



## ECOQUEST INTERNATIONAL

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The following is a comparison of the EcoQuest Fresh Air and the Biotech Research EdenPURE.

Feature	Fresh Air Built in America	EdenPURE Built in China
Ion Output at 1 meter	1,200,000 ions/cu cm	600 ions/cu cm
UV Bulb Useful Life	25,000 hours	6,000 hours
UV Bulb Intensity	10,000 $\mu$ W/cm/sec	4,000 $\mu$ W/cm/sec
Catalytic Target Surface	Patented RCI process honeycomb which provides over 20x the surface area as a flat plate	Flat plate, minimal surface area
Catalytic Target Material	Patented RCI process, TIO2 PLUS three other rare metals to enhance the catalytic process	TIO2 only
Catalytic Target. Hydrophilic properties to attract water vapor to provide an abundance of Hydrogen & Oxygen on the coating.	YES	NO
University Testing	Yes, both Surfaces & Airborne	None
Case material	Flame-retardant ABS	No flame retardant characteristics
Certification	CE	None (grill will not pass safety requirements of CE)