

# Improved IAQ Begins at the Ceiling

Improving Indoor Air Quality (IAQ) plays a crucial role in building occupant health and well-being. Better IAQ starts from the top down with in-ceiling air purification. Drawing air up and away from occupants to filter or disinfect the air has been proven to be 14% more effective than floor-based purification\* and helps people breathe easier.

Choose our **VidaShield UV24™** or **StrataClean IQ™** Air Purification Systems to improve your IAQ

- Best practice solutions recommended by the EPA
- Long-term solutions to purify air from the top down
- Meets increased ACH recommended by ASHRAE

VidaShield UV24™  
Air Purification System



StrataClean IQ™  
Air Filtration System



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

# Breathe Easy

\* 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.

Learn more at [armstrongceilings.com/defend](https://armstrongceilings.com/defend)

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CEILING SOLUTIONS

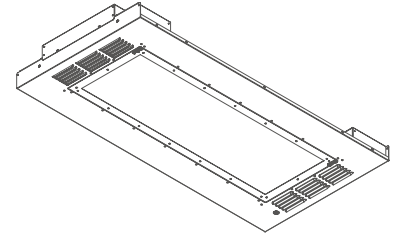


### Common System Attributes

- No HVAC system modification needed
- Can be wired into lighting system and/or occupancy sensors to maximize clean air when the space is occupied
- Unobtrusive, out of the way, and concealed

### VidaShield UV24™ Air Purification System

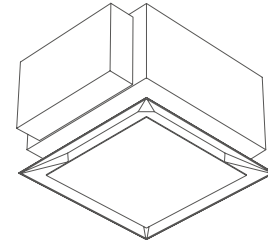
Air Purification Method	UV-C
Ceiling Application Compatibility	<ul style="list-style-type: none"> <li>- Suspended Ceilings (Infill Panel coordinates with Calla® Health Zone™, Ultima® Health Zone™, School Zone® Fine Fissured™)</li> <li>- Drywall / AcoustiBuilt® Ceilings</li> <li>- Exposed Structure</li> <li>- Integrated LED Light Option</li> </ul>
Color	White or Field Paint
Estimated Maintenance Cycle	12 Months (1 – UV-C Bulb & MERV 6 filter)
Unit Dimensions	48 x 24 x 5"
Weight	31-34 lbs
Benefits	<ul style="list-style-type: none"> <li>- Efficient at neutralizing 97% of airborne bacteria, viruses, and allergens</li> <li>- UV-C Bulb Lifespan</li> <li>- Low plenum height installation</li> <li>- Downward accessibility</li> </ul>



Pairs a UV-C Air Purifier with coordinating ceiling panels or LED lighting to offer safe, unobtrusive in-room air purification for cleaner air.

### StrataClean IQ™ Air Filtration System

Air Purification Method	MERV 13 Filter
Ceiling Application Compatibility	Suspended Ceilings (all types and materials)
Color	White, Field Paint, or Custom Colors
Estimated Maintenance Cycle	4,000 hours (10 hrs per day /5 days per week = 1.5 years)
Unit Dimensions	24 x 24 x 14.5"
Weight	58 lbs
Benefits	<ul style="list-style-type: none"> <li>- According to ASHRAE testing, MERV 13 filters are efficient at removing 90% of airborne contaminants, allergens, and particulates down to 0.3 microns</li> <li>- Filter lifespan &amp; low replacement cost</li> <li>- 3-speed variable motor (80, 120, or 150 CFM)</li> </ul>



Quietly captures airborne contaminants, allergens, and particulates to create cleaner, healthier, indoor air quality for every space using proven MERV 13 filtration.



Learn more at [armstrongceilings.com/defend](https://armstrongceilings.com/defend)

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