

Package Contents:

- 1 Solaris air Ionizer
- 1 power cord with leads (hardwire)
- 1 power cord double ended (direct connect)
- 1 Return duct mounting plate
- One industrial mounting magnet
- 2 self tapping 3/4" hex screws
- 3 1/4" Phillips head screw for magnet mounting and optional mounting plate
- 2 circular foam gaskets

Safety Precautions:

It is recommended that this unit be installed and maintained by a trained technician.

Warning

RISK OF FIRE, ELECTRIC SHOCK OR INJURY

THIS PRODUCT MUST BE INSTALLED WITHIN THE HVAC SYSTEM OR DUCT WORK.

THERE ARE NO USER SERVICEABLE PARTS

DISCONNECT POWER WHILE INSTALLING OR SERVICING THIS PRODUCT.

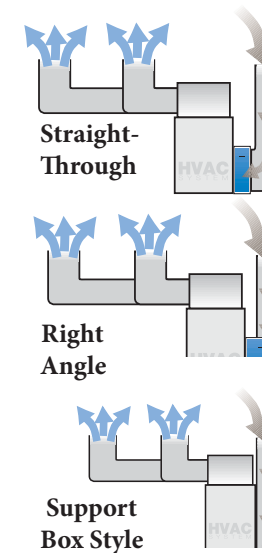
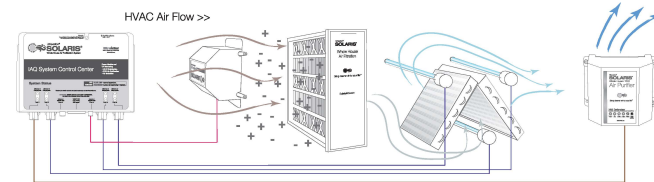
NEVER TOUCH THE PROBES WHEN ENERGIZED!

NOT INTENDED FOR OUTDOOR USE

Whole House Air Cleaning



Enhance your indoor air quality by adding a Solaris Progressive Media Air Cleaner to your Air Ionizer.



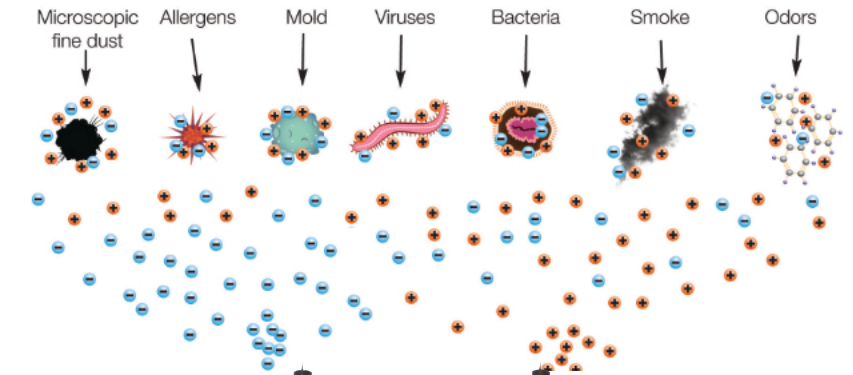
Warranty:

Solaris Ionizers are protected with the Ultravation five year warranty from date of installation (minimum expected lifetime of product within normal operating conditions). This warranty does not include damage to the unit from accident, misuse or improper installation.

If this product should become defective, Ultravation will elect to repair or replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid to the customer, provided that the product was delivered pre-paid. Ultravation shall have no responsibilities for charges incurred by the customer for installation or removal of warranted items. Liability is limited only to the replacement or repair of this product.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. All returns must be accompanied by a return authorization number, which may be obtained by contacting Ultravation, Inc.

Ultravation® SOLARIS®



Ion generator for HVAC systems
Model SLX-PG5T/SLX-PG5T-2998

Determining Installation:

The Solaris Air Ionizer is uniquely designed to be installed either internally or externally to most HVAC systems. External mounting is typically done when metal return ducting is present. Installing the Orion prior to any system filtration ensures that any charged particulate matter will collect into the HVAC filter.

The Air Ionizer system may also be installed internally on most furnace and air-conditioning systems.

The installing contractors take all installation and equipment variables into consideration when determining the final installation point.

Preparation for external mounting only:

External plate



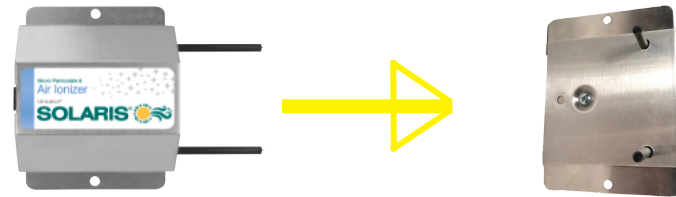
Rotate probes 90 degrees



Attach bracket



Use the external adapter plate when installing the Air Ionizer to metal duct work. First rotate the probes 90 degrees. Use the supplied self tapping 10-32-1/4" screw. Attaching the plate ensures that there will be no air leakage from the duct work after the installation.



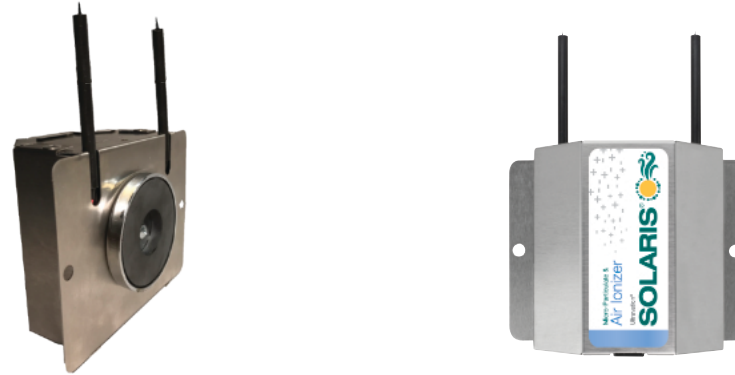
Air flow should pass over both probes at the same time for optimum performance

Installation Procedure (external)

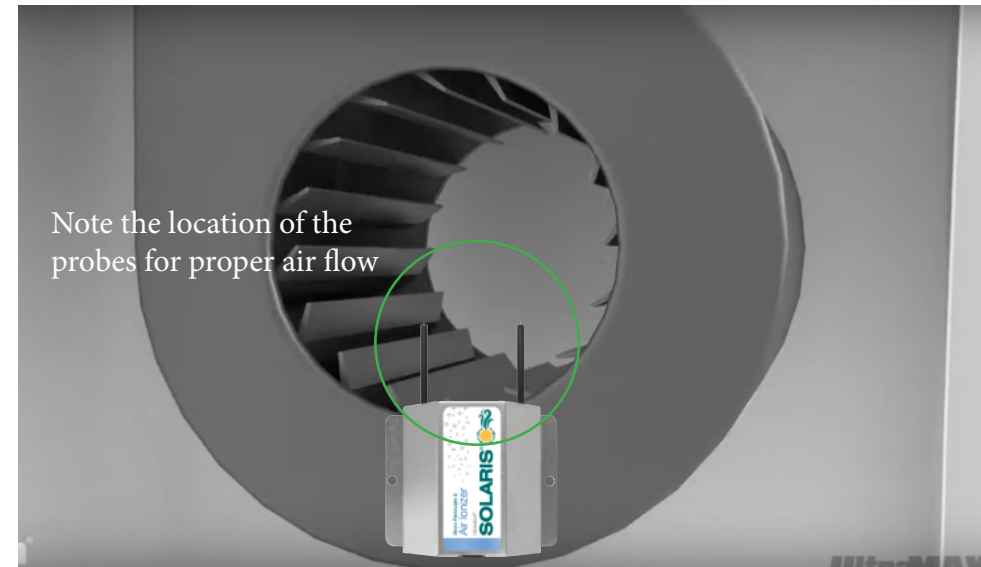
1. Disconnect main power to the HVAC system (turn applicable breakers off).
2. Determine a location on the duct, use a pencil to mark the location of both probes on the duct work.
3. Drill 2 1/4 dia. holes.
4. Mount the Orion with supplied screws
5. Attach appropriate power cord if using the direct connect plug each end in to the designated port)
6. **ONLY REQUIRED for hard wire** attach leads of power cord to a 24 VAC (min 10 va) transformer (polarity is not a concern).
7. Restore power
8. The Air Ionizer has a led that is illuminated to indicate power ensure that the led is illuminated).

Preparation for internal mounting only:

Important! Note the position of the probes



Attach the magnet to the Air Ionizer with the supplied 10-32-1/4" screw. You can also use supplied self tapping screws to permanently mount the Orion.



Installation Procedure (internal):

1. Disconnect main power to the HVAC system(turn applicable breakers off).
2. Remove access door to the equipment.
3. Mount the Air Ionizer either with the magnet or with supplied screws
4. Attach appropriate power cord if using the direct connect plug each end in to the designated port)
5. **ONLY REQUIRED for hard wire** attach leads of power cord to a 24 VAC (min 10 va) transformer (polarity is not a concern).
6. Restore power.
7. The Air Ionizer has a led that is illuminated to indicate power ensure that the led is illuminated).

IMPORTANT:
Probes should be a minimum of
1-1/2 inches from any metal.

Electrical Requirements

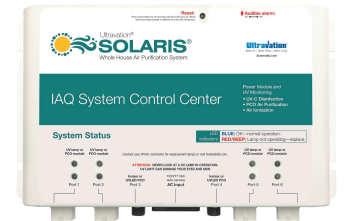
This product operates on 24 VAC

If using the Solaris power module (shown on right) simply plug into one of the 2 available ports.

If hardwiring it is recommend to use a separate dedicated transformer (min 10 va).

Maintenance:

No maintenance required. The Solaris Air Ionizer uses needlepoint electrode technology which requires no maintenance. If debris are noticed , simply disconnect power and remove the debris with a dry cloth.



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