

# BIO-FIGHTER® ULTRA-FLEX

## Features

- Small 4" x 9" footprint. Only 2" tall.
- Adaptive multi-voltage electronic ballast
- Remote-mount lamp design
- Extra long 6-ft lamp cables
- Single and dual lamp models
- 14", 16", 20" lamp lengths
- AHU viewport
- ETL safety agency listing to UL 1598
- Limited lifetime warranty



The Ultra-Flex offers more value and choice than ever before in a UV light system. By combining compact size and remote-lamp capability, the Ultra-Flex provides a first-class UV system for installation in even the tightest spaces. It's in these tight HVAC applications where you will really appreciate the small 4" x 9" footprint. And 6-ft remote-lamp cords allow you to install the Ultra-Flex chassis on a wall, or even a ceiling! The Ultra-Flex offers more of what you want and have come to expect from the Bio-Fighter® system. At a very attractive price.



Adaptive electronic ballast senses input voltage and automatically adjusts for 120V to 240V power.

External fuse and lighted On/Off switch for easy and safe operation of the Bio-Fighter®.

User-friendly slide-clip lamp retention system makes bulb replacement easier.

Moisture boot seals lamp connections against moisture in high humidity environments.

Stainless steel remote-lamp housing protects lamp connection assembly from accidental damage.

An air handler viewport is included. Making it easy to monitor lamp operation in every application.



# BIO-FIGHTER® ULTRA-FLEX

## Germicidal Ultraviolet Light

# Specifications

The Bio-Fighter® Ultra-Flex assists in preventing the growth of micro-organism contaminants in the HVAC system. To ensure maximum effectiveness, install and maintain the Bio-Fighter® in accordance with installation and maintenance instructions.

**Dimensions:** See Fig.1

**Electrical:**

The Ultra-Flex uses a multi-voltage electronic ballast able to operate within a range of 120 to 240 volts.

Power Ratings: 120V - 240V, 50/60 Hz.

**Temperature:**

45° F - 150° F (Outside of duct).

**Lamp:**

9000 hour lamp life. Ozone-producing lamps available as an option.

**Listings:**

ETL Safety Agency - File # 2002554

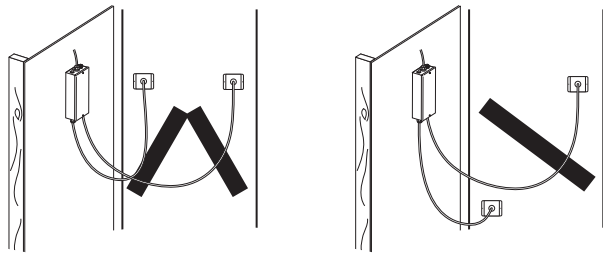
FIFRA - File #73316

## Sizing

Single and dual lamp models available. For optimum results and maximum UV-C output, dual lamp units are recommended for A-coil and return air applications.

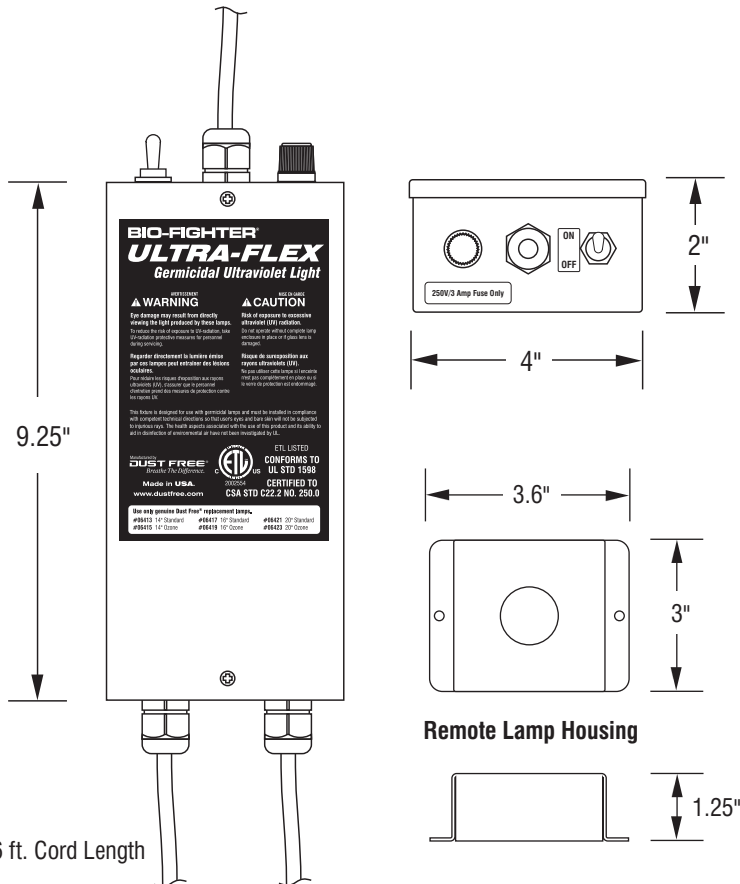
## Installation

The Bio-Fighter® Ultra-Flex remote-mount UV-C lamp system can be mounted anywhere in the HVAC system or ductwork. The preferred installation location is near the cooling coil.



Ultra-Flex mounted on wall near air handler. Remote lamp cords allow the Ultra-Flex to be mounted anywhere within 6 feet of the air handling unit.

Fig. 1 Dimensions of single and dual bulb Ultra-Flex.



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