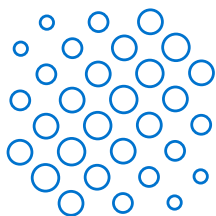


A photograph of a diverse group of people, including men and women of various ethnicities, smiling and playing a card game at a casino table. The background is filled with the colorful, out-of-focus lights of a casino floor.

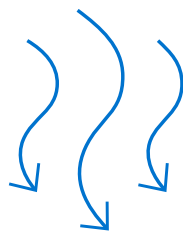
With Clean Air, Everyone's a Winner

HVAC Air Purification Solution for Casinos

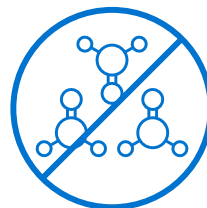
Keep your customers staying and playing with fresh indoor air – free of smoke particulate, odors, TVOCs, bacteria, and viruses.



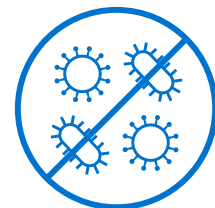
96.3% Smoke Particulate
Reduction



Neutralizes Odors



98.6% Total VOC
Reduction



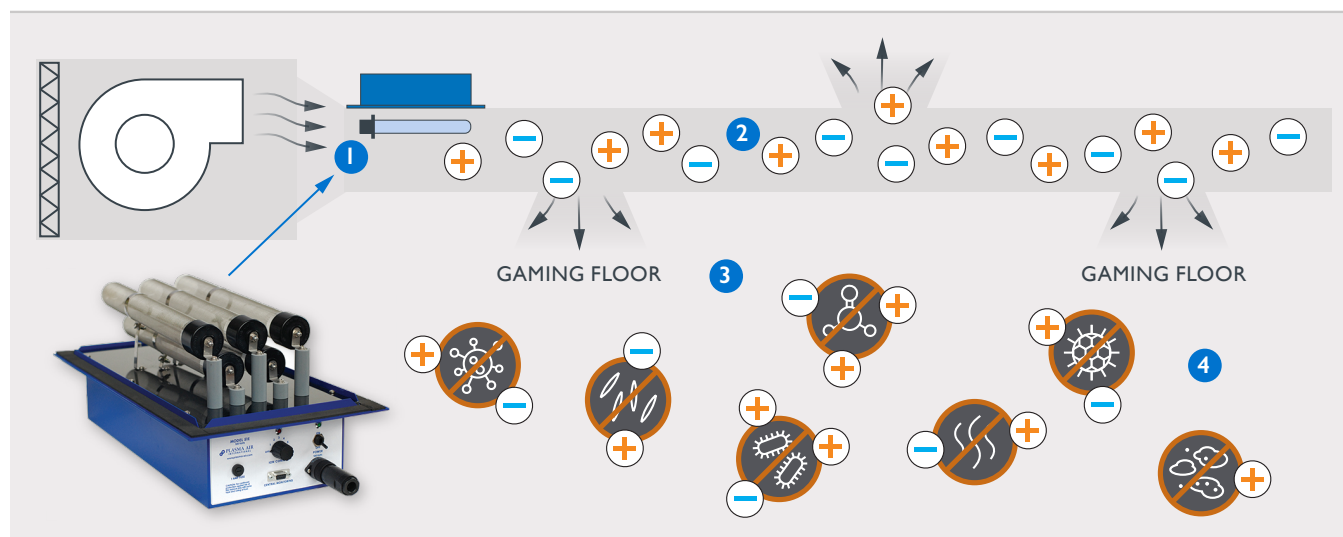
Up to 99.9% Bacteria & Virus
Reduction

Air Purification for Casinos: Affordable, Effective & Safe

Plasma Air provides advanced HVAC and portable air purification solutions to help casinos improve indoor air quality (IAQ) and provide a healthier, more enjoyable environment for both customers and employees.

How It Works

Plasma Air ionizers are easily installed directly into Air Handling Units (AHUs) or on the main supply ductwork.

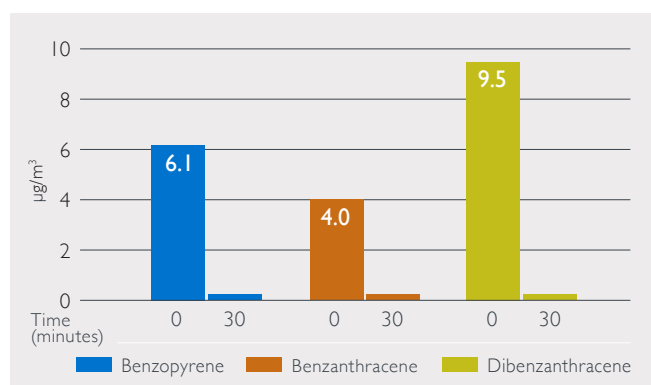


- 1 As air passes over the ionization tubes, millions of positive and negative ions are formed.
- 2 Ions travel through the duct system and out into the gaming floor where they interact with airborne particles, odors, and carcinogenic VOCs at the molecular level.
- 3 Odors, carcinogenic VOCs, bacteria, and viruses are neutralized by the positive and negative ions.
- 4 Airborne particles are charged by the ions causing them to cluster and drop out of the air flow or be captured by filters.

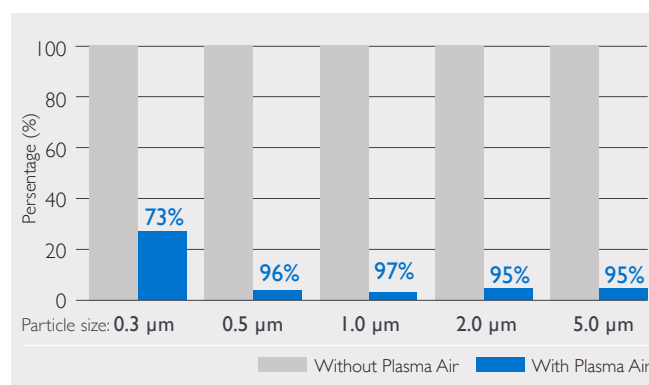
Independently Proven Technology

In independent testing, Plasma Air technology has been shown to reduce particulate and carcinogenic VOCs from cigarette smoke.

Reduction in Carcinogenic VOCs from Cigarette Smoke




Reduction in Cigarette Smoke Particulate



How Plasma Air Technology Compares

Many casinos rely on solutions that use harmful ozone or PCO to clean the air, or chemical fragrances injected into the ventilation system to mask odors. Plasma Air's solution reduces odors and particulate matter safely by producing bipolar ions that interact with airborne contaminants at the molecular level.

 PlasmaAir		Scenting	Ozone	PCO*
Low	Capital Costs	Low	Medium	High
Low	O&M Costs	Medium	Low	High
Low	Pressure Drop	Low	Low	Medium
Yes	Odor Control	No	Yes	No
Yes	Particulate Reduction	No	No	Yes
No	Harmful Byproducts	Yes	Yes	Yes

* Photocatalytic Oxidation



“At Mohawk Casino, customer satisfaction is at the heart of our business, so when the odors and health hazards of second-hand smoke became a growing concern for many of our patrons, we had to take action. After installing the Plasma Air system, our fourth quarter survey results indicated a significant reduction in odor complaints.”

Shannon Keel
CEO/General Manager
Akwasasne Mohawk Casino Resort



“Plasma Air was a key element to our success as a casino in a highly competitive market. By improving our air quality, patrons are more likely to stay longer and remain happier as they breathe clean and fresh air.”

Jake Britton
Facility Manager
Tortoise Rock Casino



“Prior to using the Plasma Air technology, odor from smoking was the #1 or #2 complaint on our customer surveys. Following the installation of the system, smoking odors consistently dropped out of the top ten customer complaints.”

General Manager
Lady Luck Casino
Nemacolin, PA

Products Designed for any Casino Application

Our products are available in both self-contained units and models that are installed either in the supply air ductwork or directly into the air handling unit. Whether an FCU or PTAC unit for a guest room or an AHU or RTU serving the gaming floor, our products can be scaled to any application size.



PA600 Series

Style: Brush-style Needlepoint
Capacity: Up to 2,400 CFM
Installation: FCU or PTAC of guest room



PA100/200 Series

Style: Tube
Capacity: Up to 3,000 CFM
Installation: In-duct, small to medium central HVAC system



PA50E/50F Series

Style: Tube
Capacity: Up to 5,000 CFM
Installation: In-duct, larger central HVAC system



Control System

Modulates ionizer output and provides real-time air quality data. Ideal for variable pollutant loads in casinos. Saves energy and prolongs the life of ionization tubes.



Novaerus Medical-Grade Portable Units

Ideal for rapid remediation of indoor air quality problems and continuous air purification in smaller and poorly ventilated areas. Proven to reduce airborne mold spores, bacteria, and viruses such as influenza and norovirus.

Plasma Air Installations in Casino Applications



Slide-in rack installation for mounting of the ionizers in any air handler.



Ionizers mounted around the perimeter of a supply duct.

Flexible Leasing Options

Plasma Air provides flexible leasing options on all of our custom air purification solutions, eliminating the need for a large capital expenditure. In addition to providing and installing the technology, Plasma Air also offers free maintenance for leasing customers, including annual tube replacement and an extension of the equipment's warranty for the full term of the lease.