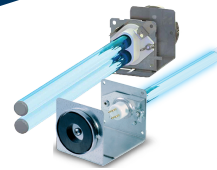


# UVGI SOLUTIONS

In-Duct Models



FlexMountUV™



UV-Aire™ 16



UV-Aire™  
12 / 18 / 28

Portable Models

Commercial Model



TRIO Pro™ Portable  
Air Purifier



TRIO Plus™ Portable  
Air Purifier



TRIO™ Portable  
Air Purifier



Cube™



TRIO-20

TRIO-16



DUO-2000

DUO  
11 / 14 / 16

## 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.

## FLEXMOUNTUV™

### IN DUCT AIR PURIFIER AND COIL IRRADIATION

FlexMountUV is designed for fast, flexible, and easy installation into virtually any forced air ductwork to maximize HVAC operating effectiveness and significantly reduce germs, bacteria, and mold spores in the home.

## DUO™

### IN-DUCT AIR PURIFIERS

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 vapors.

## TRIO™

### WHOLE HOUSE IN-DUCT AIR PURIFIER AND AIR CLEANER

The TRIO Whole House In-duct Air Purifiers not only removes particles, but also reduces viruses, germs, and toxic gases. Other air cleaners and media air cleaners only capture particles.

## 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 and businesses applications as well as facilities like schools and day cares.

## CUBE™

### COMMERCIAL AIR PURIFIER 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.



Consistent with WHO, ASHRAE and CDC guidance for addressing Airborne Viruses - High Efficiency Filtration and UVC Air Treatment

# ULTRAVIOLET GERMICIDAL IRRADIATION (UVGI) AIR TREATMENT PRODUCTS

Improve Indoor Air Quality (IAQ) 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.

Pure										
UV-Aire™ In-Duct Air Purifier Models										
Model	Sizing (tons)	Voltage	Minimum Duct Width (inches)	Lamp Wattage	Lamp Intensity					
					(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)			
 UV-12	1.5 to 3.0	120	9	30	37	4,699	13,098			
 UV-18	1.5 to 3.0	120	14	30	73	9,271	25,842			
 UV-28	1.5 to 5.0	120	22	60	105	13,335	37,170			
 UV-16/120	1.5 to 5.0	120	16	30	62	7,874	21,948			
 UV-16/24	1.5 to 5.0	24	16	30	62	7,874	21,948			
FlexMountUV™ Coil Cleaner & Air Purifier Models										
Model	Sizing (tons)	Lamp Length (inches)	Voltage	Lamp Wattage	Lamp Configuration	Lamp Intensity				
						(µW/cm²@1m)	(µW/cm²@1in)	(µW/cm²@0in)		
 UV-12FM	1.5 to 3.0	11.9	24	15	Single Lamp	37	4,699	13,098		
 UV-13FM*	1.5 to 3.0	12.6	24	24	Twin Lamp	65	8,255	23,010		
 UV-14.5FM	1.5 to 5.0	14.1	24	17	Single Lamp	54	6,858	19,116		
 UV-17FM*	1.5 to 5.0	16.3	24	36	Twin Lamp	110	13,970	38,948		
DUO™ Whole House Air Purifier 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™ 3-in-1 Air Purification System										
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)		
 TRIO-16	1.5 to 3.0	92.3%	99%	99.3%	60	70	12,700	24,780	.125 @ 800 cfm	.25 @ 1200 cfm
 TRIO-20	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)		
 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										
<b>TRIO can clean the air in a room up to 1500 square feet in one hour and 750 square feet in 30 minutes.</b>										
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										
<b>TRIO Plus can clean the air in a room up to 3300 square feet in one hour and 1650 square feet in 30 minutes.</b>										
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										
<b>TRIO Pro can clean the air in a room up to 4940 square feet in one hour and 2470 square feet in 30 minutes.</b>										
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		

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

†MERV13 Efficiency Particulate Reduction at .30 microns.