

CHOOSING THE APPROPRIATE SENSITIVITY

The AirMaster Ultra is designed with an installer selected air flow probe sensitivity jumper, to provide proper operation with a wide range of residential air handlers.

There are three different settings. Out of the box, the unit will be set to have high sensitivity.

High (H*) – Default setting. Use in most homes of average size.

Medium (M) – Use in homes with larger heating/cooling systems, especially when unit is installed in an environment, such as an attic, that will exceed 110°F.

Low (L) – Use in large homes with multiple heating/cooling zones, especially when unit is installed in an environment, such as an attic, that will exceed 110°F.

Note: The sensitivity is intended to be set during installation, though it can be changed after installation.

If the unit is installed, but does not shut down within 1 minute of the heating/cooling system turning 'Off', the sensitivity setting should be lowered one step.

If the heating/cooling system is 'Off' and the sensitivity setting has been moved all the way to low and after 1 minute the unit remains 'On', this means there is at least 150 ft/min of natural air circulating in your duct. The ozone lamp can safely remain on, and the unit will provide continuous sanitation and odor removal.

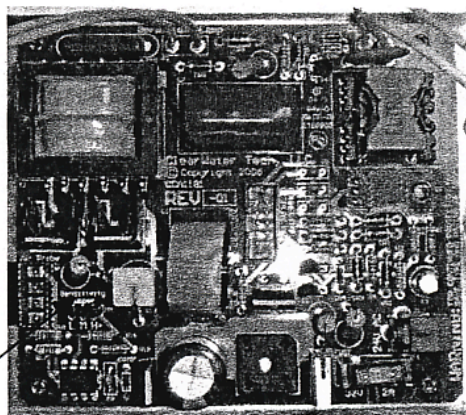
SETTING APPROPRIATE SENSITIVITY

Warning: Components near sensitivity jumper may be hot immediately after operation. Use tool to move jumper, or unplug unit and wait for unit to cool before making adjustments.

To access the jumper, the cover must be removed.

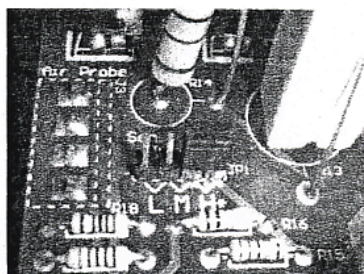
The sensitivity jumper is located and labeled on the board near the germicidal lamp (yellow base), as shown in the picture.

The three settings, High (H*), Medium (M), and Low (L), are selected by moving the jumper onto the two pins indicated by that setting, as seen below.

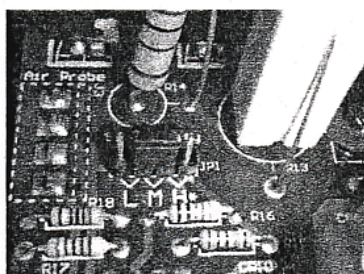


Sensitivity Jumper

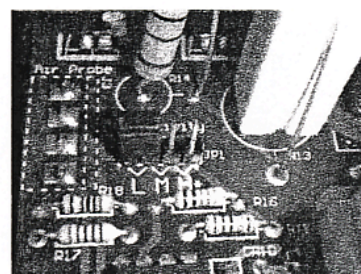
High Sensitivity Setting



Medium Sensitivity Setting



Low Sensitivity Setting



ADJUSTING THE OZONE OUTPUT LEVEL

The slide switch on the cover is used to adjust the ozone output level. The settings are low, med and high.

LOW – Use in an average-sized home with no pets, no tobacco smoke odors and minimum household odors.

MEDIUM – Use in an average-sized home with pets, confined tobacco smoke odors and minimum household odors.

HIGH – Use in an average-sized home with pets, heavy tobacco smoke odors throughout the home and moderate household odors.



The lamp cleaning schedule is determined by air quality. The recommended cleaning interval is every 12 months. The lamp replacement schedule is based on running time. The recommended replacement interval is 24 months. **Note: Do not touch the lamps with bare hands. Oils from the hands can create "hot spots" which reduce the lamp life. Handle by either the end caps or use a soft cloth. In case of contact with the lamp, wipe the lamp clean with a soft cloth dampened with rubbing alcohol.**

CLEANING THE LAMPS: Recommended every 12 months

1. Unplug the transformer from the wall outlet.
2. Remove the two screws from the cover of the unit and remove the cover.
3. Remove the four sheet metal mounting screws from air duct.
4. Carefully remove the unit from the air duct.
5. Using a soft cloth dampened with rubbing alcohol, wipe down the unit and the lamps. If there is a large buildup of dust particles, you may wish to use a can of compressed air first to remove the majority of the dirt.
6. Carefully replace unit into air duct.
7. Replace sheet metal screws, the cover, the two screws and plug the transformer into the wall outlet.

REPLACING THE LAMPS: Recommended every 24 months

NOTE: Use only RainSoft-approved lamps for replacement. Standard off-the-shelf lamps are not compatible with your RainSoft AirMaster Ultra unit.

1. Unplug the transformer from the wall outlet.
2. Remove the two screws from the cover of the unit and remove the cover.
3. Disconnect the lamp connector from the end of the lamp.
4. Loosen the lamp lock nut from around the end of the lamp on the inside of the unit by turning it counterclockwise and remove (pliers may be required).
5. Remove the metal washer.
6. Remove lamp by grasping the rubber bushing around the end of the lamp. With a gentle rocking motion, loosen the bushing from its seat and carefully slide it straight out.
7. Remove the rubber bushing from the old lamp and install it on the new lamp.
8. Slide the new lamp back into the lamp opening. Handle lamp by the end cap(s).
9. Re-install the metal washer and lamp lock nut. Carefully tighten the lamp lock nut.
10. Reconnect the lamp connector to the end of the lamp.
11. Repeat steps #3 to #10 when replacing the other lamp.
12. Replace the cover and secure it with the two screws.
13. Plug the transformer into the wall outlet.