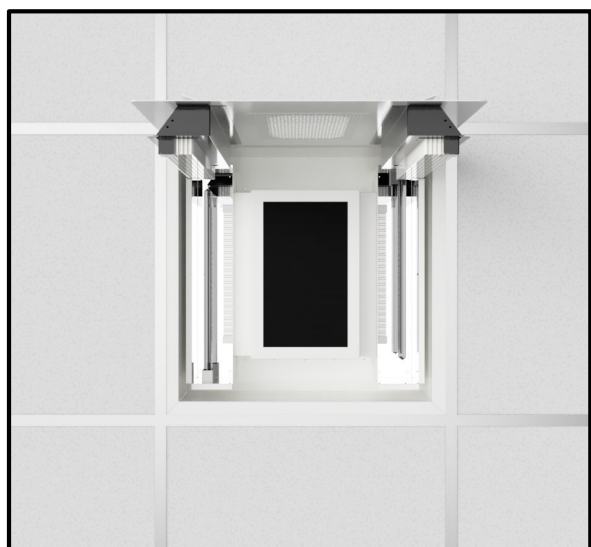


Recessed Mounted High Performance Air Purifier

- 1100 sq/ft coverage
- Continuous, Safe, Air Disinfection of Viruses, Bacteria, and pathogens.
- VOC reduction with PCOR technology
- 220 CFM
- 2 - High Output 60W 253.7nm UV-C Lamps
- Highly reflective chamber for increased efficacy
- Quiet operation of 47dB at the highest speed

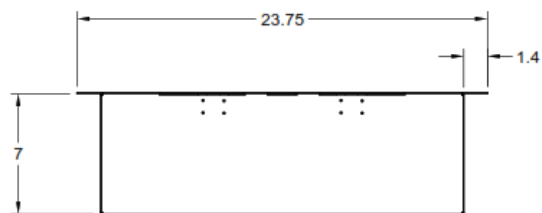


- Dust filter for increased air quality and unit effectiveness with the option of HEPA
- Easy access panel door for serviceability
- Anti-tampering safety switch on panel
- LED status indicators
- All components UL Listed or recognized
- Smart control options available: IoT enabled, Dashboard, remote switches, wireless switches, on unit controls

Cognituv

5004 Bee Creek Rd #320
Spicewood, TX 78669
Team@Cognituv.com
1-888-580-8738
www.Cognituv.com



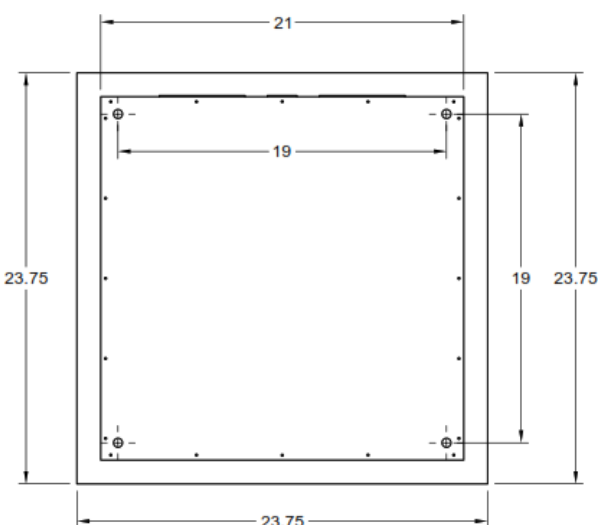


Installation Specifications

Dimensions	19"x19"x7" (Box) - 23.75"x23.75"x1/16" (Lip)
Weight	< 25lbs
Enclosure Material	Aluminum
Mounting Thread Size	3/8" Female Sockets 19"x19"
Clearance Height	7.5"
Power Input	110-277V
Power Consumption	180W

Technical Specifications

Total Fan CFM	220 CFM
Smell Reduction	VOC Reduction via PCOR Tech
Sound @1m	< 47dB
Lamps per Unit	2
Lamp Power Each	60W
Lamp Length	16.5"
Lamp Life	16,000 Hours
Control Options	RF Remote, IOT App, Wall Switch, Wireless Switch, Fan Speed Control
Standard Control	6' power cord with plug for 115-volt operation. It can be hardwired to an existing light switch or dedicated circuit.
Coverage	1100 sq/ft



References

UV-Cis effective against Sars-Cov-2: ---Biasin et al. Scientific Reports. (2021) 11:6260.

UV-Cs effective against other respiratory pathogens:

—Xu et al. Atmospheric Environment 37 (2003) 405-419.

—McDevitt et al. Applied and Environmental Microbiology 3 (2012) 1666-1669

UVC/TiO2 reduces VOCs (incl: alcohols, ketones, aromatics, alkanes)

—Zhong et al. Journal of Hazardous Materials 261 (2013) 130-138.

—Huang et al. Molecules (2016), 21, 56.

Efficacy of chamber based UVC:

—Nasir et al. UCL Discovery (2013) 6.

—Kim et al. Applied and Environmental Microbiology (2018) 84. 17.

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