

Advanced In-Duct Purification Technology

The AireGard® PI-6500 uses a revolutionary Advanced In-Duct Purification Technology, Photocatalytic Oxidation (PCO), to effectively eliminate airborne and surface pathogens up to 99.9% efficiency within a 30-minute time-frame. The purification process is both mercury free and zero ozone compliant (conforms to US FDA requirements), making it safe and suitable for all spaces.

PI-6500



FEATURES

- Reduction in airborne and surface microbials such as viruses, bacteria, and mold with a proven and tested eradication of germ particles at 99.9% efficiency within a 30-minute time-frame.
- Reduction of harmful compounds and gasses such as VOC, smoke, odors, allergens, dust, and particulate matters.
- Compatible with HVAC system.
- Zero Ozone & Mercury Compliant.
- A 3-year warranty period.

TESTED AND PROVEN

ALS GLOBAL

A MS ISO/IEC 17025
accredited testing
laboratory.



ELIMINATES SARS-CoV-2 (COVID-19)

- 99.9% elimination of airborne SARS-CoV-2 aerosol particles within 30 minutes.
- 99.9% elimination of SARS-CoV-2 surface contact particles in 30 minutes on plastic and 90 minutes on stainless steel.
- Severe acute respiratory syndrome, COVID-19 (SARS-CoV-2), is a novel severe acute respiratory syndrome coronavirus that is transmissible and spread via airborne droplets and aerosol particles.

SGS

The world's leading testing,
inspection, and certification
company.



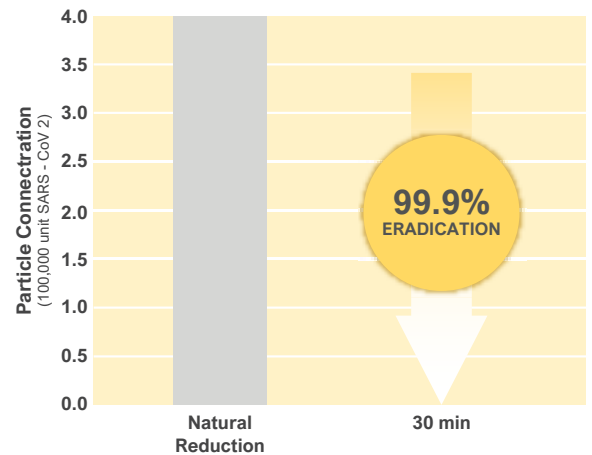
ZERO UV LEAKAGES & OZONE COMPLIANT

- 100% non-detection in ultraviolet leakages.
- 99.999% non-detection of ozone presences.
- The PI-6500 is tested to be safe from UV leakages and is ozone compliant; these compounds are harmful to skin cells and the respiratory system.

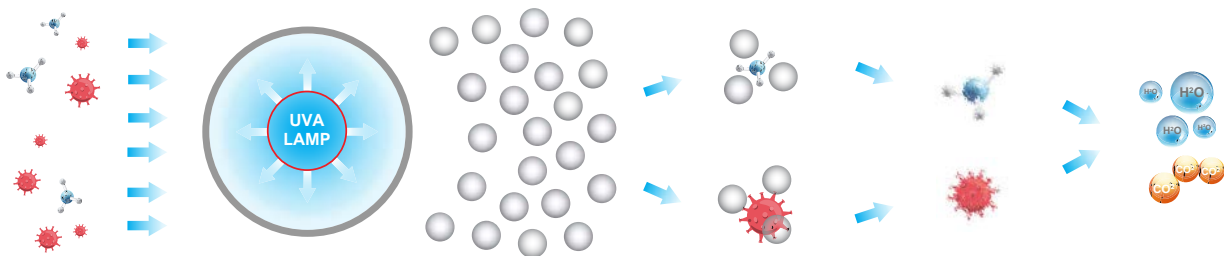
SPECIFICATION

Model	PI-6500
Coverage Area*	3,000 ft – 6,500 ft
HVAC Size	8 – 15 tonnes
Technology	Photohydroionization
Pressure Drop	<0.01" W.c. @400 fpm
Mechanics	Distribution via Air Handler
Weight (lbs. / kg)	4.2 lbs. / 1.9 kg
UVA Lamp	365 nm / Life: 12,000 hrs
Warranty	3-Year Warranty

SARS-CoV-2 Removal Efficiency Test Result



HOW DOES IT WORK?



HVAC Airflow /
Polluted Air

Catalyst filter
absorbs UVA
light and creates
a photocatalyst
reaction.

Super Oxidizers
with advanced
purifying proper-
ties (OH, H2O2,
and O2) are
formed and
released into the
HVAC system's
airflow where
they are highly
reactive with
pathogens,
allergens, VOCs,
chemicals, and
gases.

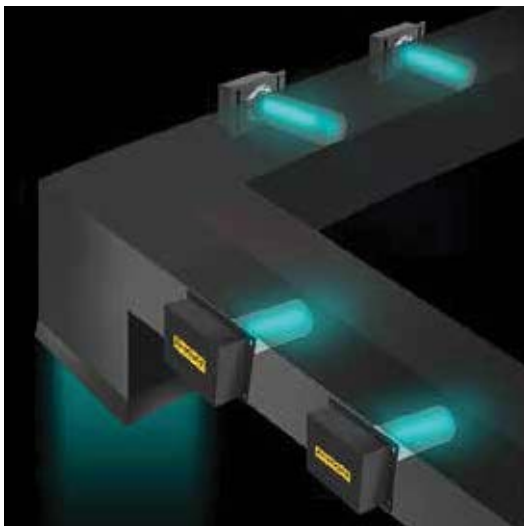
Surface proteins
of pathogens are
disrupted,
rendering them
inactive. Molecu-
lar bonds of
harmful VOCs,
chemicals, and
gases are broken
apart and turned
into harmless
substances like
CO2 and H2O.

Bioaerosols,
viruses, bacteria,
germs, mold,
VOCs, chemi-
cals, and gases
are destroyed
and decom-
posed.

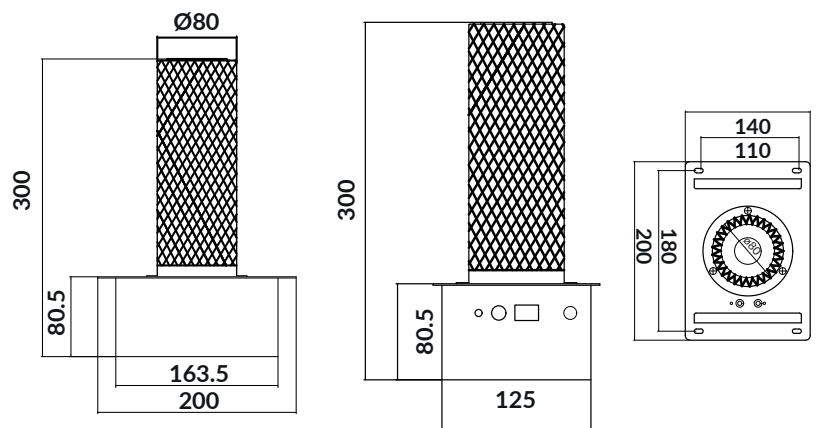
Harmless water
(H2O) and
carbon dioxide
(CO2) mole-
cules which are
naturally in the
air are formed
as a by product.

EASY INSTALLATION

HVAC COMPATIBLE



DIMENSIONS



UPPER ROOM CLEAN AIR SYSTEM (URCAS)

Advanced Protection Against Airborne Pathogens & Diseases

HOW DOES IT WORK?



FEATURES

- Improved indoor air change cycles for better ventilation.
- Reduction in airborne and surface microbials such as viruses, bacteria, and mold with a proven and tested eradication of germ particles at 99.9% efficiency within a 30-minute time-frame.
- Reduction of harmful compounds and gasses such as VOC, smoke, odors, allergens, dust, and particulate matters.
- Easy installation of the URCAS solution for targeted clean air delivery with a guaranteed peace of mind.
- A 3-year warranty period.

FLEXIBLE AIRFLOW APPLICATIONS

