

# *The SpeedLight™*



## *The Quickest, Easiest Installation on the Planet*

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. An accumulation of 1/20<sup>th</sup> of an inch 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 UVGI 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.



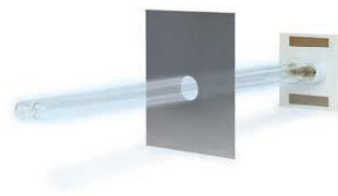
BEFORE



AFTER



Airstream Disinfection



Surface Irradiation

# *The SpeedLight™*

## *Quickest Easiest Installation On the Planet*



*Cut a hole - insert the lamp and you're done - no screws needed.  
Powerful magnets hold the mounting plate in place.*

### **Powerful Ultraviolet Light**

The SpeedLight™ unit features a powerful 16 inch dual-radiant, 36 watt lamp producing 105 $\mu$ w of UV power. That's more than double the output of the typical single lamp. More power means greater destruction of contaminants and a cleaner indoor environment.

### **Dual Applications**

\*Airstream Disinfection - UV in the 253 nanometer range can be lethal to microorganisms in the air stream.

\*Surface Irradiation - UV has been shown to be up to 99% effective in controlling microbial growth in the coil and drip pan area, when properly installed.

### **Features**

Water resistant lamp connection.  
6ft. lamp cable.  
No holes needed for installation in coil area; magnetic mount holds lamp in place.

Warranty :

Ballast – 3 yrs

Lamp – 1 year (9,000 hours)

### **Power Supply**

120 or 24 volt ballast

UL/ULC & CE listed electronic ballast.



Filtration Manufacturing, Inc.  
47 J Faris Road  
Andalusia, AL 36421  
800-239-9495

[www.filtrationmanufacturing.com](http://www.filtrationmanufacturing.com)