the unit from the power source or turn off the power source.
3. Allow the bulbs to cool off for 10-15 minutes to avoid potential burns.
4. Remove the metal panels from both sides of the unit.
5. Locate the bulb casings on each side of the unit. (7 on one side 8 on the other)
6. Locate the first bulb casing. (**we recommend changing the bulbs in each casing one at a time to ensure wires are connected to the correct casing**)
7. Unclip the wires connected to the casing there are a total of 3 wires to unclip.



8. Locate the 4-winged nuts.



9. Unscrew the 4-winged nuts from the casing.

10. Remove the casing from the unit.

11. Locate the nut on each side of the casing.



12. Unscrew the nuts on either side of the retainer.

13. Slide the bulb retainer over the bulbs

14. Remove old bulbs.

15. Insert new bulbs.

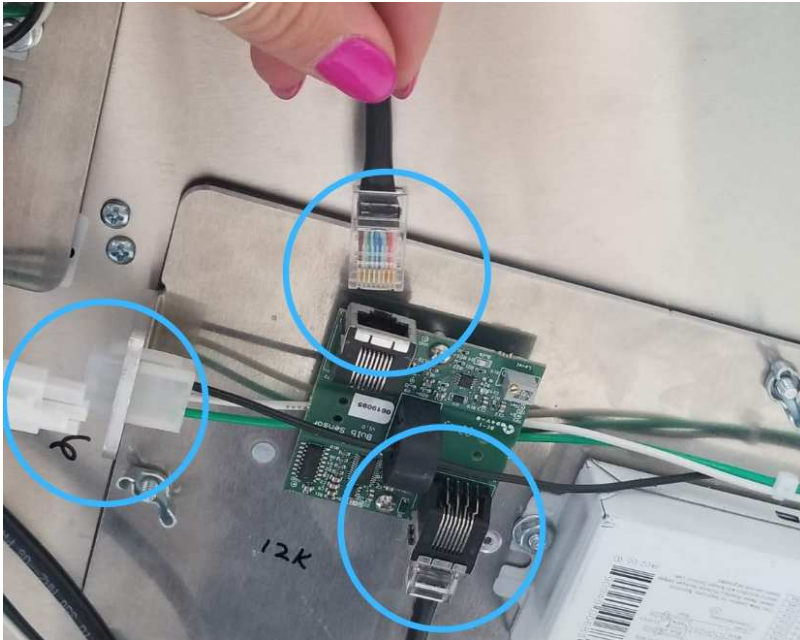
16. Slide the retainer back over the bulbs.

17. Re-secure retainer with the nuts.

18. Re-insert casing into the unit ensuring it aligns with the screws and wire clips.

19. Re-secure the 4-winged nuts on the casing.

20. Clip the wires back into the bulb casing.



21. Repeat with all 15 bulb casings.

22. When all 15 casings are complete replace the panels on either side of the unit.

23. Resume or plug unit back into the power source.

24. Turn unit back on.

25. Resume airflow (if turned off)

Resume saving your grow!