



TECHNOLOGY
SERIES



UL 2998 VALIDATED
**OZONE
FREE**

UV LIGHT AND IONIZATION ACTIVELY SEEK OUT AND REDUCE DUST, DANDER, AND ODORS.



Combined germicidal UV and ionization technology.



Laboratory test show inactivation of MS-2 bacteriophage virus and Staphylococcus epidermis.



Can improve the performance of existing filtration systems.



New and Improved ion carbon emitters.



Designed for both commercial and residential applications.

www.airknightiaq.com

Scan with your
smartphone
to learn more.



CLEAN AIR STRATEGY

Germicidal UV light and ionization, **actively seek out and reduce dust, dander, and odors.**

- Active air purification technologies, germicidal UV and ionization, provide part of a comprehensive IAQ solution.
- Reduces particulate matter such as dust and dander by improving the performance of your existing filtration system.
- Expanded range ballast for increased electrical reliability.
- New and improved ion carbon emitters.
- Auxiliary power port allowing easy installation of an additional 24V germicidal UV light.



The Air Knight® IPG® is a key part of the IAQ³ platform that integrates three levels of air quality products, each increasing the overall air quality of the space. The result is a dynamic air quality management strategy that provides a comprehensive IAQ solution, custom-tailored to specific needs.



- FILTRATION**
Reduce dust, pollen, mold, and dander. The Air Knight® IPG® improves the performance of existing filtration systems.
- PURIFICATION**
Air purification using next generation technologies to reduce indoor air pollutants.
- UV INACTIVATION**
When professionally installed, UV-C light can dose the internal HVAC system where the light shines.



MODEL	AIR KNIGHT® IPG® 7"	AIR KNIGHT® IPG® 14"
DIMENSIONS	6.5"H X 6"W X 9.9"L	6.5"H X 6"W X 14.5"L
MOUNTING PLATE	8"H x 8"W	
ELECTRICAL	AC 24V 50/60Hz. Expanded range ballast.	
POWER CONSUMPTION	13 Watts	14 Watts
AIRFLOW	Suitable for up to 3 ton systems	Suitable for 3+ ton systems
OZONE	UL 2998 validated no ozone. Meets California ozone emissions limit: CARB certified.	
WARRANTY	7-yr power supply. 2-yr cell.	
PART #	TT-AK24IPG-7	TT-AK24IPG-14
REPLACEMENT CELL PART #	TT-IPG-CELL-7	TT-IPG-CELL-14

Laboratory tests show inactivation of MS-2 bacteriophage virus and Staphylococcus epidermis.

Air Knight® IPG®, now improved with carbon fiber ionization brushes for increased ion production, is a unique bi-polar ionization system providing air with both positive and negative ions that encourage airborne particles to gather together, making your existing air filter system more efficient.

In addition to the IPG® feature, PX5 UV provides germicidal dose of UV-C where the light shines.

Quality construction and high air flow design ensures the Air Knight® IPG® can handle the air volume from today's high SEER and commercial HVAC system.



ZERO OZONE EMISSIONS - MEASURED OZONE EMISSIONS FROM AIR KNIGHT IPG DURING USE PHASE DOES NOT EXCEED 0.005 PPM AS TESTED BY UL 867.
UL.COM/ECV

EPA Establishment No. 73316-TX-1

Air Knight® and TechPure® products are tested using independent labs and universities. Visit <https://www.airknightiaq.com/testing>.

The product and technologies described are not medical devices, and are not intended to diagnose, treat, cure, or prevent any disease or illness.

1. All third-party laboratory testing paid for by Dust Free®.



As additional safety support, the Air Knight product-line has received the following universally accepted UL certified listings; UL 1598, UL 1995, UL 867, CSA C22.2 No. 250.0 and CSA C22.2 No. 236.

Air Knight® and TechPure® products are exclusive products of Carrier Enterprise, LLC. and are manufactured Dust Free®, LP.