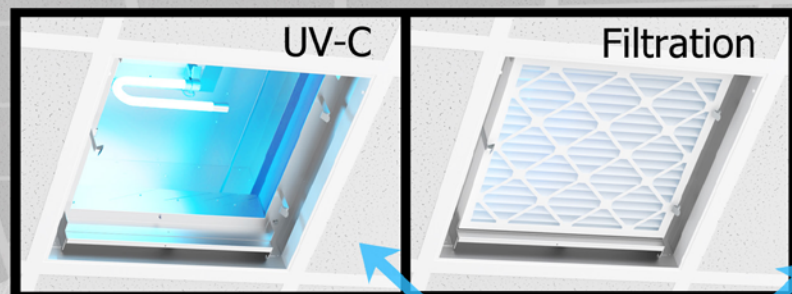


Filter Return

# UV Phantom

*Ceiling-installed High Performance Air Purification System*



UV-C

Filtration



Improved Air Mixing

## Efficient, Discreet, Quiet, Unobtrusive, No Air Drafts

Combines high efficiency air treatment and improved air mixing in the room

Ideal for existing buildings without ventilation systems, including schools and workplace

UV-C light is contained inside the diffusers to avoid human exposure

Only a subtle blue glow is visible, indicating that the air is effectively being treated

UV Diffusers are Certified cULus for Safety, Zero-Ozone Emissions by UL, and by California Air Resources Board

Important: the use of this device is a supplement to and not a substitute for standard infection control practices; users must continue to follow all current infection control practices, including those related to the cleaning and disinfection of environmental surfaces

## UV PHANTOM

INDEPENDENT AIR PURIFICATION SYSTEM  
INSTALLED IN CEILING  
NO VENTILATION SYSTEM REQUIRED  
QUIET  
DISCREET  
UNOBTRUSIVE  
ENERGY EFFICIENT  
UP TO 750 CFM  
ADAPTABLE TO ALL ROOM CONFIGURATIONS  
PROGRAMMABLE WALL SWITCH  
REMOTE CONTROLLED AIR VELOCITY

### DUCT SILENCERS

### FLEXIBLE DUCT

### UV DIFFUSERS

UV-C IRRADIATION + MERV-9A FILTRATION  
3RD PARTY TESTED 99.949% SARS-COV-2 SINGLE-PASS DEACTIVATION AT 458 CFM PER DIFFUSER  
ADJUSTABLE AIRFLOW  
IMPROVED AIR MIXING  
NO DIRECT AIR DRAFTS IN OCCUPIED SPACE  
EASY ACCESS TO FILTER AND UV LAMP  
LAMP LIFE EXPECTANCY 2 YEARS

### SILENCED EC FAN

CERTIFIED ENERGY STAR  
6 SPEEDS  
REMOTE CONTROL INCLUDED

### ARCHITECTURAL FILTER RETURN

DISCREET MERV-9A FILTER  
EASY ACCESS TO FILTER



## QUIET

Installed in the ceiling and powered by a quiet fan, enclosed in a silencer with extra silencers on both ends, UV Phantom is the quietest commercial air purifier in the 750 cfm range. The system can treat a large volume of air with a fraction of the noise of in-room air purifiers

## DISCREET

The only visible parts of the UV Phantom air purification system are the discreet architectural filter return and the two reassuring and esthetically pleasing UV Diffusers, all installed in the ceiling

## UNOBTRUSIVE

UV Phantom does not take any floor space and does not obstruct the view. It also discharges and mixes the air closer to the ceiling and doesn't create unwanted air drafts in the occupied space

## EFFICIENT AIR PURIFIER FOR LARGER ROOMS

The system can treat up to 750 cfm (cubic feet per minute) for a total of 375 cfm per UV Diffuser. This is an equivalent of 6 eACPH (Equivalent Air Changes Per Hour) when treating a room 32 ft x 26 ft with a 9 ft high ceiling.

UV Diffusers have been third-party tested with live samples of SARS-CoV-2 and achieved 99.949% average single-pass deactivation of the virus while supplying 458 cfm of air per diffuser. The lower the air volume per diffuser, the longer the virus exposure time to UV-C light, the higher the virus deactivation performance. 375 cfm or less per diffuser ensures a SARS-COV-2 deactivation rate always superior to 99.949%.

## AIR MIXING IS ESSENTIAL FOR AIR QUALITY

Portable air purifiers create strong air jets in the occupied space. Not only is this undesirable for thermal comfort, but directional jets are also a concern when it comes to airborne transmission. PLAY-UV Diffusers are adjustable to ensure even air mixing across the room. Their high induction airflow pattern attracts contaminated air from the occupied space up towards the ceiling, where it is mixed with treated air to reduce the concentration of contaminants. A large quantity of room air is also extracted by the return air grille, to be redistributed in the room through the diffusers after being purified.

In other words, the system continuously treats up to 750 cubic feet of room air per minute, while also mixing the air more efficiently in the room to better reduce the concentration of contaminants where occupants are.



# FLEXIBILITY IS KEY

The location and arrangement of the return air grille and diffusers is very flexible to adapt to virtually any room size and configuration. Air devices can be positioned strategically in the room in order to optimize air mixing.

PLAY-UV diffusers' 360-degree airflow adjustment further improves design and flexibility.

Six settings of fan velocity between 0 and up to 750 cfm can be selected with a remote control, allowing occupants to find their perfect balance between air velocity, quietness and air purification performance.

