RD-Fx™ Fixed Mount UVC System

Rapid disinfection in under 2 minutes

ROOM
DISINFECTION
COMPLETE

TOUCH SCREEN TO CONTINUE

RD-Fx UVC

UV LIGHT
SHUT OFF

RD-Fx
UVC

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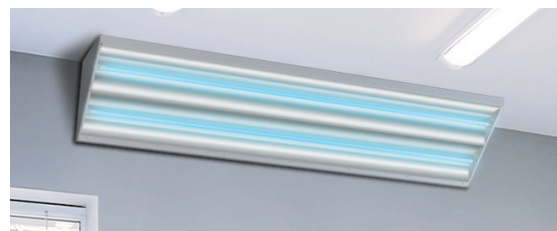
The **RD-Fx™ Fixed Mount UVC System**

Helping to keep you and your patients safe.

The health of your staff and the patients you serve is your top priority – and it's ours, too. Keeping your surgical center effectively and reliably disinfected is the first step, and the RD-Fx™ Fixed Mount UVC System is the dependable choice. The RD-Fx™ Fixed Mount UVC System is an advanced disinfection system designed to provide **rapid disinfection** of a procedure or operating room in **under 2 minutes** resulting in zero downtime between cases. Your FTE staff can be attending to other things, while the RD-Fx™ Fixed Mount UVC System is rapidly disinfecting the room for coronavirus and other harmful pathogens, including viruses and bacteria.

Simple and Powerful.

Operation of the wall/ceiling-mounted RD-Fx™ Fixed Mount UVC System is simple and it does not have to be moved or positioned with each use. Its powerful, cloud-based reporting system – uniquely configured for your space by our Steriliz UVC experts – provides unrivaled accountability and compliance reporting.

After each procedure, complete a manual clean like you normally would do. Exit the room, close the door, enter a user-specific PIN, select the dose desired (if you have programmed multiple doses, i.e., COVID-19, MRSA, C.diff, etc.), and press Start to begin the disinfection cycle. The display shows a countdown and indicates when the process is complete. Disinfection data (room, date, time, user, duration, delivered dose, etc.) is posted to your cloud portal in real time. When completed, the room is immediately available for your next patient. It's that simple.

Disinfection. Delivered.

The RD-Fx™ Fixed Mount UVC System features a patent-pending, Sure-Safe™ remote calibration sensor that measures the UVC output from the RD-Fx™ Fixed Mount UVC System light fixtures at a targeted location in the room. The Sure-Safe™ sensor confirms that the required UVC dose has been delivered to the targeted areas in your space and that each RD-Fx™ Fixed Mount UVC System stores the calibrated dosage profile for future disinfection treatments. Calibration of the system is simply performed by your staff as often as you like but recommended at least once every 180 days.

The RD-Fx™ Fixed Mount UVC System joins the family of RD™ UVC Disinfector Systems — the only UVC systems that measure and confirm that the published UVC dose necessary to kill pathogens has been delivered. The RD™ UVC Disinfector Systems are the only scientific dose, measurement-based systems on the market today.

Key Features of the RD-Fx™ Fixed Mount UVC System.

■ **Eradication of Aerosolized Pathogens**
The RD-Fx™ Fixed Mount UVC System addresses aerosolization of very small, fine droplets and particles – containing infectious viruses – that are released into the air as a result of medical procedures. Used between each patient case, the UVC light eradicates airborne and surface pathogens.

■ **Fixed-Location Placement**
One-time, initial installation – by any licensed electrician using the RD-Fx™ Fixed Mount UVC System Installation Manual and Steriliz team support – means there's no need to position fixtures with each use. Light fixtures are mounted to the wall or ceiling, depending on the room. The number of RD-Fx™ Fixed Mount UVC System fixtures used per room depends on the room size and treatment time desired.

■ **High-Tech Linear Fixtures**
Feature highly polished, precision tuned reflectors to maximize UVC output and minimize treatment time, thereby keeping your room available for use more of the time.

■ **Patent-Pending Remote Fixed Sure-Safe™ Sensors**
A patent-pending remote wireless calibration sensor ensures the total amount of UVC light delivered from the fixtures is equal to, or greater than, what is required to inactivate the targeted pathogen.

■ **Ultra-Fast Treatment Time**
A location-specialized UVC dose is quickly delivered to target life-threatening HAI pathogens and disinfect an entire room with higher efficacy. Rooms can be disinfected in as little as 2 minutes, minimizing downtime between patient cases.

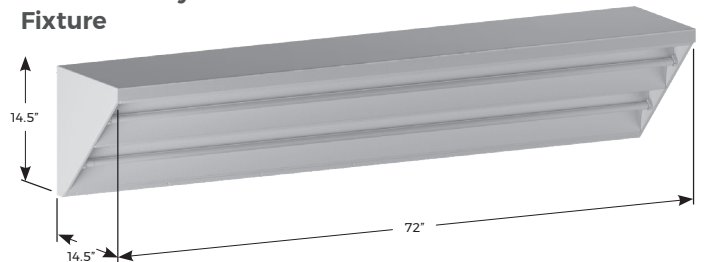■ **Real-Time, Online Data Capture**
Critical information, including date, time, operator, room number, cycle time, and delivered dose, is captured via In-Trak™ Infection Control Software.
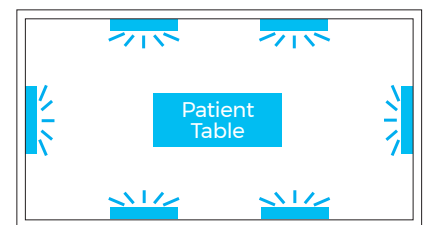
■ **Touch-Screen Control Panel**
The user-friendly control panel is located outside the room for safe operation of the system. Additionally, e-stop buttons are easily accessible to stop or pause the system in case of an emergency.

ROOM DISINFECTION COMPLETE
TOUCH SCREEN TO CONTINUE
RD-Fx UVC

UV LIGHT SHUT OFF
RD-Fx UVC

■ **RD-Fx™ Fixed Mount UVC System Fixture**

14.5"
14.5"
72"

■ **Ideal Placement for 6-fixture System**

Patient Table

System Components Supplied with Each Package

· RD-Fx™ High Output UVC Fixtures with Ultra-Reflector, Ballast and 2 Lamps
· (2) Red E-Stop Switches with Switch Plates
· (1) Touchscreen Control with Mounting Kit
· (2) Sets of Door Contact and Magnet
· (1) Control Box
· (1) USB Cable and Power Cable
· Installation Instructions

RD-Fx™ System Add-Ons

These add-ons are required if you do not already have a RD UVC System.
· Wireless Calibration Sensor
· Wi-Fi Hotspot (or use facility network)
· 1-year Support and Cloud Access

For any other customization needs, please contact your sales representative.

Power Requirements for Each 2-Lamp Fixture

VOLTAGE
· 120 Vac

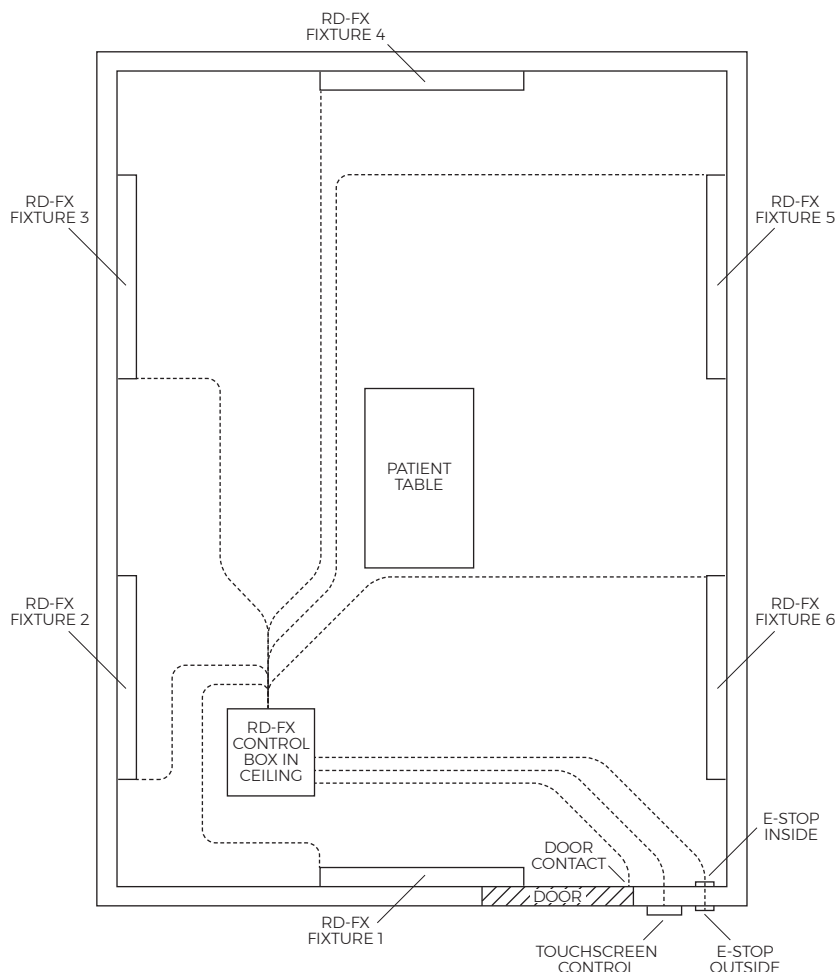**CURRENT**
· 7 amps per fixture

FREQUENCY
· 50/60 Hz

EXTERIOR DIMENSIONS
· L: 72 in. (182.88 cm)
· W: 14.5 in. (36.83 cm)
· D: 14.5 in. (36.83 cm)

RD-Fx™ FIXTURE WEIGHT
· 56 pounds each

RD-Fx™ SYSTEM LAYOUT - TOP VIEW
PROCEDURE ROOM - TYPICAL LAYOUT

Installation is straight forward for a trained electrician.
The diagram above shows a typical procedure room floorplan layout of RD-Fx™ Fixed Mount UVC System components. Note the RD-Fx™ fixtures are on opposite walls and centered on the patient table so all surfaces are exposed to UVC light when the system is in operation to disinfect.

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