

SPECIFICATION

Model AUV24V

UVC Coil Cleaner

FEATURES

- Kills up to 99.9% of mold on surfaces*
- Easy installation with two mounting options - external bracket and internal magnet
- Improves AC systems' efficiency
- Cost-effective solution for chemical-free coil cleaning

*Testing performed on Aspergillus niger mold spores in a sheet metal duct with a new bulb placed 18 inches from the surface.



SPECIFICATIONS

Dimensions Lamp Assembly: Dia x L Ballast Assembly: H x D x L	Lamp: 0.50" x 17.38" Ballast: 2.5" x 1.75" x 2.8"
Shipping Weight: unit /case of 12	2.35 lbs (1.06 kg)/ 30 lbs (13.6 kg)
AC Voltage	24 VAC
Power	17 Watts
Lamps included	1
Cord between ballast and lamp	4 ft (1.22 m)
Optional 40VA Plug-In Transformer (Part # 8029)	40VA Plug-In Transformer Input - 120 VAC +/- 10%, 60Hz 0.45 Amp Output - 24 VAC +/- 20% 40VA Max Load Efficiency Level - IV
Internal Duct Installation	2 parts bracket with magnetic holder
On-duct installation	Duct mounting plate
Visual status on the ballast	Solid LED - Normal Operation Single Flashing LED - Change Lamp Flashing LED - Error <small>Refer to Operation Instructions for Error Codes</small>
Reset button on ballast	At lamp change, reset the counter to 8760 hrs
UV Wavelength in Nanometers (nm)	254nm (UVC)
UV Lamp/ Configuration	T5 -4 Pins
Nominal UV Lamp Length	16 inches (40 cm)
Lamp Change Out Time (hrs)	8,760 Hours or 1 Year (continuous use)
Lamp Warranty	1 year
Ballast warranty	5 years
Lamp part number	AUVRPB - Replacement Lamp

PRINCIPLE OF OPERATION

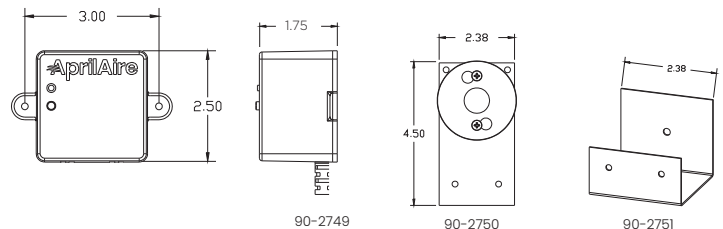
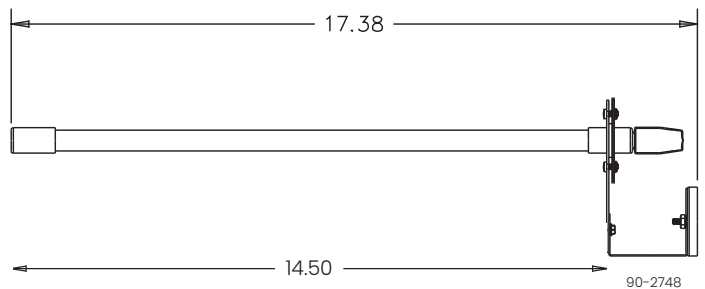
Installed over the evaporator coil, the AUV24V coil cleaner keeps the system running at top efficiency, saving you electricity and preventing the coil from becoming a source of bad air quality.

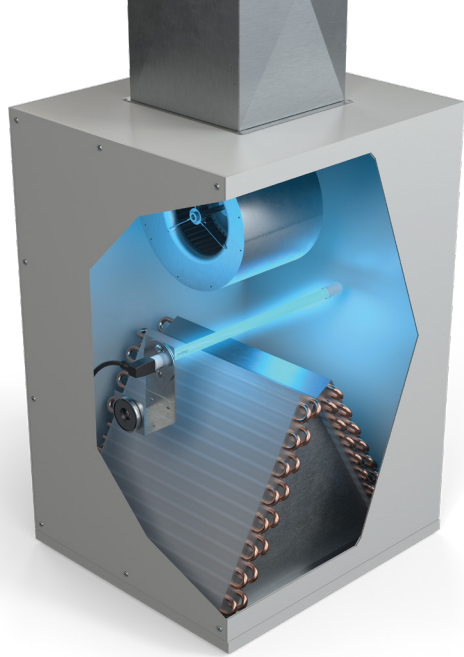
APPLICATION

The AUV24V is equipped with a powerful UV lamp designed to destroy and prevent mold and bio-film from growing on the evaporator coil and surrounding areas.

BOX CONTENTS

- 16" UVC (254nm) lamp
- Electronic 24V ballast with LED system status indicator
- Magnetic multi-bracket for various types of installations
- Mounting hardware
- White cotton gloves
- Lamp change-out reminder decal
- Installation instructions





AUV24V Placement

A “dirty” coil is the result of mold and bio-film coating the coil, acting as an adhesive that attracts dirt and biological contaminants. This bio-film insulates the coil impeding heat/cool transfer efficiency by as much as 15%. In addition, the accumulated bio-film restricts air flow, increasing the fan pressure or pressure drop across the coil.

A UVC lamp system installed over the evaporator coil continuously cleans the coil with germicidal UVC light, preventing and destroying mold and bio-film build-up. This results in a clean and efficient system free from mold, and germs.



AUVRPB Replacement Lamp

To ensure proper performance, the AUVRPB UVC lamp should be replaced on an annual basis.



Bundle & Save with the Clean Air Pair

Capture Airborne Viruses and Kill Mold on the coil. The Clean Air Pair comes with an air cleaner and UVC assembly. See the chart below for details.

MODEL #	CONTAINS	AIR CLEANER SIZE Height x Length x Width	INCLUDED FILTER
UV12	1210 Air Cleaner, AUV24V UVC Coil Cleaner	20" x 25" x 4"	210 Healthy Air 11 MERV 11
UV14	1410 Air Cleaner, AUV24V UVC Coil Cleaner	16" x 25" x 4"	410 Healthy Air 11 MERV 11
UV22	2210 Air Cleaner, AUV24V UVC Coil Cleaner	20" x 25" x 4"	213 Healthy Air 13 MERV 13
UV24	2410 Air Cleaner, AUV24V UVC Coil Cleaner	16" x 25" x 4"	413 Healthy Air 13 MERV 13