

VidaShield UV24™ Air Purification System



**24 / 7
DEFEND™**
Solutions for Healthier,
Safer Spaces

Reduces Exposure

- Tests show, proven UV-C air-cleaning technology reduces the transmission of certain viruses, bacteria and allergens
- Simulation studies show, reduces exposure to airborne viruses and bacteria by >20%*
- Cleans the air 24/7 when installed and operated as directed

* A simulation study performed by JB&B showed that VidaShield UV24 reduced inhaled particle concentration by 22% versus no in room air filtration; Simulation based on 8600CF room with 3 ACH from natural ventilation and 2 VidaShield units. Results of real-world applications will vary and are dependent upon a wide range of factors, conditions and assumptions.



Neutralizes 97%
Of Viruses
And Bacteria
(on first pass)



Concealed,
UV



Improves
IAQ

Cleans Air Efficiently

- Ceiling unit is concealed and out of the way
- Patented self-contained UV-C chamber hidden in the ceiling plenum
- In-ceiling placement of air cleaning technology outperforms placement on the floor**

** A simulation study performed by JB&B showed that for equivalent CFM, in-ceiling air purification delivered approximately 14% lower particle concentration than a floor based air purification unit across all sampled inhalation zones.

Time To Clean The Air

with 2 VidaShield Units

1200 SF Space

900 SF

600 SF

300 SF

.5hr

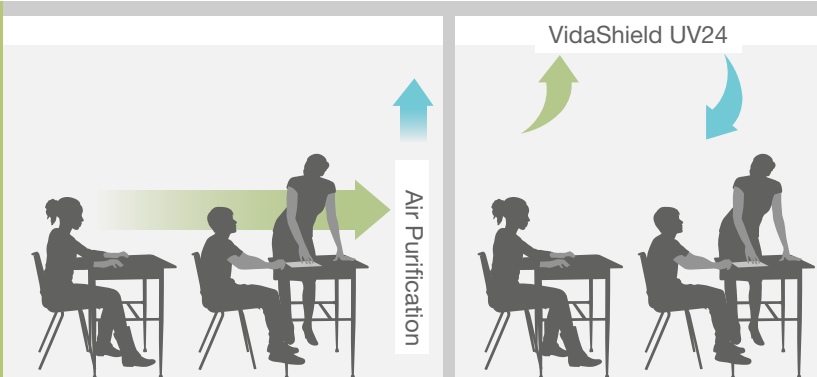
1hr

1.5hr

2hr

Air Flow Examples

Stand Alone Floor Unit vs. VidaShield Unit



Assume 10' high ceilings. Additional units will reduce the time needed to treat the air. Performance time based on VidaShield testing and efficacy.

Learn more at armstrongceilings.com/vidashield

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CEILING SOLUTIONS