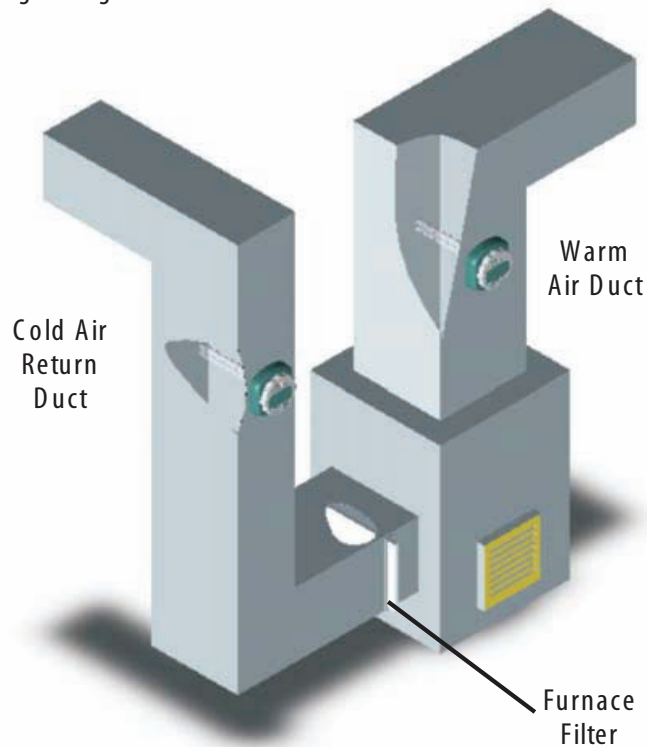


How do I install Swordfish?

Swordfish is extremely easy and safe to install and service. In fact, the Swordfish installation takes an average of 15 minutes and the lamp replacement takes almost the same amount of time it takes to replace a light bulb.

Where do I install it?

Swordfish can be mounted in your return air duct where it will kill most of the micro-organisms passing the lamp, and they will be trapped in your replaceable furnace filter. You can also mount Swordfish above your Air Conditioning Coil or Cooling Coil where it will kill 99.9% of the mold and bacteria growing there.



How do I know it works?

UV rays have been used for over 60 years in hospitals and medical facilities, food and other commercial processing applications, irradiating surfaces and keeping indoor air free of germs, viruses and mold.

Has it been tested?

Swordfish has been tested extensively by Lighting Sciences Inc., University of Waterloo, to determine light output and estimated UVC dose taking into account the velocity of air and exposure time.

How safe is Swordfish?

Swordfish has safety features that prevent accidental exposure to UV. The assembled Swordfish unit cannot be serviced unless the power cord is removed. The "lock tight" lamp assembly also makes it *child-proof*.

How effective is it?

Swordfish's effect on micro-organisms such as *Serratia Marcescens*, which can trigger respiratory illness, results in an approximate single pass kill rate of up to 85%, running at 1200 CFM¹¹. Swordfish has "burnt" these micro organisms severely, and genetically disabled them. The second pass will further destroy them.

¹ Environmental Protection Agency
² American College of Allergists
³ Cornell University, January 2000
⁴ Health Magazine
⁵ Institute of Medicine
⁶ Environmental Protection Agency
⁷ 1 year or 10,000 hours approximate life cycle

⁸ Mid strength unit, based on 1 year continuous run, average rate .10c
⁹ For further details contact Allanson
¹⁰ Standard plenum sizes 20 x 20, although tested up to 36"
¹¹ Dose requirements for specific micro-organisms can be viewed at www.swordfishuv.com.

Outstanding Features and Benefits of **Swordfish** UV Air Treatment System are:

- Alleviates allergy and asthma symptoms
- Quick, safe and easy to install and service
- Swordfish® lamps produce NO ozone
- Protection against accidental exposure to UV rays
- Smart chip technology
- Lamp replacement notification
- Compact and lightweight
- UL & CSA approved

Swordfish® has won numerous awards for best responded to advertisement & Top product

A proud member of
The Greater Toronto Home Builders Association and
the Long Island Home Builders Association



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www.swordfishuv.com

Registered to ISO 9001:2000



Your Whole Home Air Purification Solution



Swordfish® Ultra Violet Air Treatment System kills viruses, bacteria, mold and dust mites that re-circulate inside your home.

Swordfish® by Allanson:
Leading the challenge for healthier indoor living.



Why use Swordfish UV air purification?

- Levels of air pollution inside the home can be two to five times higher than outdoor levels¹.
- 50% of illnesses are aggravated or caused by indoor air².
- Studies have also shown that one gram of duct dust can contain up to 50,000 bacteria³.

How does it work?

Swordfish is mounted inside your duct on your return air, or above your air conditioning coil. Rather than simply trapping your allergy or asthma “triggers”, Swordfish’s UVC sterilizes your indoor air and kills/deactivates the DNA/RNA structure of micro-organisms, rendering them harmless *resulting in Whole Home Healthy Indoor Air.*

How can Swordfish help me?

One out of six people who suffer from allergies do so because of the direct relationship to fungi and bacteria in air duct systems⁴. *If you or your family are one of these sufferers, studies show these conditions can be triggered by molds, dust and other indoor contaminants⁵.*

Swordfish can alleviate your symptoms by attacking your triggers such as dust mites, molds and bacteria. By reducing the impact of these triggers, Swordfish can help relieve the following: asthma, allergies, hay fever, fatigue, dizziness, headaches, shortness of breath, coughing and wheezing.

Swordfish Lamps

Swordfish lamps do not produce any ozone. (Exposure to ozone can worsen chronic respiratory diseases such as asthma, and compromise the ability of the body to fight respiratory infections)⁶.

They have no end caps that block illumination and therefore will not result in “non-sterilized air pockets”. The Swordfish ballast has also been tested by Philips lighting in the Netherlands. Our Philips lamp has been tested and performs at a broad range of normal air conditioning and heating temperatures and velocities⁹.

Allanson’s smart chip technology

Allanson has 80 years of manufacturing expertise, bringing ballasts, transformers and ignitors to the heating and air conditioning industry. By manufacturing



our own ballasts, we are able to provide superior lamp performance. Our *smart chip technology* enables Swordfish to monitor lamp and ballast performance throughout the lamp’s life cycle⁷, and identifies when it’s time to replace or service the lamp.

Swordfish draws only .5 amps and would cost approximately \$31.54/year to run⁸.

Does it replace other air filters?

Swordfish can be used in conjunction with any existing air filter or purifier such as electronic filters and HEPA filters. However, it requires only a good quality furnace filter to obtain optimum performance.

Applications

- 18-Watt Unit Smaller residential duct size applications – sterilizes area up to 1000 sq. ft.*
- 36-Watt Unit Normal Residential duct applications¹⁰ – sterilizes area up to 3500 sq. ft.*
- 60-Watt Unit Light commercial & high output residential applications, standard duct sizes*

Model	Lamp Length	Output Watts	Order Replacement Lamp
UVA18W	9"	18W	UVA18WLR
UVA36W	16"	36W	UVA36WLR
UVA60W	16"	60W	UVA60WLR

