air sniper ™

Air Sniper Pro

Manual

Air Sniper Pro Maintenance Manual

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

Please contact AIR or your dealer to purchase replacement bulbs.

Videos of the instructions can be found on our website on the product page under maintenance videos or on our YouTube channel
https://www.airsniper.ca/

Warnings

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.
Disconnect unit from power source before conducting maintenance
Bulbs contain small amounts of Mercury. Please dispose of responsibly according to your local regulations.

Bulbs may also be returned to AIR head office.

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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 Email, telephone, or facsimile: AIR, Alpine Innovative Research.

Customer Warranty Department 6565- 40th Street SE Calgary, Alberta, Canada T2C 2J9 Toll Free 1 (888) 338-9549 Fax 1 (403) 279-7738

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How to set up your unit

This can also be found on the Air Sniper Quick Start Guide

1. Carefully remove your Air Sniper Pro from the shipping carton and remove all exterior packaging.

2. If your unit requires wall-mounting, unwrap the wall mount bracket and securely fasten it to the wall with screws.

3. If using a bracket, carefully clip the back of the unit into the bracket.

4. Plug the unit into the power source (115V/60Hz or 230V/50Hz).

5. Once the unit is connected to a power source the touchscreen will light up.

6. The unit will begin at maximum speed to cycle the air out of the unit.

7. If there is bulb damage from shipping, the bulb detector will display red.

8. Set the desired fan speed of the unit (this can be changed via the dashboard system or touchscreen anytime).

9. Listen to the unit for a typical fan sound, and if there are any "abnormal" sounds in the unit. If there are any abnormal sounds please turn the unit off immediately and contact the dealer or AIR, Alpine Innovative Research as damages may have occurred during transport.

10. Check the screen to see if there are any warning lights (bulb life, filter status). If all indicators present **green** or **blue** the unit is cleaning your air effectively.

Note**The unit effectively removes pathogens at all fan speeds. However, higher fan speeds increase the airflow, therefore increasing the volume of air treated at a time. Increasing the fan speed also increases the noise 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.

Connecting the unit to Wi-Fi

Can also be found under Air Sniper Quick Start Guide

All Air Sniper Pro's can be connected to the local Wi-Fi network to allow for 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.
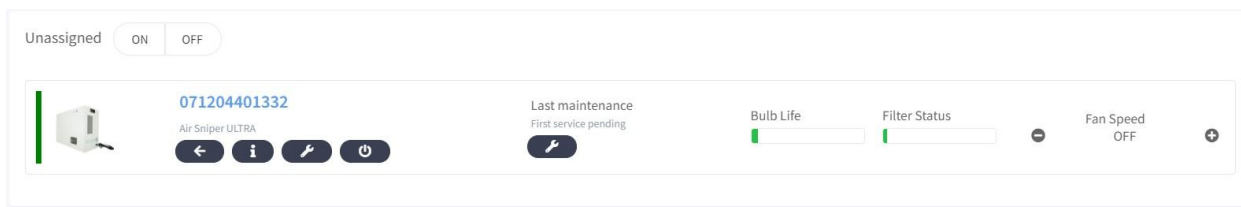
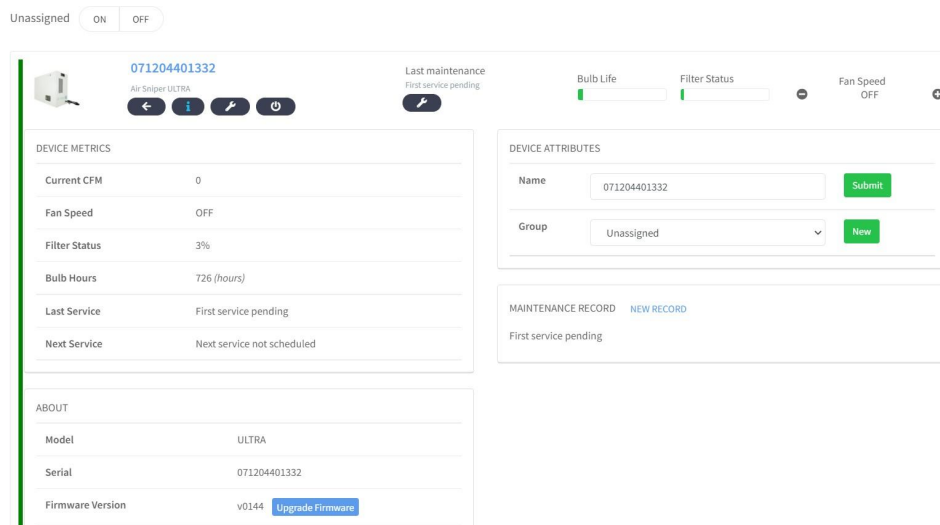# How to name and group units in the dashboard system

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

*** 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. Login to your Air Sniper Dashboard.
2. Note the default name for the unit is the serial number (located on the sticker on the exhaust end of the unit beside the power cord).
3. Locate the unit in the unassigned group.

4. Expand the device by clicking on the **i** beside the serial number of the unit.

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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.

How to group a unit

1. Login to 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 **i** icon below the name and serial number.

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**.

Filter Cleaning

The filter on your Air Sniper Pro will need cleaning when the dashboard or touchscreen indicates the filter status is red or about to turn red.

Link to video: https://www.youtube.com/watch?v=EpRY6dLdFzQ

Tools needed:

- Hot water
- Compressed air or vacuum

1. Turn off your Air Sniper Pro. The power button can be found on the touchscreen. When the unit is off the button will turn from green to **white.**

2. Unplug unit from the power source.

3. Locate the front-end panel (filter maintenance can be done while the unit is still on the wall).

4. Lower the front panel of the unit using the black knob or handle.

5. Locate the blue pre-filter on the inside of the panel.

6. Remove the blue pre-filter.

7. Locate the mesh panel.

8. Remove the mesh panel (this is the inner pre-filter).

9. Rinse both pre-filters with **hot** water thoroughly. Ensure both sides are cleaned to remove particulates.

10. Lay pre-filters flat to dry for 90-120 minutes or until **completely dry** (overnight is ideal to dry)**.**

11. After the pre-filters are dry, vacuum or use compressed air to blow them out.

12. Re-insert mesh panel (ensure panel is sitting firmly on the safety switch button at the bottom of the frame).

13. Re-insert the blue pre-filter in the front panel. Slide the front panel pre-filter back into place. Ensure all corners and sides are in place before closing the panel.

14. Close and lock the front panel. Once both pre-filters have been cleaned and put back into place, close the panel.

15. Plug the unit back in.

16. Turn the unit back on (the power button will turn **green**).

Element Cleaning

The elements of your Air Sniper Pro are located on the inside of your unit. There is a total of 4 elements located in your Air Sniper Pro. The elements should be cleaned approximately every 3 months.

Link to video: https://www.youtube.com/watch?v=xYPSgMpipIU

Tools needed:

- Flat head screwdriver
- Vacuum or air compressor
- Hot water

1. Turn off your Air Sniper Pro. The power button can be found on the touchscreen. When the unit is off the button will turn from green to **white.**

2. Unplug the unit from the power source.

3. Position the unit so that the side with the **touchscreen** is facing you.

4. Locate the quarter-turn fasteners on the unit. There is a **total of 7 fasteners** to remove the panel.

5. Using the flat head screwdriver, turn the fasteners counter-clockwise once.

6. Gently remove the panel.

7. Locate the **4 elements** in between each set of bulbs.

8. Slowly slide all **4 elements** out of the unit.

9. Rinse all elements with hot water

10. Lay elements flat to dry and leave for 6-12 hours (overnight if possible).

11. Once elements are completely dry, blow the elements out with compressed air or vacuum.

12. Slide the elements back into the unit.

13. Replace the panel on the unit.

14. Tighten the quarter-turn fasteners.

15. Plug the unit back in.

16. Turn the unit back on (the power button will turn **green**).

Bulb Change

The bulbs in your Air Sniper Pro 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.

To order replacement bulbs, please contact your local distributor or Air Sniper.

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

Link to video: https://www.youtube.com/watch?v=w0g8Cf1dYxQ&t=37s

***Bulbs contain small amounts of Mercury. Please dispose of responsibly according to your local regulations.
***Bulbs may also be returned to AIR head office.

Tools needed:

- 6 × 36-watt bulbs purchased from Air Sniper
- Flat head screwdriver
- 4-digit code (provided by Air Sniper)

Bulb Change

1. Turn off your Air Sniper Pro. The power button is located on the touchscreen. The button will turn from green to **white** when the unit is turned off.

2. Unplug the unit from the power source **(allow 20-30 minutes for the unit to cool off before touching bulbs).**

3. Position the unit so that the side with the **touchscreen** is facing you.

4. Locate the quarter-turn fasteners. **There is a total of 7 to remove the panel** (three on each side, one on the bottom).

5. Using a flat head screwdriver, turn the fasteners **counter-clockwise** once.

6. Gently remove the panel to access the bulbs.

7. Locate the metal bulb retainers at the base of each bulb.

8. Remove the first metal retainer (located at the base of the bulb).

9. Remove the old UV Bulb.

10. Repeat steps 8 and 9 with all the bulbs in the row.

11. Repeat with all 3 rows.

12. Insert a new bulb into the last space at the back (ensure it clicks into the slot).

13. Slide the metal retainer back until it clips on top of the new bulb.

14. Repeat moving back to front until all rows are completed.

15. Place the cover back on the unit.

16. Tighten the fasteners **(total of 7).**

17. Plug unit back in.

18. Turn the unit back on.

19. On the touchscreen, click the settings button (the top button on the far right).

20. Select "Reset Bulb Timer".

21. Enter in the 4-digit code provided with bulb order.

22. Press enter.

23. Bulb timer will reset to green (this may take a few seconds).

24. **Please dispose of bulbs responsibly according to your local regulations.**