

**BioFender™ Germicidal UVC Lamp (Model RM1-2414)** is a coil irradiation UVC unit that installs directly into the cooling coil of a central heating and cooling system. The Germicidal UVC Lamp is available with a 14" lamp and produces an output of 55 microwatts @ 1 meter to kill any biological growth on the coil and other surfaces that the UVC rays come in contact with. This lamp will also prevent this surface growth from occurring in the future.

According to the EPA, the combined use of filtration and germicidal UVC light is an effective means of preventing the distribution of airborne pathogens in occupied spaces. Keeping coils free from biological growth, bacteria and viruses is one step in the prevention of this spread.



## Features

### Fast Installation

- Installs in just minutes without costly ductwork modifications
- Requires minimal space to mount
- Suitable for up to a 5 ton AHU

### Economical Operation

- Low static pressure drop lets blower run efficiently
- Safe, quiet, dependable operation

### Optional Accessories

- Lamp Reflector Kit(s) 500489-12 (12")
- 50 VA Transformer P/N 5031MT

### Warranty

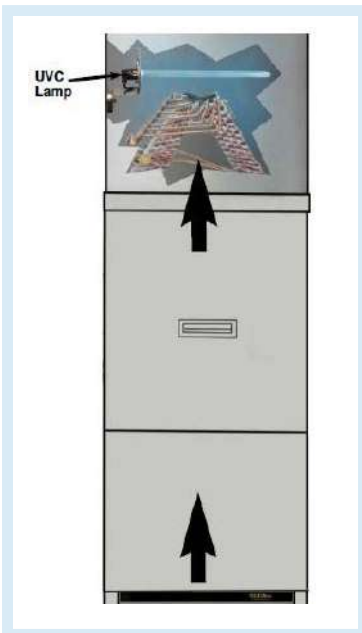
- Three (3) year warranty on the parts
- Lamps are warranted against defects for three (3) years

### Standard Accessories

- 6' power cord with mid-cord connector
- Dual purpose mounting kit with Z-bracket and powerful magnet for in-duct mounting – converts to duct board mounting kit.

### Easy Maintenance

- 27,000 hour UV-C lamp requires replacing only once every three years.
- Two LED Monitors to indicate power and lamp operation
- Unit includes countdown timer that displays when the lamp is ready for replacement.



Lamp Reflector  
500489-12 (12")



Adapter Kit  
500483-24V-DM (18 per box)



Replacement Lamp  
LSK-24V-14

## PART NUMBERS/ACCESSORIES:

BioFender™ Germicidal UVC System	RM1-2414
20 Watt Replacement Lamp 14" (3 Year)	LSK-24V-14
20 Watt Replacement Lamp 14" (3 Year) w/ adapter kit	LSK-24V-ADPT
Lamp Reflector for Mount Kit	500489-12 (12")
50VA Transformer for use with ER-UV-14-24V	5031MT

## Electrical

Electrical Input: 24VAC, 50/60 Hz  
UV Lamp – 12" (3 Year): 20 watt, 55 µw/cm<sup>2</sup> @1 meter  
Amp Draw (max.): .8 Amps

## Weight & Dimensions

Bulb Length: 14" (35.6 cm)  
Inside Duct Clearance: 16.5" (41.9 cm)  
Lamp Opening: 5" (1.3 cm)  
Weight (Packaged): 3.0 lbs. (1.36 kg)



## Protect Your Indoor Air Space