

iWave

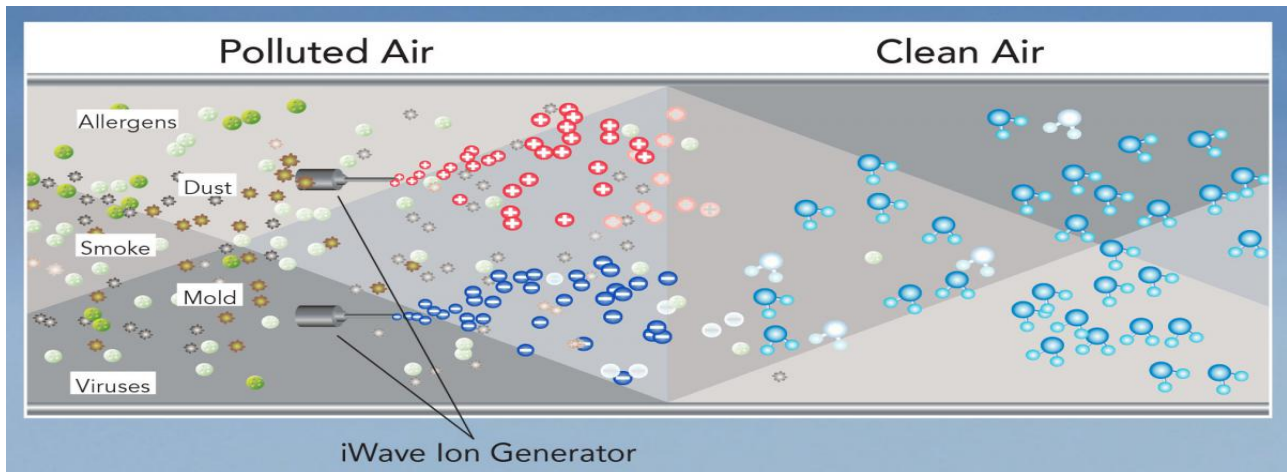


With technology installed in over 100,000 applications, iWave-R is the world's first self-cleaning, no maintenance needlepoint bi-polar ionization generator designed specifically for treating air in residential duct A/C systems. As the air flows past the iWave-R, positive and negative ions actively purify the supply air, killing mold, bacteria and viruses in the coil and living space. The ionization process also reduces allergens, smoke and static electricity, as well as controlling odors (cooking, pet, VOCs) and other particles (no more sunbeams) in the air without creating ozone or any harmful byproducts.

iWave-R treats the air in any brand of residential duct air conditioning systems up to 6 tons (2400 CFM) in size with no maintenance and no replacement parts. Designed for universal mounting, the iWave-R typically installs inside or outside of duct, or it attaches magnetically near the indoor fan in the air handler. iWave-R always works at peak performance, producing over 160 million ions/cc, more than any other ionizer product on the market. Its patent-pending self-cleaning design includes a programmable cleaning cycle that can clean the emitter brushes every 1, 3, 5 or 10 days. The iWave-R is factory set to clean every third day, which is adequate for a typical installation. iWave-R does not create "black walls" as negative-only ionizer products will do.

How iWave Works

iWave is an air purifying device that installs in any duct air conditioning system. When air passes over the iWave, ions produced by the device reduce pathogens, allergens, particles, smoke and odors in the air, creating a healthy environment without producing any harmful byproducts. iWave uses patented technology, called needle-point bi-polar ionization, to create equal amounts of positive and negative ions. When these ions are injected into the air stream, they break down passing pollutants and gases into harmless compounds like oxygen, carbon dioxide, nitrogen and water vapor (see illustration below).



When the ions come in contact with viruses, bacteria or mold, they remove the hydrogen molecules – without them, the pathogens have no source of energy and will die. The ions also attach to allergens like pollen and other particles, causing them to band together until they are large enough to be caught by your ventilation system's air filter.

iWave's technology generates the same ions that nature creates with lightning, waterfalls, ocean waves, etc. Nature uses energy and shear to break apart molecules, naturally cleaning the air and producing a healthy environment. The only difference between the iWave's technology and nature is that the iWave does it without developing harmful ozone.

INSTALLED FOR \$845.00

