

KITE



THE GENESIS AIR KITE IS AN AIR PURIFICATION SYSTEM THAT USES ADVANCED PHOTOCATALYTIC OXIDATION (PCO) TECHNOLOGY TO ELIMINATE VIABLE AIRBORNE MICROORGANISMS AND ODORS FROM VOCs.

SIMPLE

Clearly defined process for air cleaning, easily understood application, versatile installation, maintain and operate with little effort.

SAFE

Effectiveness on microorganisms and volatile organic compounds (VOCs) is validated with recognizable third-party labs. The oxidation process only occurs in our panel and limits possible interaction with people. Cleaning process doesn't create byproducts that could be more harmful than contaminants removed. 20+ years of success in the market.

SUSTAINABLE

Device has negligible impact on HVAC fan energy due to its minimal air pressure drop, the process energy from the UV lamps is lower than other IAQ technologies, and has sustained performance with a 15-year panel life.

SOLUTIONS

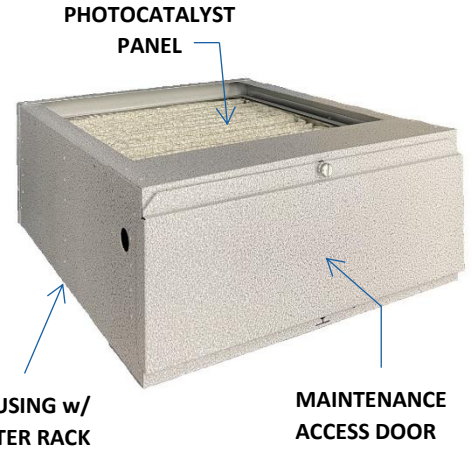
Valued product that meets demands of good indoor air quality and low carbon footprint.

TYPICAL APPLICATIONS

Control of MOLECULAR CONTAMINANTS including odors and VOCs found in buildings such as airports, casinos, schools, restaurants, and indoor agriculture. 4S Centerpoint is also very effective cleaning environmental tobacco smoke and wildfire smoke odors.

Inactivation of MICROORGANISMS including viruses, bacteria, mold, and fungi that challenge hospitals, schools, offices, government buildings, and prisons.

HEALTHY BUILDINGS and ENERGY REDUCTION are both possible when indoor air quality is maintained using a reliable technology to clean contaminants in the recirculated air instead of using outdoor air to dilute the contaminant concentration.



WORKS WITH TYPICAL UNITARY AIR HANDLER AND FURNACE SIZES (17.5", 21", AND 24.5")

FEATURES

- Casing..... 20 gauge
- Paint..... Powder Coated
- UV Lamp Life..... 12,000 hours
- Min UV Output 775 μW/cm²
- Power connection..... Control Box
- Parts Warranty..... 12 months

OPTIONAL ACCESSORIES

- 2" MERV 13
- UV Shield

NOTE: 1.) UV output is based on end-of-life coverage of entire catalyst at 12,000 hours.
2.) UV shielding is an optional accessory required to prevent damage to synthetic filter media, if pleated filter is located in the housing.

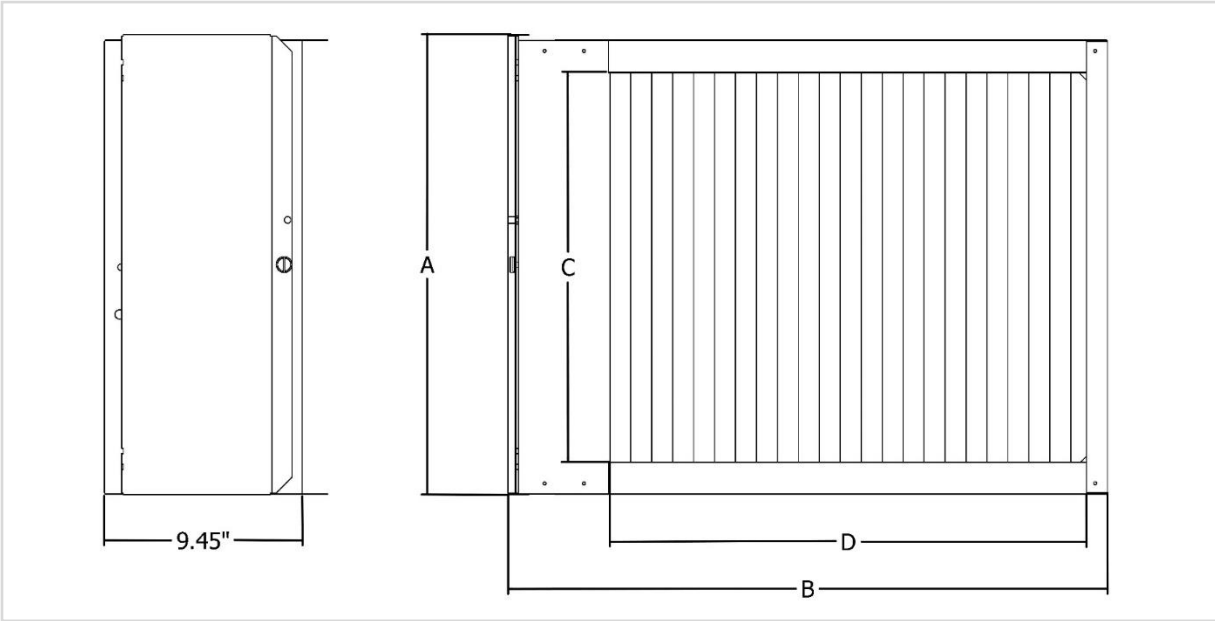
PERFORMANCE DATA

MODEL	AIRFLOW RANGE cfm (cmh)	MAXIMUM FACE VELOCITY fpm (m/s)	AIR PRESSURE DROP in w.c. (Pa)	UV LAMP QTY	UV LAMP in (cm)	VOLTAGE	AMPS	WEIGHT lb (kg)
- - KITE	500 – 2083 (850 – 3539)	500 (2.54)	0.05 (12.0)	SEE TABLE	SEE TABLE	120/1/60	SEE TABLE	SEE TABLE

NOTE: KITE pressure drop includes catalyst pressure drop at 500 FPM. Add 0.4 in. w.c. (100 Pa) for MERV 13 filter initial pressure drop and 0.09 in w.c. (22 Pa) for UV shielding pressure drop.



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KITE PHYSICAL DATA

MODEL	A in (mm)	B in (mm)	C in (mm)	D in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	LAMP QTY AND LENGTH # – in (mm)
1620 KITE	17.6 (447)	23.6 (599)	14.6 (371)	17.7 (450)	1111 (1888)	1.0	29.3 (13.3)	3 – 20 (508)
1625 KITE	17.6 (447)	28.6 (726)	14.6 (371)	22.7 (577)	1389 (2360)	1.6	31.3 (14.2)	3 – 24 (610)
2020 KITE	21.6 (447)	23.6 (599)	18.6 (472)	17.7 (450)	1389 (2360)	1.0	31.4 (14.2)	3 – 20 (508)
2025 KITE	21.6 (447)	28.6 (726)	18.6 (472)	22.7 (577)	1736 (2950)	1.6	33.4 (15.1)	3 – 24 (610)
2420 KITE	25.6 (447)	23.6 (599)	22.6 (472)	17.7 (450)	1667 (2832)	1.5	32.8 (14.9)	4 – 20 (508)
2425 KITE	25.6 (447)	28.6 (650)	22.6 (574)	22.7 (577)	2083 (3539)	2.1	34.8 (15.8)	4 – 24 (610)