



UV Sanitizing System for Walk-In Coolers

PSF-16PCO & PSF-24PCO

Our PSF series of upper air ultraviolet germicidal irradiation (UVGI or UV) systems harness 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 walk-in coolers, that need immediate airflow, circulation, and disinfection. Models also help reduce pathogens that settle out of the air and onto surfaces. The PSF series can help reduce the air pathogen load and, in combination with standard surface cleaning procedures, further reduce the surface pathogen load. The UV sanitizing system is suitable for use only for walk-in cooler applications above 32° F.

Features and benefits for the PSF-16PCO and PSF-24PCO units include, but are not limited to:



PSF-24PCO

- **PREVENTS FOOD WASTE** - Case studies have proven that the PSF series will extend the life of products stored in walk-in coolers
- **KILLS/INACTIVATES MOLD** - Creates a cleaner walk-in cooler environment by reducing certain odors, molds, allergens, and other pollutants
- **REDUCES PRODUCT SHRINKAGE** - Can extend the life of fresh-cut flowers and produce
- **KILLS BACTERIA, VIRUSES, & INFECTIOUS DISEASES** - More effective than filters that only trap large particles by killing microorganisms that filters cannot catch
- **EASY INSTALLATION** - Can be integrated into Everidge's SmartRite Monitoring System for easy access
- **CERTIFIED SAFE** - For occupied spaces by Intertek ETL to Underwriters Laboratories' UL standards

Short Form Specifications

- Designed for walk-in coolers less than 250 sq. ft. (PSF-16PCO) and 400 sq. ft. (PSF-24PCO)
- Requires at least 7 ft. ceiling height
- Wall-mounted
- Plugged-in
- Fans inside the unit create powerful airflow – one fan on PSF16PCO and two fans on PSF-24PCO
- Non-corrosive aluminum construction
- Requires 120 VAC receptacle or hard wire
- Manufactured in the USA

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PSF-16PCO & PSF-24PCO



PSF-16PCO



End view



Bottom view with fan filter cover (PSF-24PCO)

Construction

Housing:	Aluminum with powder-coated (black)
Faceplate:	Stainless

Dimensions (H x W x L)

Product:	5.4" x 7" x 16" (PSF-16PCO)/24" (PSF-24PCO)
Package:	8" x 10" x 20" (PSF-16PCO)/28" (PSF-24PCO)

Weight

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

UV-C

Wavelength:	253.7 nm
Ozone:	Produces no ozone

Electrical

Voltage:	120 VAC
Amps:	0.75 (PSF-16PCO), 1.5 (PSF-24PCO)

Fan

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

Installation

Mounting type:	Wall mount, horizontal only
Wiring:	Plug-in with IEC connector

Warranty

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









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