



ATLANTIC ULTRAVIOLET
CORPORATION® SINCE 1963

Case Study

Tiger Schulmann's of Smithtown

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Sensei James Leonelli

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Pictured left to right: Dominic Gelish, Instructor and Sensei James Leonelli, Owner and Instructor

I pride myself in always providing a clean, sanitary, and safe environment for my students.

—Sensei James Leonelli

The Challenge

With 25 years training and 15 years in business, I know the level of attention that needs to be paid to disinfection. While we currently use a hospital-grade liquid disinfection cleaner throughout our studio—with the events of the past two years, it's time to take our disinfection procedures to the next level in the mat area, our high-touch zone.

The Solution

We have chosen to work with **Atlantic Ultraviolet Corporation**®, which has 58 years of experience in the UV-C technologies industry.

The UV Application Engineer recommended **Sanidyne® Prime Remote UV-C Portable Air and Surface Sanitizers** (8-Lamp Model) for use in **unoccupied** areas after traditional disinfection procedures are complete, to ensure inactivation of infectious microorganisms such as bacteria, mold, and viruses.

By including germicidal ultraviolet (UV-C) air and surface disinfection to our procedure, we will protect our students from future outbreaks—not only from surfaces, but from the air and hard-to-reach areas that may not be contacted by liquid cleaning solutions.



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The Solution

The **Sanidyne® Prime Remote** is made in the USA. It utilizes **8 STER-L-RAY® High Output (HO) Germicidal Ultraviolet (UV-C) Lamps** to purify air and exposed surfaces in unoccupied areas. These special lamps generate high levels of germicidal ultraviolet rays lethal to infectious microorganisms such as bacteria, mold, and viruses. Germicidal ultraviolet disinfection dosage is a function of time and intensity to which the air and surrounding surfaces are exposed.

PRODUCT HIGHLIGHTS

- Constructed of corrosion-resistant Stainless Steel and Aluminum
- 4 sensors turn off **Sanidyne®** unit when someone enters room during disinfection
- Portable sanitizer is easily transported from one area to another with attached handle
- High efficiency **Surelite™** Electronic Ballasts operate fixture
- Built-in 1-minute, 30-second delay allows operator time to safely leave the area
- Rooms as large as 1,000 square feet can be treated in less than 1 hour
- 24-Hour Timer allows treatment time to be customized to room size
- Continuous disinfection without special attention
- **The Best Warranty in the Industry & Made in the USA!**

 Visit Atlantic Ultraviolet Corporation's YouTube channel to view **Sanidyne® Unit Demo and Lamp Installation** videos.

Visit the **Sanidyne®** product page on AtlanticUltraviolet.com for brochure, manuals, and additional safety equipment.

WARNING: Germicidal ultraviolet rays are harmful to the eyes and skin. Avoid exposure to direct or reflected germicidal ultraviolet rays.

Ultraviolet Dosage

Germicidal UV lamps provide effective protection against microorganisms. A small cross-section is shown below. See a longer list at Ultraviolet.com/microorganisms-deactivated

PRIME REMOTE
Sanidyne®

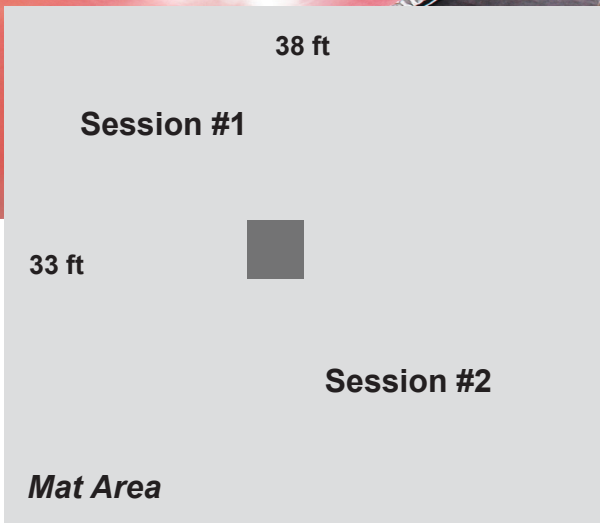
GERMICIDAL ULTRAVIOLET PORTABLE AREA SANITIZER



8-Lamp Model 40-0634B

ORGANISM	ALTERNATE NAME	TYPE	DISEASE	DOSE*
<i>Corynebacterium diphtheriae</i>	<i>C. diphtheriae</i>	Bacteria	Diphtheria	6.50
<i>Legionella pneumophila</i>	<i>L. pneumophila</i>	Bacteria	Legionnaire's Disease	12.30
<i>Mycobacterium tuberculosis</i>	<i>M. tuberculosis</i>	Bacteria	Tuberculosis (TB)	10.00
<i>Pseudomonas aeruginosa</i>	<i>P. aeruginosa</i>	Bacteria		3.90
<i>Serratia Marcescens</i>	<i>S. marcescens</i>	Bacteria		6.16
<i>Staphylococcus aureus</i>	<i>S. aureus</i>	Bacteria		6.60
<i>Staphylococcus epidermidis</i>	<i>S. epidermidis</i>	Bacteria		5.80
<i>Methicillin-resistant Staphylococcus aureus</i>	<i>MRSA</i>	Bacteria		6.50
<i>Clostridium difficile</i>	<i>C. diff</i>	Spore		16.00
<i>Adeno Virus Type III</i>		Virus		4.50
<i>Coxsackie A2</i>		Virus		6.30
<i>Influenza</i>		Virus	Flu	6.60
<i>SARS-CoV-2</i>		Virus	COVID-19	5.00

* Nominal Ultraviolet dosage (mJ/cm²) necessary to inactivate better than 99% of specific microorganism. Consult factory for more complete listing.



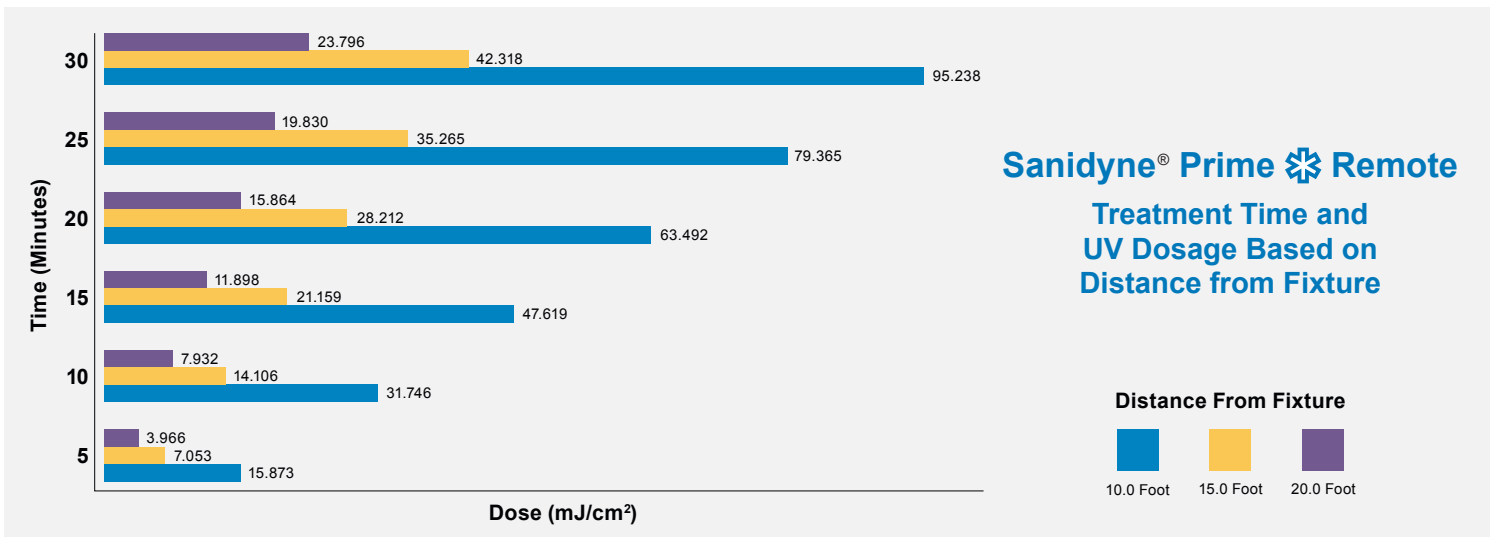
Recommended Disinfection Instructions

Read User's Guide, Owner's Manual, and watch **Sanidyne®** Unit Demo Video on our YouTube Channel. Take all necessary safety precautions.

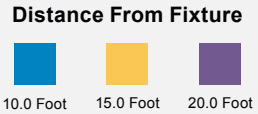
Sanidyne® Prime Remote Germicidal Ultraviolet Portable Area Sanitizers must be utilized during periods when the area is **UNOCCUPIED**. Entrances to area must be restricted and Danger Signs must be posted.

Tiger Schulmann's of Smithtown mat area is 1,330 sq. ft. It is about 38 ft by 33 ft. There is a support column just off center. Two (2) disinfection sessions will be needed to get both sides of column and all of the mat.

Place **Sanidyne®** raised off the floor about 10", on a small bench or stool just larger than unit's base. **Set Session #1 for 25 minutes and Session #2 for an additional 25 minutes.**



Sanidyne® Prime Remote Treatment Time and UV Dosage Based on Distance from Fixture



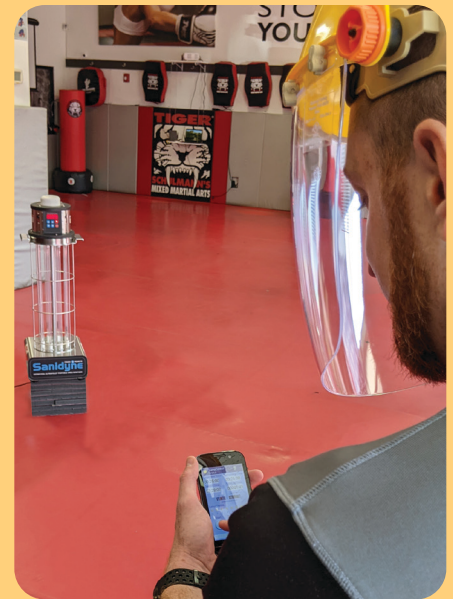
Note: Dose shown above is for 8-Lamp Model 40-0634B. Expressed as mJ/cm² (millijoule per square centimeter). **WARNING: Germicidal ultraviolet rays are harmful to the eyes and skin. Avoid exposure to direct or reflected germicidal ultraviolet rays.**



Portable sanitizer is easily transported from one area to another with attached handles.



Sensei James Leonelli uses the keypad to enter exposure time.



Sensei James Leonelli uses the remote to enter exposure time.

Sanidyne
PRIME REMOTE

8-Lamp Model

120v Model 40-0634B (8 UV-C Lamps)
with phone-size remote

Available for operation on public power supplied throughout the world. Consult factory with specific power requirements.

IN-STOCK and READY TO SHIP

Sanidyne
PRIME REMOTE

4-Lamp Model

120v Model 40-0775* (4 UV-C Lamps)
with phone-size remote

**Model 40-0775 requires longer exposure time to achieve results.*

IN PRODUCTION – CALL FOR SHIP DATE

Included with Both Sanidyne Models

Specify item number if ordering replacement.



- 1-Face Shield (00-0126)
- 1-Manual (98-1709)
- 4 or 8-Lamps (05-0892)
- 2-Danger Signs (98-1827)
- 1-120v Power Cord (35-1754)
- 1-UV-C Dosimeter Card (00-0373)
- 1-Remote & Charger (35-1838)



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CONTACT A UV APPLICATION SPECIALIST FOR MORE INFORMATION:

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