

StrataClean IQ™ Air Filtration System with Ultima® Health Zone™ ceiling panels installed on 9/16" Suprafine® XL® suspension system

The quiet Armstrong StrataClean IQ™ Air Filtration System captures airborne contaminants, allergens, and particulates to create cleaner, healthier, Indoor Air Quality (IAQ) for every space using proven MERV 13 filtration†.

KEY SELECTION ATTRIBUTES

- MERV 13 filtration with 3 fan speeds to optimize air changes per hour for your space
- In-ceiling air cleaning works up to 35% more effectively than floor-based air cleaning and is part of a long-term strategy to improve indoor air quality††
- Quiet operation – as low as 29 dBA*
- 24" x 24" design allows for easy installation in any suspended ceiling system – easy to incorporate in new or retrofit in existing spaces, with no HVAC system integration required
- Energy efficient design uses only 15 watts – less than a traditional incandescent light bulb*
- Integrates with occupancy sensors to save energy and maximize clean air while the space is occupied

- One unit filters the air for a 1,000 SF space every hour (1 filter = 1 Air Change per hour (ACH) for a 1,000 SF space; up to 2 ACH can be achieved at a higher setting)
- In-room air filtration recommended by the EPA Clean Air in Buildings Challenge
- Can provide up to 2 additional ACH in a 1,000 SF room

* Operating at 150 CFM fan speed

TYPICAL APPLICATIONS

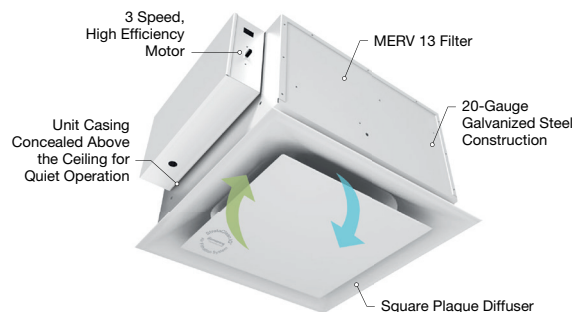
- Education – classrooms, cafeterias
- Office – conference rooms, lobbies, breakrooms, open plan seating areas
- Long-term care/Senior living
- Restaurants
- Daycares
- Retail

COLOR



NOTE: White (WH) coordinates with Armstrong® Suspension Systems. Custom Colors to coordinate with Armstrong Ceiling Systems.

How StrataClean IQ Works
StrataClean IQ uses an internal fan to draw air through one side of the square plaque diffuser, through a MERV 13 filter, and then discharge clean air back into the space through the opposite side of the square plaque diffuser. With the fan continually running, the air in the occupied space is constantly filtered to provide purified, clean air.



new STRATACLEAN IQ™
Air Filtration System

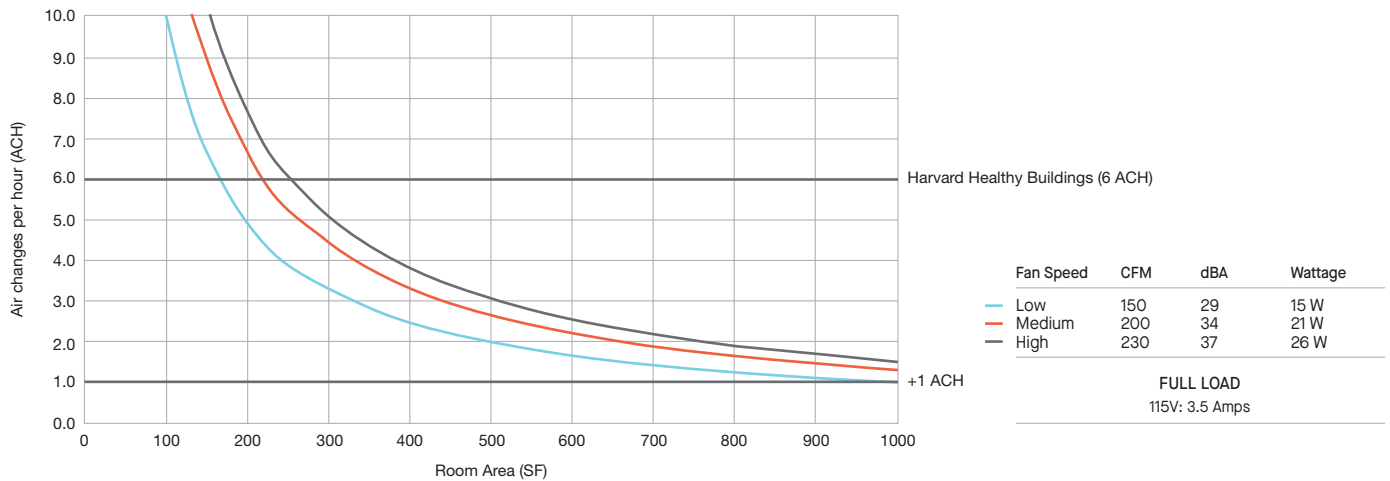
VISUAL SELECTION

PACKAGING

Item No.	Description	Weight	Class	Dimensions	Pcs./Ctn.
1520	Air Filtration System	58 LBS	Class P / Damp Location	24 × 24 × 14.5"	1

NOTE: The Armstrong StrataClean IQ System is not a substitute for existing good building air exchange practices or manual cleaning and disinfection practices. Centrally locate and position clean air outtake away from HVAC air returns for maximum benefit.

STRATACLEAN IQ AIR CHANGES PER HOUR BY ROOM AREA



† MERV 13 filter is at least 85% efficient at capturing particles in 1 µm to 3 µm size range. Source: <https://www.ashrae.org/technical-resources/filtration-and-disinfection-faq>
 †† A simulation study performed by JB&B showed that for equivalent cubic feet per minute (CFM), in-ceiling air purification delivered up to 35% lower particle concentration than a floor-based air purification unit across all sampled inhalation zones.

PHYSICAL DATA

Zinc-coated 20-gauge steel housing. White powder coat finish for diffuser, 1000 HR salt spray rated. Assembly listed under UL507/CSA 22.2 No. 113. 9' 115V power cord. MERV 13, UL® Class 2 filter. Disconnect switch (DSW).

Assembled in the United States for Armstrong World Industries. Distributed by Armstrong World Industries.

MERV 13 Filter
 - Size: 21 × 11 × 2"
 - Filter lifespan - 4,000 hrs
Warranty
 1 Year