

# FEATURES

CLEAR BLUE	Lite	Adv	Master
Destroys mold and their associated odors	X	X	X
Improves energy efficiency	X	X	X
18-32VAC operating voltage	X	X	X
Various mounting scenerios	X	X	X
1 year warranty, including lamp	X	X	X
Ballast fault indication	X	X	X
Optional remote kit	X	X	X
Replace lamp indication	X	X	X
Lamp fault indication		X	X
Over voltage indication		X	X
Under voltage indication		X	X
Over voltage protection			X
Under voltage protection			X
110V/220V			X
Real-time system animation			X
Days Left until lamp replacement timer			X
Countdown purifier animation			X
Contractor call back indication			X
3" illuminated LCD display			X

## WHY UV LIGHT?

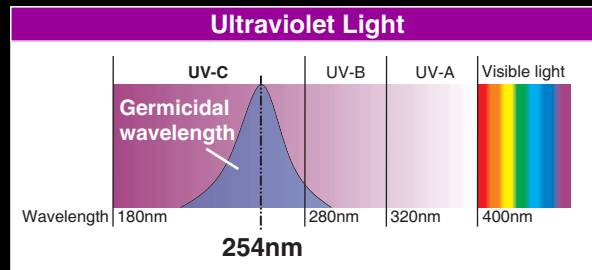
Ultraviolet light has the precise amount of energy needed to break apart organic molecular bonds. What does this mean for you? As the harmful germs and tiny organisms pass through the UV light of your whole house air purifier, their molecular structure is broken down in such a way that results in genetic damage, preventing them from reproducing.

UV light has this destructive effect on microorganisms and harmful pathogens, such as fungi, viruses, bacteria and other invisible invaders. It cleans your air much more effectively than other ordinary air filters on the market today.

A whole house air purifier runs through your central air conditioning and heating unit, disinfecting and sterilizing the air that passes through your vents. It also helps your system to function more efficiently by ridding it of mold, which increases the system's workload.

## HOW DOES UV LIGHT WORK?

UV light in the frequency of ~200-300nm is considered germicidal, C band. The peak frequency for germicidal effectiveness is 254nm. At this frequency UV-C light disrupts the DNA of micro-organisms preventing them from reproducing.



## MAINTAIN CLEAN COILS

Dirty coils (FIG. A) are caused by a buildup of mold & bio-film on the coil. The buildup on the coil reduces airflow, decreases efficiency, and spreads potentially harmful contaminants.



FIG. A

A Clear Blue UV system (FIG. B) uses germicidal UV-C to eliminate mold and bio-film which creates and maintains a clean evaporator coil free from germs, mold, bacteria and viruses.

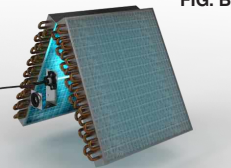
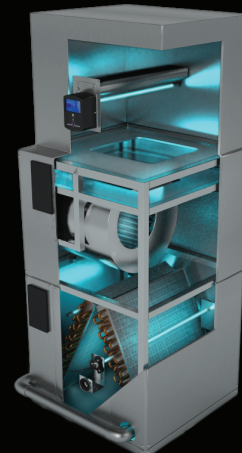


FIG. B



\* Sample installation

# Clear Blue™

Germicidal Ultraviolet Light System



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**Clear Blue™**  
L I T E  
Germicidal Ultraviolet Light System

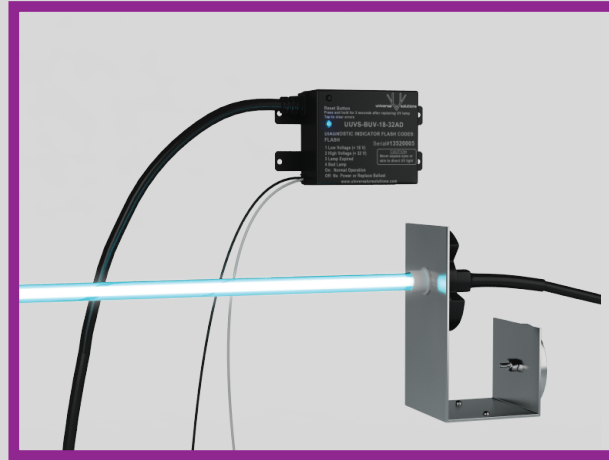


**16" UV - Germicidal Coil Cleaner**  
Destroys mold and their associated odors  
Improve energy efficiency  
Input: 18-32VAC, 50/60Hz  
Various mounting scenarios  
1 year warranty including UV lamp

**Clear Blue Lite Features™**  
Fully enclosed aluminum ballast housing  
Ballast Out detection  
Lamp Expired indication  
Supplied with 4ft wire\*  
\*Optional Remote Kit available up to 25ft

**PERFORMANCE**  
\*Electronic ballast, rapid start  
\*Type 1 class A sound rating  
\*18-30 VAC, 50/60Hz. NPF  
\*4 foot long wire terminated on 4P Gaynor socket (standard) can be extended up to 25 feet with optional remote kit.  
\*3.5" L x 4.5" x 4.1"H (8.89cm x 11.43cm x 10.41cm)

**Clear Blue™**  
A D V A N C E D  
Germicidal Ultraviolet Light System



**16" UV - Germicidal Coil Cleaner**  
Destroys mold and their associated odors  
Improve energy efficiency  
Input: 18-32VAC, 50/60Hz  
Various mounting scenarios  
1 year warranty including UV lamp

**Clear Blue Advanced Features™**  
Fully enclosed aluminum ballast housing  
Over & under voltage indication  
Ballast & Lamp Status indication  
Supplied with 4ft wire\*  
\*Optional Remote Kit available up to 25ft

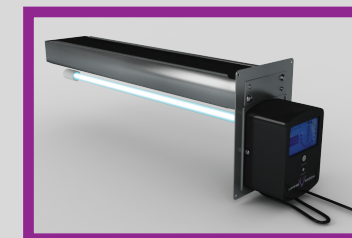
**PERFORMANCE**  
\*Electronic ballast, rapid start  
\*Type 1 class A sound rating  
\*18-30 VAC, 50/60Hz. NPF  
\*4 foot long wire terminated on 4P Gaynor socket (standard) can be extended up to 25 feet with optional remote kit.  
\*3.5" L x 4.5" x 4.1"H (8.89cm x 11.43cm x 10.41cm)

**Clear Blue™**  
M A S T E R  
Germicidal Ultraviolet Light System



**16" UV - Germicidal Coil Cleaner**  
Destroys mold and their associated odors  
Improve energy efficiency  
24V & 110V with included step-down transformer  
intelligent voltage protection for electronics & lamps  
Various mounting scenarios  
1 year warranty including UV lamp

**3" LCD-Lit Display provides:**  
Real-time system status  
Days left until next lamp replacement  
countdown purifier animation  
Lamp out & ballast out visual alarm  
Contractor call-back indicator  
\*Optional Remote Kit available



COMING SOON

PCO KIT