

# Ionix Gas Cartridges Replacement and Maintenance

## ***Overview of operation of Ionix Gas Cartridges***

Ionix Gas Cartridges are designed to eliminate interior static charges in gas distribution pipe downstream from installation.

Interior static charges will only be eliminated in areas where the gas has passed through an Ionix Gas Cartridge. Any untreated gas co-mingled with Ionix treated gas will negate the effect of Ionix Gas Cartridges. Your system installation of Ionix Gas Cartridges should have been placed at the main feed of the distribution system you wish to treat. If your system has been modified to include new gas supply feeds downstream of the installation of the Ionix Gas Cartridge housing, contact Ionix Gas Technologies to review your current Ionix installation to confirm static dissipation effectiveness.

Ionix Gas Cartridges need to be replaced once a year since gas passing through our unit over time depletes its effectiveness.

**All warranties and representations of Ionix Gas Cartridges cease 14 months after manufacture date of our cartridge.**

## ***Replacement of Ionix Gas Cartridges***

1. Remove the packing in 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. Use only Ionix Gas Cartridges which have been manufactured within 60 days.
2. Bypass gas to flow around the Ionix Gas Cartridge housing. Once the gas flow is bypassed around the Ionix Gas Cartridge housing, remove the housing top. Remove the nut holding the cartridge to the base.
4. Remove the exhausted Ionix Gas Cartridge and replace it with the new unit threading the holding rod through the top. Replace the holding nut tightening enough to hold the unit in place. Return exhausted Ionix Gas Cartridge to Ionix.
5. Do not order and store replacement Ionix Gas Cartridges. Order replacement Ionix Gas Cartridges just prior to service replacement. Ionix Gas Cartridges are designed to be put in service under pressure within 60 days of manufacture. The pressure and dryness inside the piping system are integral for its effectiveness.
6. Your Ionix Gas Cartridge is sized specifically to the housing and your system. You cannot move difference cartridges in different housings.

## ***Maintenance of Ionix Gas Cartridges***

1. NEVER flush or purge liquids through the system with the Ionix Gas Cartridge installed. This will destroy the Ionix Gas Cartridge! If water invades the system, IMMEDIATELY remove the Ionix Gas Cartridge from the housing. Replace with a new Ionix Gas Cartridge as soon as practicable.
2. Cartridge life will depend upon ambient temperature, hours of operation, etc. Cartridges should be replaced NO LATER THAN 1 year after installation. Replacement might be required sooner than 1 year. When exhausted, the Ionix Gas Cartridge should be returned to Ionix for disposal.
3. Static charges and environmental factors affecting static vary widely depending upon conditions Ionix cannot foresee or control. Therefore, our installation recommendations are just that - recommendations based upon our field experience. As your system expands over time, the installed Ionix Gas Cartridge might need to be increased in size due to static created by a larger system. If pinholes occur, or a static incident occurs, this indicates static is present. Contact Ionix immediately to report this so a thorough static evaluation can be conducted.

If you have further difficulty with static after installing Ionix, call Ionix for tech support.

## ***Ionix Gas Technologies***

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