

# ***Ionix Static Eliminator***



*Sample installation of complete Ionix system*  
**Ionix Static Eliminator WF200**

**IF YOU HAVE ANY INSTALLATION QUESTIONS, CALL Ionix at 800-246-1784. Do not call your jobber or retailer!**

## **Installation of Model WF 200 – for dissipating static on wood surfaces**

1. Remove the red shipping labels on both ends of the IONIX Static Eliminator and blow through the unit to rid it of any debris loosened during shipping. Shipping DOES NOT harm the unit.
2. Install the Ionix in the air hose at a convenient point away from the air gun. IONIX does not need to be installed at the air gun end of the line. Cut the air hose and slide the hose ends over the IONIX ends. Secure the hose ends on IONIX with the hose clamps provided.
3. Thread a quick connect on one end of the threaded nipple and the air gun on the other. Be careful to insure the installation of IONIX is consistent with the direction flow indicated on the label. The arrow showing the flow direction should point to the end of the hose which the air gun is attached.
4. DO NOT permanently install IONIX on the same air hose being used to paint.
5. Once a month remove the Ionix and blow air in the reverse direction to clean out Ionix. Ionix contains interior filtering screens that periodically need to be blown out.

## **Using the IONIX Static Eliminator**

### **USE AS LOW A PRESSURE AS POSSIBLE DURING BLOWOFF**

**Blow off surface AS CLOSE TO PARALLEL TO THE SURFACE AS POSSIBLE! – This pushes dust off the surface and on to the floor.**

**Do not leave Ionix installed in the same air line used for painting while painting.**

**Do not leave Ionix in the paint booth during the bake cycle.**

**Do not allow water or liquids to flow through Ionix.**

The key to reducing wet polish/makeovers is to use as low an air blast pressure as possible.

High pressure during blowoff:

1. Suspends particulate in the air which falls back down on your work.
2. High pressures over car surfaces CREATES static.

Your goal is to use AS LOW AN AIR BLAST AS POSSIBLE while still dislodging particulates. **YOU SHOULD NEVER HAVE TO USE PRESSURES ANYWHERE NEAR 50 PSI USING A STATIC ELIMINATOR! START AT 10 – 15 PSI and adjust upward.**

This reduces the amount of dust suspended in the air. Your goal is to use as low a pressure blast as possible in order to push the dust off so it falls to the floor. Excessive air pressure during blow off suspends dirt in the air.

1. To adjust the pressure, turn the regulator to a point below what you believe is sufficient to blow particles off. Slowly increase the pressure only to the point dirt is dislodged from the surface. RESIST THE URGE TO USE HIGH PRESSURES! High pressures create more makeovers AND static!
2. The IONIX blow off should be directed to the surface AS PARALLEL TO THE SURFACE AS POSSIBLE and AS CLOSE AS POSSIBLE to the surface experiencing static charges. Avoid blowing off at right angles (perpendicular) to surface. Blow ACROSS the surface to push dust to floor.
3. The farther away the IONIX air is from the static charges the more the IONIX treated air is dissipated in the surrounding ambient air and therefore ineffective in eliminating static.
4. When blowing off plastic parts, you must blow off slower and you might have to repeat blow off. This is due to the higher static charges found on plastic materials. Ionix has larger static eliminators for plastic/composite materials. See our web site under Wood Finishing.
5. The IONIX Static Eliminator works automatically when air passes through it.
6. IONIX life will depend upon humidity, ambient temperature, hours of continuous operation, etc. IONIX should be replaced 1 year after installation. When exhausted, the IONIX Static Eliminator can be discarded in any waste receptacle. It contains NO hazardous or radioactive material.
7. DO NOT OPERATE IONIX IN PRESSURES OVER 50 PSI.
8. Do not leave IONIX in the paint booth during the bake cycle. Heat during the bake cycle will destroy the IONIX.
9. Do not allow water to flow into IONIX. Condensate from your compressor WILL ruin the IONIX.
10. Static charges and environmental factors affecting static widely vary based upon conditions IONIX cannot foresee or control. Therefore, users are cautioned to thoroughly test IONIX before installing in any static critical conditions. IONIX is glad to consult with you prior to and during your testing to insure proper installation and effectiveness. However, users are responsible to determine the proper use and application of IONIX Static Eliminators to their particular situations.

### **Warranty**

Users are responsible to test IONIX Static Eliminators for effective and safe use in their applications. If the IONIX Static Eliminator should prove defective in workmanship or material 6 months from date of installation, it will be replaced or refunded by IONIX. Such replacement or refund shall be the sole remedy of the purchaser. IONIX shall not be liable for any loss or damages, incidental, direct or consequential, arising out of the use of, or inability to use this product. This warranty does not cover any damage or defect due to accident, misuse, abuse or neglect.

This warranty is void if any liquids run through the IONIX Static Eliminator. This warranty is void if the IONIX Static Eliminator is installed on any equipment other than what is specifically designed for. Some states and territories do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or warranty may not apply to you. This warranty gives you specific legal rights. You may also have other rights that vary from state to state in the United States.

### ***Ionix Technologies Inc.***

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