

# PSF-16 & PSF-24 Upper Air UV

The PSF Series (PSF-16 and PSF-24) of upper air ultraviolet germicidal irradiation (UVGI or UV) systems harnesses the power of short-wavelength UV-C light to help kill pathogens or render them harmless. UV is a well-established means of disinfection used to help prevent the spread of certain infectious diseases.

The PSF Series is designed for smaller indoor environments, including spaces with no HVAC in place, that need immediate airflow, circulation, and disinfection. Also helps reduce pathogens that settle out of the air and onto surfaces. The PSF Series can help reduce both the air pathogen load and, in combination with normal surface cleaning procedures, help further reduce the surface pathogen load.

**Indoor environments with smaller spaces that would benefit from the PSF-16 and PSF-24 include, but are not limited to:**



PSF-24

- Healthcare (e.g., doctor's offices, nurse's stations, dental offices, nursing homes)
- Learning (e.g., daycare centers, schools)
- Food packing, prep, and service (e.g., restaurants, grocery stores, butchers, bakeries)
- Retail and service (e.g., gyms, shops, spas, salons)
- Animal care (e.g., veterinary clinics, pet boarding facilities, doggie daycares, grooming salons, animal shelters)
- Law enforcement (e.g., police stations, jails)
- Temporary housing (e.g., emergency, homeless, and transitional shelters)

## Short Form Specs

- Designed for rooms less than 250 sq. ft. (PSF-16) and 400 sq. ft. (PSF-24).
- Requires at least 7 ft ceiling heights and 120V to operate.
- Wall mounted.
- Plugged in.
- Fans at both ends of unit to create powerful airflow.
- Constructed of non-corrosive aluminum.
- Manufactured in the USA.

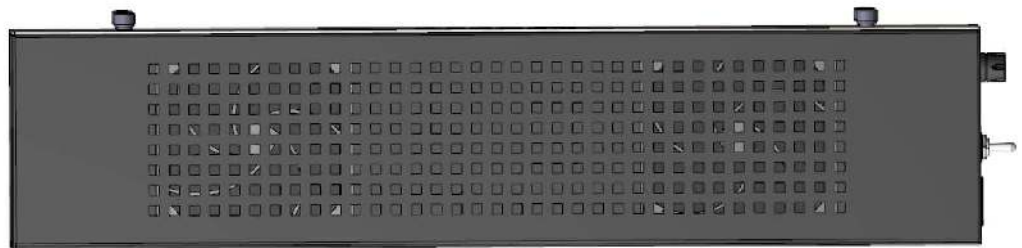


# PSF-16 & PSF-24 Upper Air UV

PSF-16



End view



Bottom view with fan filter cover (PSF-24)

Construction	
Housing:	Aluminum with powder coated (black)
Face plate:	Stainless

Dimensions (H x W X L)	
Product:	5.4" x 7" x 16" (PSF-16)/24" (PSF-24)
Package:	8" x 10" x 20" (PSF-16)/28" (PSF-24)

Weight	
Product:	7 lbs (PSF-16), 9 lbs (PSF-24)
Package:	9 lbs (PSF-16), 11 lbs (PSF-24)

UV-C	
Wavelength:	253.7nm
Ozone:	Produces no ozone

Electrical	
Voltage:	120V only
Amps:	0.6 (PSF-16), 1.1 (PSF-24)

Fan	
105cfm (PSF-16) and 210cfm (PSF-24, 2 speed switch)	
Noise level:	45-50 dB

Installation	
Mounting type:	Wall mount
Wiring:	Plug in with IEC connector

Warranty	
Aerapy's UVGI system warranty	
Device:	Five (5) years
Fan:	One (1) year
UV-C lamp:	9,000 hours (one year for 24/7 operation)