

i-GUARD™ Air Treatment System

DUCTED BI-POLAR ION PLASMA SYSTEM



A DIFFERENT WAY TO TREAT INDOOR AIR



**HIGH
ION
OUTPUT**

**SELF
CLEANSING
DESIGN**

**VENTURI
DISCHARGE
TUBES**

**SOLID
TUNGSTEN
EMITTERS**

**6 ION
EMISSION
POINTS**

**CARB
CERTIFIED**
Meets California
Ozone Emissions
Limit



**VERIFIED
ZERO OZONE**
MEETS UL 2998
DOES NOT EMIT MORE THAN
0.005 PPM AS TESTED
PER UL 867

Respicaire
For the Health of Your Indoor Air

- WORKS TO AGGLOMERATE PARTICULATES -
- HELPS TO REDUCE ODORS & VOCs -
- IONIC ACTION TO TREAT MICROBIALS -



SCAN ME

WHY INDOOR AIR QUALITY MATTERS TO ALL OF US!

Clean air is an essential element and particularly important for indoor air environments. Buildings and commercial spaces have become increasingly airtight. This "Tightness" can concentrate & trap indoor air particulates & microorganisms, giving rise to respiratory sensitivities, allergy and illness.

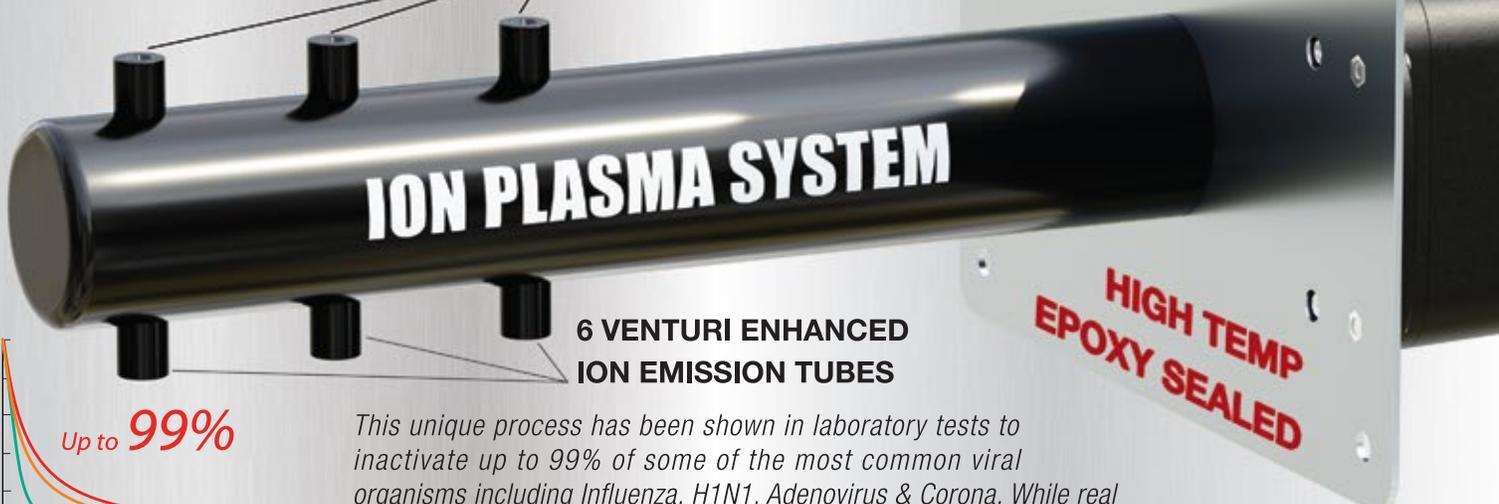
Our latest air cleaning technology is the Respire i-Guard NPI Air Treatment System. Our proprietary NPI (Needlepoint ionization) actively treats the indoor air in the living space through the emission of both positive and negative ions.



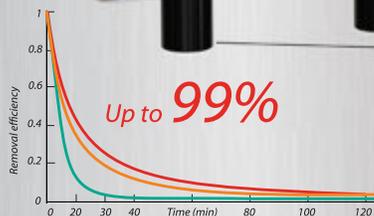
UNIQUE FEATURES FOR OPTIMUM PERFORMANCE

The Respire **i-Guard Air Treatment system** is high output, self cleansing bi-polar air treatment system designed for installation in commercial & residential HVAC systems. The Respire **i-Guard's active ionic processes** work constantly to treat indoor air by helping to reduce pollutants, odors & VOCs including indoor AC coil treatment. Its venturi emission system features 6 ion discharge points in a **maintenance free** design that does not require ongoing replacement parts. The Respire i-Guard is one of the most powerful NPI ducted models, producing over 1 billion ions/cc offering superior ionization output and enhanced performance. As air in the HVAC system travels towards the device it is actively treated with both positive & negative ions. The Respire i-Guard features a watertight housing, operates at peak output and is suitable for ducted installations up to **12 tons or 6000 CFM**. A built in LED allows for visual monitoring and an optional alarm contact is available for remote monitoring.

**TUNGSTEN NEEDLES
NO CLOGGING**



**6 VENTURI ENHANCED
ION EMISSION TUBES**



This unique process has been shown in laboratory tests to inactivate up to 99% of some of the most common viral organisms including Influenza, H1N1, Adenovirus & Corona. While real world results can vary, it helps to know we test our products for virucidal efficacy.



The Respire i-Guard NPI Air Treatment system is virtually maintenance free. Our Venturi ion delivery system helps keep plasma emission points clean to optimize output with no loss of efficiency. We recommend annual inspection to ensure optimum performance. The Respire Ion plasma technology is ETL approved & UL 867 certified to help meet non-ozone emission standards including California Carb. The i Guard features epoxied electronics for A2L compliancy in return duct applications.