

The SpeedLight Jr.

Owner's Information

Gaps between an air filter and filter frame can allow particles to be pulled around the filter, entering the ventilation system and ultimately, the inhabited spaces. Spaces the width of a human hair can be 50 times larger than the contaminants the filter is designed to capture.

Particles that bypass the filtration process can accumulate on the evaporator coils. A build-up of 1/20th of an inch of these particles can reduce energy efficiency and increase utility bills as much as 37%, for the unit. Studies reveal that up to 60% of our energy budget is consumed by heating, ventilation and air conditioning equipment.



Two conditions necessary to support biological growth are nutrients and moisture. Condensation on the evaporator coils and in the drip pan provides the moisture and particles that bypass the air filter provide the nutrients.

Installed correctly the *SpeedLight Jr* can be up to 99% efficient in suppressing microbial growth on the coils resulting in reduced energy consumption, cleaner indoor environment, reduced coil maintenance and extended effective lifetime of equipment.



BEFORE



AFTER

Ultraviolet Light Can Cause Eye and Skin Damage:

Never look at an illuminated ultraviolet lamp without UV protective glasses, such as Uvex Ultraspec 2000 S0360X. Sunglasses are NOT sufficient. Always unplug the lamp before servicing.

Ultraviolet Lamp May Cause Injury:

Ultraviolet lamps are made of glass and therefore fragile. In addition, UV lamps can become hot and cause burns. Allow lamps to cool before handling. **Do Not Discard Used Lamp in Indoor Garbage.**

Maintenance:

UV lamps decline in output over time and are typically replaced before they burn out. For optimum performance, the lamp **should be replaced after 9,000 hours (one year) of operation.**

Replacing Lamps:

- 1) Make sure power is off to the furnace/air handler and the UVC lamp is off.
- 2) Remove the white lamp socket from the UVC lamp.
- 3) Remove the screws holding the UVC lamp assembly in place and remove the old lamp.
- 4) Insert the new UVC lamp assembly and reattach to duct or bracket.
- 5) Reattach the lamp socket making sure the lamp socket is pushed onto the metal pins tightly.
- 6) Turn on the power to the furnace/air handler.
- 7) Replacement UV lamps are available from the original installer.

Warranty:

The **SpeedLight Jr** electronic ballast is warranted against defects and workmanship under normal use and service for a period of three (3) years from date of installation. The UV lamp is covered under warranty for its useful life of one (1) year. This warranty is provided to the original purchaser of the air purifier and is not transferable.

This warranty does not cover damage caused by handling, shipment, negligence, misuse, cosmetic damage, acts of God, connection to improper voltage, improper maintenance, failing to replace UV lamp annually or abuse. The manufacturer is not responsible for the installation of this product. This warranty does not cover faulty installation or damage to personal property resulting from incorrect or faulty installation. The warranty does not cover any labor, the cost of removal or reinstallation of the unit, or the cost of return shipping to the manufacturer. The manufacturer's exclusive obligation under this warranty shall be to supply, without charge, a replacement for any covered component that is found to be defective within the parameters defined herein. The manufacturer reserves the right to replace or repair the defective part or component.

The manufacturer shall not be liable for any loss or damage of any kind, including any incidental or consequential damages resulting, directly or indirectly from any breach of warranty, express or implied, miss-application of the product, or any other failure of this product. The manufacturer's maximum liability shall not exceed the actual purchase price paid for the product. The warranties set forth herein are exclusive and the manufacturer expressly disclaims all other warranties, whether written or oral, implied or statutory, including but not limited to any warranties of merchantability, workmanship, or fitness for a particular use. This warranty does not obligate the manufacturer for any labor costs and shall not apply to defects in workmanship or materials furnished by the installer. If you have a warranty claim, contact the dealer from whom you purchased the product. Proof of original purchase is required. Do not return products or parts without a Return Authorization from the manufacturer.



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