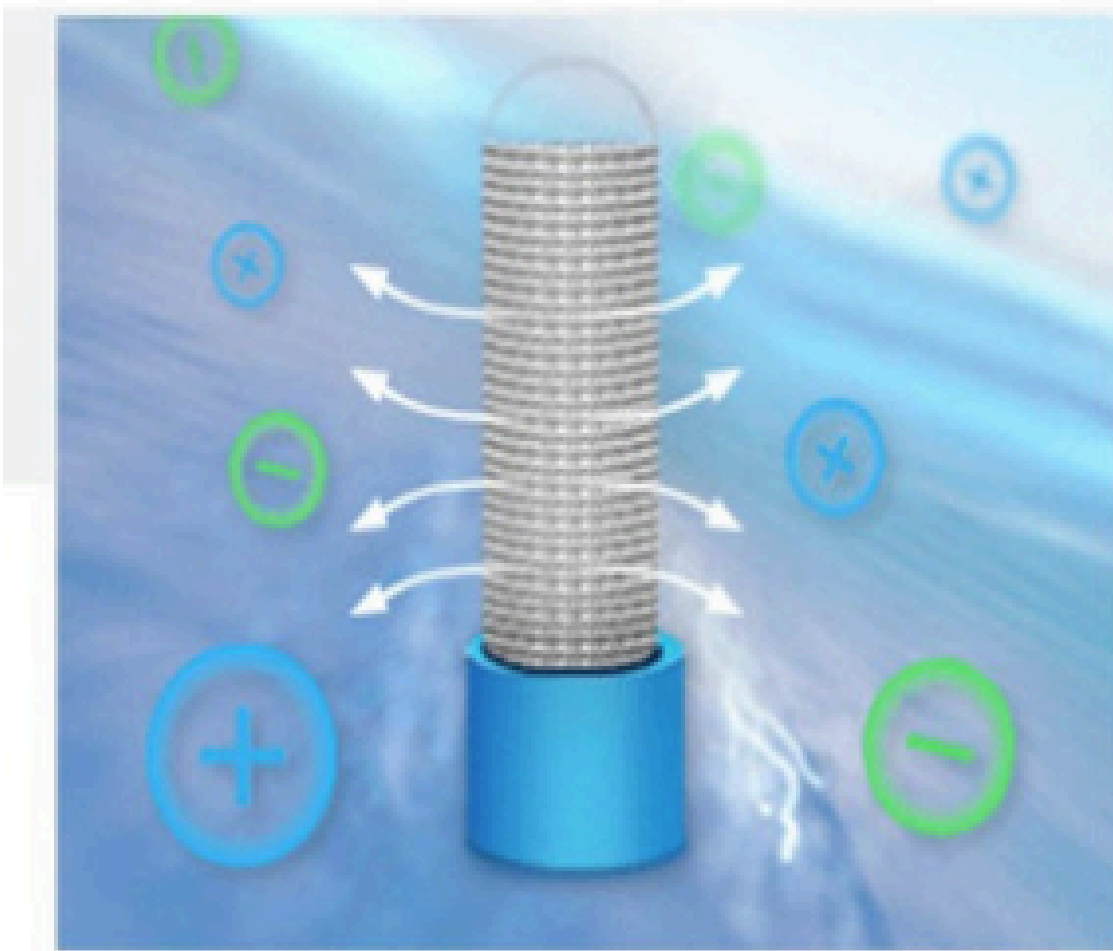
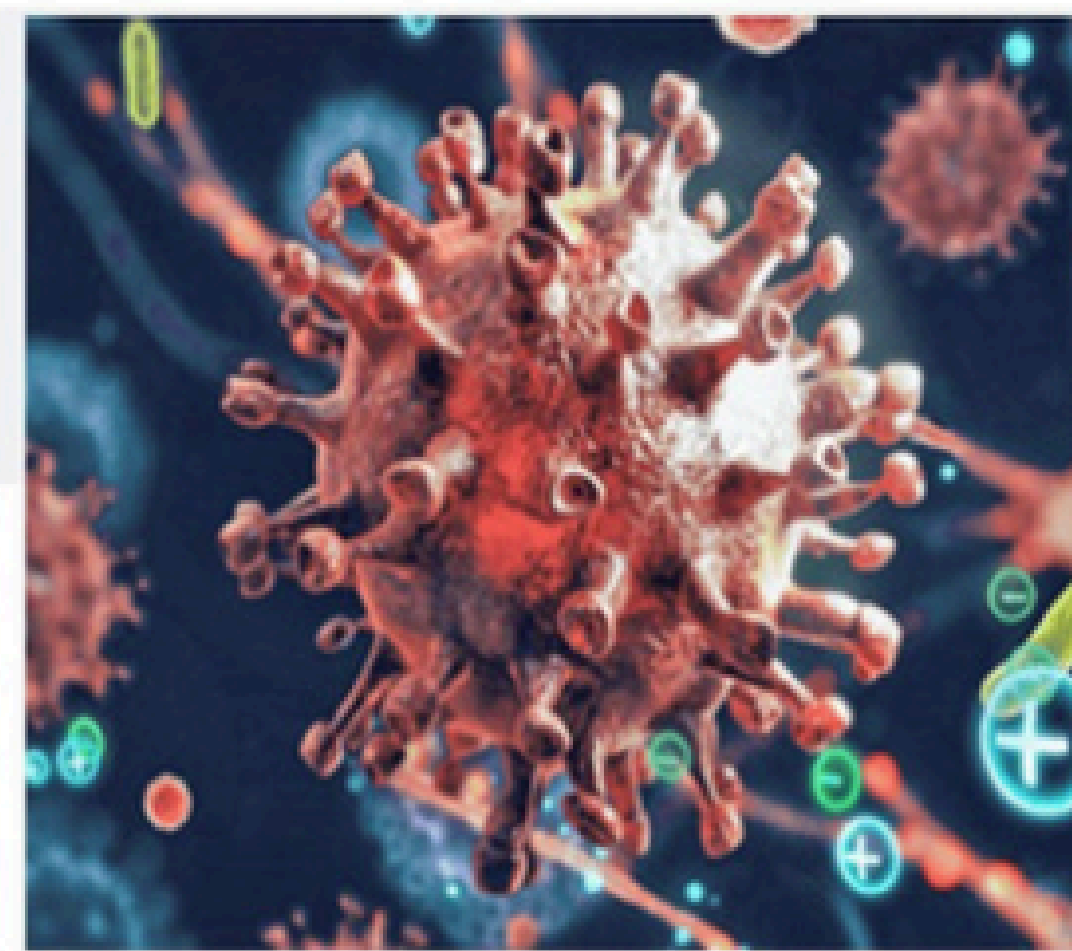


Our Air Purification Systems are designed to be a fast and efficient way to control Mold, Mildew, Bacteria, Pathogens within your cultivation facility



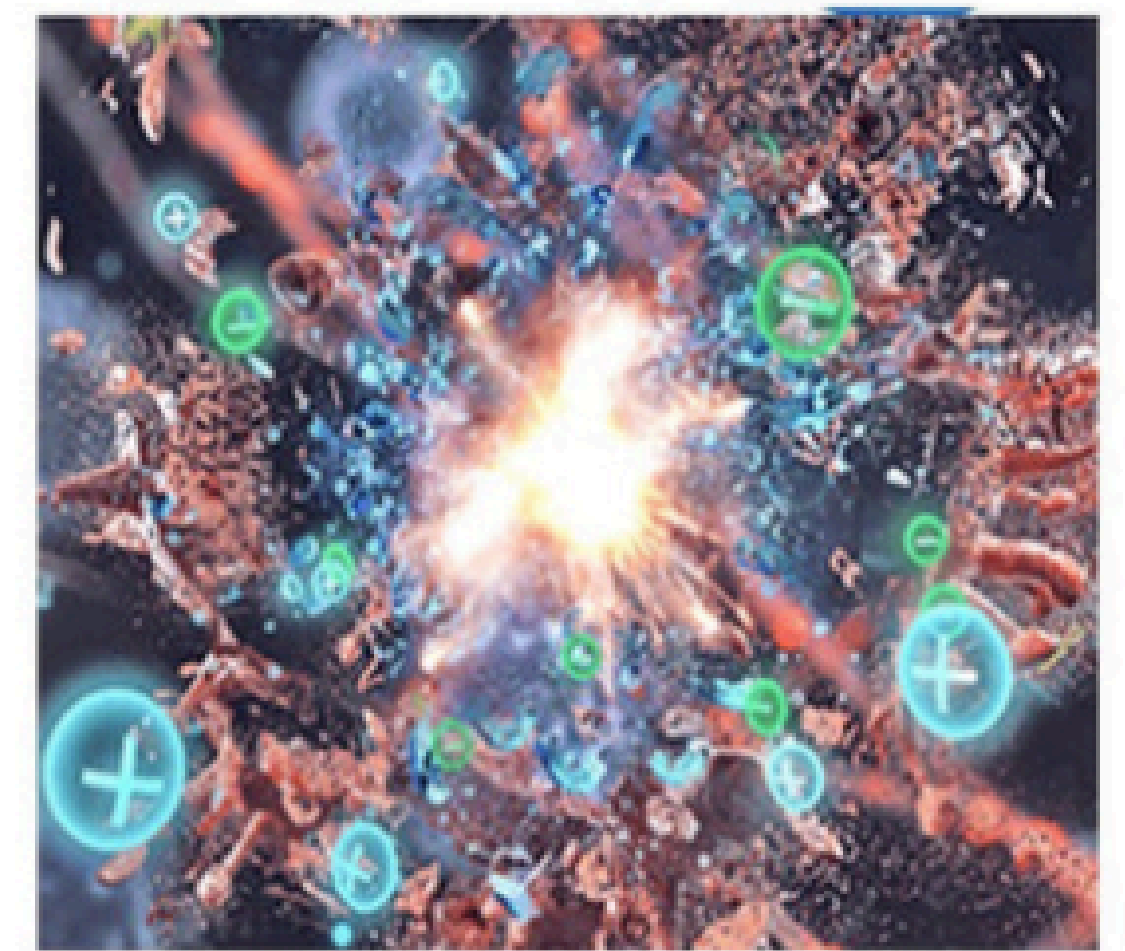
Our Plasma Systems Produces A Large Amount Of Active Ions.




Charged Clusters Actively Attack Mold, Mildew, Bacteria and Pathogens.



Destroying Them From The Inside Out.



Fast Acting, Efficient Way To Sterilize Your Environment.

		Particle Filtration	HEPA / Fine Grain Filters ¹	Carbon Filters ²	Ultraviolet ³	Biofilters	Chemical Scrubber	PCO ⁴
Energy savings	UP TO 30%	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Pressure drop	LOW	LOW	HIGH	MEDIUM	NONE	VERY HIGH	HIGH	MEDIUM
Particle size	SMALL	LARGE(> 5UM)	SMALL(< 0.01UM)	N/A	N/A	N/A	N/A	LARGE
Treats air in room	YES	NO	NO	NO	NO	NO	NO	NO
Treats Make-up / Supply air	YES	YES	YES	YES	YES	NO	NO	YES
Treats return air	YES	YES	YES	RARELY	YES	NO	NO	YES
Treats exhaust air	YES	RARELY	NO	YES	RARELY	YES	YES	RARELY
Capital costs	LOW	LOW	MEDIUM	HIGH	MEDIUM	VERY HIGH	VERY HIGH	HIGH
O&M Costs	LOW	LOW	LOW TO MEDIUM	HIGH	LOW	VERY HIGH	VERY HIGH	HIGH
Energy Costs	LOW	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	MEDIUM
Disposal Costs	NONE	LOW	DEPENDS ON CONTAMINATION	HIGH	MEDIUM	HIGH	HIGH	HIGH
Success rates ⁵	99%	LOW	0-99.7%	LOW	LOW	LOW	LOW	LOW

1) HEPA filters add significant pressure drop resulting in larger horsepower motors and increased fan energy. 2) Carbon has high first cost, additional space requirements in the air handling units and prohibitive media replacement costs. 3) At high levels, UV can create noxious gases and is mutagenic. Bacteria kill rates are negligible with no effectiveness in the occupied space. 4) PCO can produce formaldehyde. 5) Success Rate based on independent tests on airborne pathogens

Cultivated Solutions For Optimal Growth

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