

PURE UVGI Solutions



HEALTHY HOME SYSTEM™

Ultraviolet Germicidal Irradiation (UVGI) Air Treatment Products

Improve Indoor Air Quality by selecting a Potent Germ Reducer with high intensity Ultraviolet C-Band UVGI technology. The Center for Disease Control and Prevention (CDC) recommends the use of UVGI as an effective technology to minimize the spread of airborne microorganisms. The American Society of Heating and Air Conditioning Engineers (ASHRAE) has addressed concerns of contagious viral disease transmission with recommended mitigation strategies that include dilution fresh air ventilation, filtration, and UVGI.

FLEXMOUNTUV™ IN DUCT AIR PURIFIER AND COIL IRRADIATION

FlexMountUV is designed for installation into any HVAC system. Ideal for rooftop, up-flow, down-flow and horizontal applications and where mounting space is limited and penetration of the equipment jacket is undesirable.

UV-AIRE™ PROVEN POWERFUL IN-DUCT AIR PURIFIERS

UV-Aire purifiers can be integrated into any forced air ducted system. The UVGI light continuously reduces airborne mold, bacteria, and viruses as air circulates through the HVAC ducts.

HEALTHY HOME SYSTEM DUO™ IN-DUCT AIR PURIFIERS AND DEODORIZERS

Duo is an ultra-high intensity UVGI solution with more exposure in the treatment zone to quickly reduce germs. Plus, PRO-Cell™, a PCO process that breaks down complex toxic organic compounds and chemicals into harmless carbon dioxide and microscopic water vapor.

TRIO™ ELECTRONIC WHOLE HOUSE AIR PURIFIER IN-DUCT AIR PURIFIER, DEODORIZER, AND AIR CLEANER

The TRIO Electronic In-Duct Air Purifiers not only removes particles, but also reduces viruses, germs, and toxic gases. Other electronic air cleaners and media air cleaners only capture particles. TRIO does more

TRIO™ PORTABLE AIR PURIFIERS FOR ADDED PROTECTION IN ANY ROOM

The TRIO Family of Portable Air Purifiers feature high efficiency filtration, UVGI, and PRO-Cell. Recommended for use in residential (bedrooms, nurseries, kitchens) and businesses (beauty salons, restaurants, offices) applications as well as facilities like schools and day cares.

CUBE™ COMMERCIAL IAQ SOLUTION MODULAR AIR PURIFIER, DEODORIZER, AND AIR CLEANER

Cube is a heavy duty, 3-in-1 air cleaning and purification system. Reduce germs with 6 UVC germicidal lamps, PRO-Cell technology breaks down toxic gases, and a MERV 13 filter that traps ultra-fine particulates. Bundle Cubes for larger systems.

Pure

FlexMountUV™ Coil Cleaner & Air Purifier Models

Model	Sizing (tons)	Lamp Length (Inches)	Voltage	Lamp Wattage	Lamp Intensity			Lamp Configuration
					(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)	
UV-12FM	1.5 to 3.0	11.9	24	15	37	4,699	13,098	Single Lamp
UV-13FM*	1.5 to 3.0	12.6	24	24	65	8,255	23,010	Twin Lamp
UV-14.5FM	1.5 to 5.0	14.1	24	17	54	6,858	19,116	Single Lamp
UV-17FM*	1.5 to 5.0	16.3	24	36	110	13,970	38,940	Twin Lamp

UV-Aire™ In-Duct Air Purifier Models

Model	Sizing (tons)	Minimum Duct Width (inches)	Voltage	Lamp Wattage	Lamp Intensity		
					(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)
UV-12	1.5 to 3.0	9	120	30	37	4,699	13,098
UV-18	1.5 to 5.0	14	120	30	73	9,271	25,842
UV-28	1.5 to 5.0	22	120	60	105	13,335	37,170
UV-16/120	1.5 to 5.0	16	120	30	62	7,874	21,948
UV-16/24	1.5 to 5.0	16	24	30	62	7,874	21,948

Duo™ Whole House Air Purifier & Air Deodorizer Models

Model	Sizing (tons)	Voltage	Lamp Wattage	Lamp Intensity			Bacterial Germicidal Reduction	Toxic Gas Reduction (VOCs)	Pressure Drop (in WC)
				(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)			
Duo-2000	1.5 to 5.0	120/230	50	135	17,145	47,790	99%	99.3%	.02
Duo-16/120V	1.5 to 5.0	120	30	62	7,874	21,948	99%	99.3%	.02
Duo-16/24V	1.5 to 5.0	24	30	62	7,874	21,948	99%	99.3%	.02
Duo-14/24V	1.5 to 4.0	24	17	57	7,239	20,178	99%	99.3%	.017
Duo-11/24V	1.5 to 3.0	24	15	43	5,461	15,222	99%	99.3%	.015

TRIO™ Electronic Air Purifier - (HHS) model suffix includes HHSC+ control

Model	Sizing (tons)	Nano-Carbon MERV 13 Filtration	Bacterial Germicidal Reduction	Toxic Gas Reduction (VOCs)	UVC Lamps (2) Total Wattage	Lamp Intensity			Pressure Drop (in WC)	
						(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)	.125 @ 800 cfm	.25 @ 1200 cfm
TRIO-16HHS	1.5 to 3.0	92.3%	99%	99.3%	60	70	12,700	24,780	.125 @ 800 cfm	.25 @ 1200 cfm
TRIO-20HHS	2.0 to 4.0	92.3%	99%	99.3%	60	70	12,700	24,780	.18 @ 1200 cfm	.30 @ 1600 cfm

Cube™ Commercial Air Purifier, Air Cleaner, & Air Detoxifier

Model	Sizing (tons)	Nano-Carbon MERV 13 Filtration	Bacterial Germicidal Reduction	Toxic Gas Reduction (VOCs)	UVC Lamps (6) Total Wattage	Lamp Intensity (per lamp)			Pressure Drop (in WC)	
						(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)	.25 @ 1200 cfm	.53 @ 2000 cfm
Cube	6.0	92.3%	99%	99.3%	180	100	12,700	35,540	.25 @ 1200 cfm	.53 @ 2000 cfm

Trio™ Portable Air Purifier, Air Cleaner, & Air Detoxifier

TRIO can clean the air in a room up to 1500 square feet in one hour and 750 square feet in 30 minutes.

Model	Dimensions W x H x D	Weight (lbs)	Noise (dB)	Airflow (CFM)	Coverage 3 Air Changes per Hour (ACH) Square Feet	Coverage Room Size @ 3 ACH	Coverage 5 Air Changes per Hour (ACH) Square Feet	Coverage Room Size @ 5 ACH	µW/cm²@ Surface
TRIO	21.5" x 18" x 8"	23	68	200	500	25 x 20	300	20 x 15	7,434

Trio Plus™ Portable Air Purifier, Air Cleaner, & Air Detoxifier

TRIO Plus can clean the air in a room up to 3300 square feet in one hour and 1650 square feet in 30 minutes.

Model	Dimensions W x H x D	Weight (lbs)	Noise (dB)	Airflow (CFM)	CADR	Coverage 3 Air Changes per Hour (ACH) Square Feet	Coverage Room Size @ 3 ACH	µW/cm²@ Surface
TRIO Plus	17.3" x 28" x 9"	26.2	55	440	295	775	33 x 33	10,620

Trio Pro™ Portable Air Purifier, Air Cleaner, & Air Detoxifier

TRIO Pro can clean the air in a room up to 4940 square feet in one hour and 2470 square feet in 30 minutes.

Model	Dimensions W x H x D	Weight (lbs)	Noise (dB)	Airflow (CFM)	CADR	Coverage 3 Air Changes per Hour (ACH) Square Feet	Coverage Room Size @ 3 ACH	µW/cm²@ Surface
TRIO Pro	30" x 15" x 19"	43.6	58	659	562	1648	40 x 41	8,850

Healthy Home System™ Fan Management & Monitor Control Plus

Model	Description	Voltage
HHSC+	Designed to continuously monitor and manage heating & cooling system fan run time. The HHSC+ can be programmed to indicate time to replace induct air purifier lamps and filters.	24

*50VA Transformer required, ask for part #46638900 TR50VA

†MERV13 Efficiency Particulate Reduction at .30 microns.