

Element Air™

A Division of RGF Environmental Group, Inc.

ELEMENT AIR™ TOWER *Air Purification System*

Reduces:

- Pathogens
- Microbials
- Mold
- Odors/VOCs

Applications:

- Greenhouses
- Cultivation Rooms
- Large Harvest Rooms
- Processing Rooms

Advanced Oxidation Advantage

Most facilities do not check the air for microorganisms on a daily or monthly basis. Bacteria and mold can continuously breed within the environment and on plants. RGF® developed this air treatment system to provide continuous protection in sensitive air spaces.

As air passes through a REME/PHI oxidation chamber, high intensity UV light rays are targeted on a quad-metallic compound, destroying airborne microbes. The process develops a highly charged atmosphere of hydroxyl radicals, hydro-peroxides and super oxide ions. This atmosphere oxidizes contaminants in the air with friendly oxidizers, those which revert back to oxygen and hydrogen after the oxidation process. No chemical residue or dangerous compounds are emitted from the system. The system can reduce levels of airborne microbes and odors by up to 99%. Airborne contaminants in the form of bacteria, mold, and yeast continue to be one of the least addressed issues in most facilities. The unit was designed for grow house applications and does not emit any visible light, allowing to unit to run 24/7.



Pre-filter



H₂O₂



UV Light



CFM

Element Air™ Tower - Air Purification System



Pre-filter



UV Light



H₂O₂



CFM



Free standing and wall mount available

Specifications:

Materials:	Anodized aluminium	
Dimensions:	18" wide x 20" deep x 78" high	
Weight:	70 lbs	
Electrical:	110 Volt 50/60Hz 2.36A 255W	
CFMs:	700 cfm	
Item#	EA-T-G2 (free standing)	EA-T-WM-G2 (wall mount)
Treatment Area:	12,000 cubic feet	12,000 cubic feet
Replacement Media:	EAT-Gen1-0000-RC (3)	EAT-Gen1-2575-RC (1)



CAN/CSA C22.2 No. 60335-1:2016
 CAN/CSA C22.2 No. 250.0:2008
 UL 1598:2008-09
 EN 60335-2-65:2003/A11:2012
 EN 60335-1:2012/A13:2017

WARNING

This unit is recommended to be placed in a room no smaller than 12,000 cubic feet (square feet times ceiling height). This unit has the potential to create high levels of ozone. The ozone levels will depend on the level of microorganisms or contaminants in the space. Ozone will revert to oxygen when it encounters a contaminant. Due to this reaction, ozone levels will always be lower when the levels of contaminants are high and vice versa. An ozone monitor is recommended to ensure safe levels.

Product does not meet California requirements; cannot be shipped to California.



DIVISIONS



ISO 9001:2015 CERTIFIED COMPANY

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