



Pure Air Hydroxyl Generator

Applied BTU

Submittal



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The Pure Air Hydroxyl Generator is designed to reduce or eliminate any organic particulates in the air to reduce odor and purify the air. This product incorporates a hydroxyl generator with ionization to speed up the production of hydroxyl radicals for odor removal that's 2 to 3 times faster than most purifiers on the market. Pure Air is the only hydroxyl generator on the market with built in bi polar ionization for additional air purification.

Hydroxyl generators create a reaction between UVA, TiO_2 , and water vapor in the air to create hydroxyl radicals. Water molecules (H_2O) are broken apart to create a single hydrogen atom (H) and a hydroxyl radical (OH). The hydroxyl radical disperses into the air, deodorizing, oxidizing, and completely deactivating airborne malodors. Unlike ozone, this method of odor neutralization is 100% safe for use in occupied areas.

Higher humidity levels (meaning more H_2O in the air) results in increased hydroxyl radical production. And the more hydroxyl radicals there are, the faster odors are destroyed.

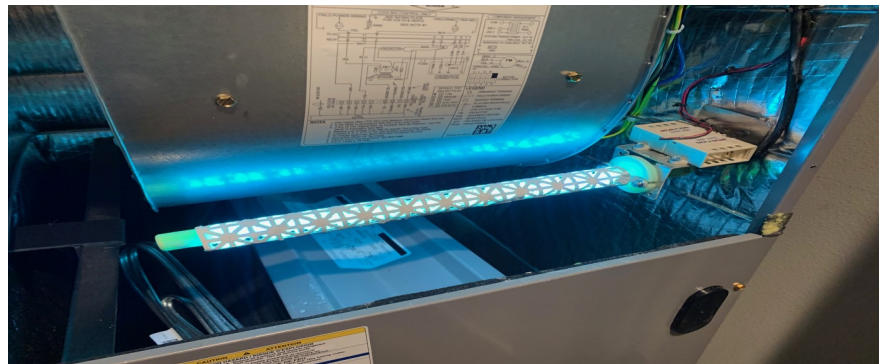
Dimensions: 19"L x 4"W x 4"H

Voltage: 24VAC

Amperage: 0.2A

CFM Rating: 200-2500 CFM

Ion Generation: 440M Ion/CC/Second



Applied BTU

12502 Goldenrod Ave
Bradenton FL 34212

Phone: 941-704-1618
Fax: 941-704-1618
E-mail: smike@appliedbtu.com
Website: www.appliedbtu.com

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