

PURE

UVGI Solutions



In-Duct Models

HEALTHY HOME SYSTEM™

Ultraviolet Germicidal Irradiation (UVGI) Air Treatment Products

Improve Indoor Air Quality by selecting a Potent Germ Neutralizer 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 attacks 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 neutralize germs in their tracks. Plus, PRO-Cell™, a PCO process that breaks down complex toxic organic compounds and chemicals into harmless carbon dioxide and microscopic water vapor.

HEALTHY HOME SYSTEM TRIO™

IN-DUCT AIR PURIFIER, DEODORIZER, AND AIR CLEANER

The Trio ducted 3-in-1 high efficiency system reduces germs, gases, and particulates. Packed with technology, Trio features a germicidal lamp UVGI, PRO-Cell, and Merv 13 filtration.

TRIO™ PORTABLE AIR PURIFIER

FOR ADDED PROTECTION IN ANY ROOM

The Trio Portable features high efficiency filtration, UVGI, and PRO-Cell. Recommended for use in bedrooms, nurseries, living spaces, dorm rooms, offices, kitchens or any space where extra protection is needed.

CUBE™ COMMERCIAL IAQ SOLUTION

MODULAR AIR PURIFIER, DEODORIZER, AND AIR CLEANER

Cube is a heavy duty, 3-in-1 air cleaning and purification system. Cube reduces 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.

BETTER AIR, FOR BETTER LIVING

The technology in Field Controls UVGI air treatment products is backed by science. The CDC, WHO, and ASHRAE all recommend UVGI for its air disinfection capabilities. Technology counts. Count on Field Controls for your indoor air quality solutions.



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			Reflectivity (Intensity Gain)			Pressure Drop (in WC)
					(μW/cm²@1m)	(μW/cm²@1in)	(μW/cm²@0in)	(μW/cm²@2in)	(μW/cm²@1in)	(μW/cm²@0in)	
	Duo-2000	1.5 to 5.0	120/230	50	135	17,145	47,790	12,342	22,717	63,321	.02
	Duo-16/120V	1.5 to 5.0	120	30	62	7,874	21,948	5,668	10,433	29,081	.02
	Duo-16/24V	1.5 to 5.0	24	30	62	7,874	21,948	5,668	10,433	29,081	.02
	Duo-14/24V	1.5 to 4.0	24	17	57	7,239	20,178	5,211	9,591	26,735	.017
	Duo-11/24V	1.5 to 3.0	24	15	43	5,461	15,222	3,931	7,235	20,169	.015

Trio™ Whole House Air Purifier, Air Cleaner & Air Deodorizer Models

	Model	Sizing (tons)	Voltage	Number of Lamps	Lamp Wattage	Lamp Intensity (per lamp)			Reflectivity (Intensity Gain)			Particulate Reduction†	Pressure Drop (in WC)
						(μW/cm²@1m)	(μW/cm²@1in)	(μW/cm²@0in)	(μW/cm²@2in)	(μW/cm²@1in)	(μW/cm²@0in)		
	Trio-1200	1.5 to 3.0	120	2	30	70	12,700	24,780	9,142	16,827	32,833	92.30%	.30 @ 1200 cfm
	Trio-2000	2.5 to 5.0	120	2	30	70	12,700	24,780	9,142	16,827	32,833	92.30%	.32 @ 1600 cfm

Cube™ Commercial Air Purifier, Air Cleaner & Deodorizer Model

	Model	Sizing (tons)	Voltage	Number of Lamps	Lamp Wattage (per lamp)	Lamp Intensity (per lamp)			Reflectivity (Intensity Gain)			Particulate Reduction†	Dimensions (Inches)
						(μW/cm²@1m)	(μW/cm²@1in)	(μW/cm²@0in)	(μW/cm²@2in)	(μW/cm²@1in)	(μW/cm²@0in)		
	Cube	6.0	120	6	30	100	12,700	35,540	9,142	16,827	32,833	92.30%	23 H x 31 W x 29 D

Trio™ Portable Air Purifier, Air Cleaner & Air Deodorizer Model

	Model	Sizing (sq. ft.)	Voltage	Lamp Wattage	Weight (lbs)	Lamp Intensity (μW/cm²@1m)
	Trio-1000P	1,000	120	10	23	45

Healthy Home System™ Control

	Model	Description	Wattage	Amps	Voltage
	HHSC+	The Healthy Home System Control is designed to operate continuously year round without user intervention. It works with the central system fan and can be programmed to remind homeowners to replace the air purifier UV lamp and air filter. It also displays time/date.	1.68	0.07	24

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

†MERV13 Efficiency Particulate Reduction at .30 microns.

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