

# BIO-FIGHTER® VERSALIGHT

## Features

- Remote-mount chassis design
- Quick-release lamp retention system
- Dual lamp option
- Very High Output germicidal lamps
- Multi-voltage electronic ballast
- 6 foot lamp cables
- Metal lamp housing
- ETL safety agency listing to UL 1598
- Limited lifetime warranty
- FDA Class II medical device listing



Versatility is the word that best describes the Bio-Fighter® VersaLight. HVAC applications where germicidal UV light is needed exist in a wide variety of mechanical and electrical parameters. The VersaLight provides the installing contractor with a patent pending, safety interlocked, remote mounted lamp capability that allows placement of one, or two, of the VHO lamps anywhere within 6 feet of the VersaLight's chassis. This remote feature, coupled with the VersaLight's multi-input voltage power supply that can handle 120V to 240V, make the VersaLight the "One size fits All" UV-C fixture in your UV product line.



Single or dual remote-mount capability allows flexibility in unit location and application.

Smart ballast technology senses input voltage and automatically adjusts for 120V or 240V power.

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

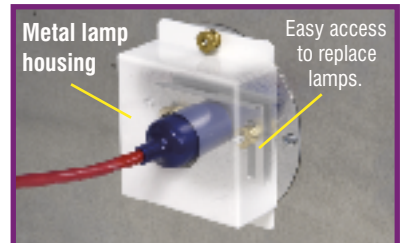
Moisture boot seals lamp connections against moisture in high humidity environments.

Custom designed lamps offer greater durability while emitting higher levels of disinfecting UV-C light.

Lighted On/Off switch and external fuse are conveniently located.

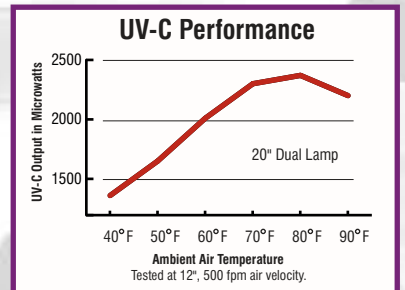


Remote mount cords are 6 feet long!



Metal lamp housing

Easy access to replace lamps.



The Bio-Fighter® VersaLight 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 VersaLight uses a multi-input voltage electronic ballast able to operate within a range of 120 to 240 volts. The unit uses a detachable 6 foot power cord.

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

Full Load Amps: 120V - .90 Amps. 240V - .50 Amps.

**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

FDA Class II Medical Device

FIFRA - File #73316

## Installation

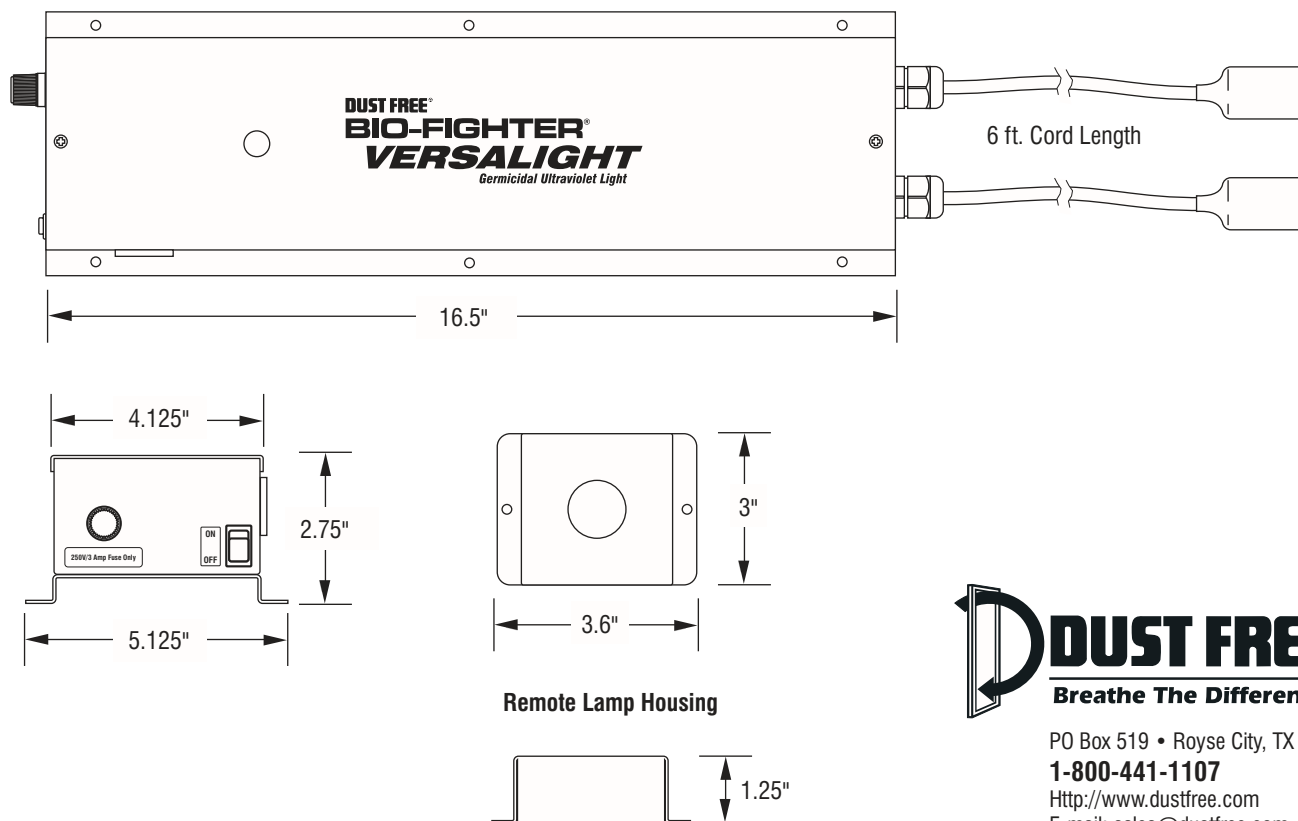
The Bio-Fighter® VersaLight remote-mount UV-C lamp system can be mounted anywhere in the HVAC system or ductwork. The preferred installation location is near the cooling coil where mold infestation is most likely.

**UV-C Output ( $\mu\text{W}/\text{cm}^2$ ):**

VersaLight	14" Lamp	16" Lamp	20" Lamp
Single Lamp	530	650	890
Dual Lamp	1000	1280	1650

Tested at 50°F, 12", 500FPM air velocity.

**Fig. 1 Dimensions of single and dual bulb VersaLights.**



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