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IND-SU-WM-YMC-R1-120V-15C

UV Yoga Mat Sanitizer - 120V - (2) 24" UVC Shatterproof Lamps - 15' 16/3 SOOW Cord - Aluminum

Product ID: 272530

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

This unit is Made In USA - Manufactured in Texas

IND-SU-WM-YMC-R1-120V-15C UV Mat Cleaner

Lamp Technology: UV-C Fluorescent

Lamp Qty: (2) 24"

Mat Width Capacity: Accepts 24"-W and 26"-W Standard Yoga Mats

Weight: -
Voltage: 120V AC
Phase: 1-Phase

Total Watts: 40W

Single-lamp Watts: 20W

Total UV Output: 18.2W

Single-lamp UV Output: 9.1W

UV Irradiance per Lamp: 75 µW/cm² @ 1 Meter

Total UV Irradiance: 150 µW/cm² @ 1 Meter

Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: UV T8 Fluorescent, Shatterproof
Lamp Base: G13 (Medium Bi-pin)
Replacement Lamp: FRL-24-1X-T8-20W-UV-C-SPF
Beam Angle: 180°
Light Configuration: Flood

Ratings/Features

Shatterproof UV Lamps

Short-wave Germicidal Light

Kills 99% of Viruses and Other Germs

Made in USA - Manufactured in Texas
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

UV Light Protection: Brushes
Entrance Feed Type: Manual w/ Tension Rollers
Controls: On/Off Switch
Lamp Change Notification: (2) Indicator Lights - One per Lamp
Custom Logo: -
Amps: 0.33A @ 120V
Ambient Operating Temp Range: -
Materials: Aluminum
Finish (Color Options): Powder Coating - Blue, Grey, Black or White
Mounting: -
Wiring: 15' 16/3 SOOW Cord w/ Cord Cap
Cord Cap Options: 5-15 Straight, L5-15 Twist or Pigtail

PLEASE NOTE: UV-C light can cause temporary or permanent loss of vision, and temporary acute redness or ulceration (mild to severe sunburn) to exposed skin. To prevent exposure, do not operate the device in any application that allows UV-C light to be visible during operation. NEVER LOOK DIRECTLY AT THE BULB OR DISINFECTING TARGET ZONE. DO NOT touch bulb with bare hands. The oils in your skin will damage the lamp. Fingerprints will result in reduced performance and significantly reduce the lifespan of the lamp unless they are removed with alcohol. Please read instruction manual for UV safety requirements before operating.

Special Orders - Special Requirements
Contact us for special requirements

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This unit is Made In USA - Manufactured in Texas

The Larson Electronics IND-SU-WM-YMC-R1-120V-15C UV Yoga Mat Sanitizer disinfects standard sports mats without liquid cleaning solutions. Equipped with two UV lamps, the unit offers UV-C output at a range of 200nm - 280nm (254nm). This system sanitizes mats up to 24" and 26" wide. Protected by an aluminum housing, the UV disinfecting device operates on single-phase 120V and comes with a 15` cord terminated in a 120V cord cap.

Please note: This product produces UV light. Make sure to follow all safety guidelines and protocols found in the user manual. UVC light in the proper setting kills up to 99.9% of viruses, mold, spores, and bacteria. Click here to learn more about UVC and the corona virus*

The IND-SU-WM-YMC-R1-120V-15C is a powerful sanitation solution for handling large amounts of standard yoga and sports mats measuring 24" and 26" wide. Equipped with two UVC fluorescent lamps, this system offers UV output within the 200nm - 280nm UV-C range (254 nm). These lamps DO NOT produce ozone. The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern with 180 degrees of coverage. Inside the UV cleaner, one lamp is located at the top and one UV lamp can be found at the bottom. This lamp configuration ensures both sides of the mat are cleaned simultaneously.

A durable PEF coating makes the lamps shatter resistant and provides protection from impacts. Should the bulb break during an emergency, the internal contents and glass will remain trapped inside the unit. This coating adds an extra layer of safety for workers and customers alike. Operators may access an on/off switch on the unit for activation. Two indicator lights (one per UV lamp) notify individuals about the real-time status of the lamps. When the indicator lights are not on, a lamp change is required.

Brushes protect nearby individuals from UV exposure. This component is also designed to reduce stray UV light during treatment. Tension rollers at the entrance guide yoga mats along the system. The manual unit is protected by an aluminum housing with a powder coated finish (color options include: blue, grey, black or white). We can add a custom company logo on the UV sanitation box at an additional cost.

Operation: Start the UV sanitation system by pressing the on/off button for the lamps. Next, load "dirty" yoga mats into the unit (the UV oven accepts standard mats up to 24" and 26" wide) by first lining up the mat at the entrance and pushing down until the mat reaches the bottom side. The "dirty" mats are manually pulled and guided through the sanitation chamber with tension rollers. Sanitized mats exit the system through an opening after UV treatment. Individuals

can use disinfected mats immediately after sanitation.
Voltage: The IND-SU-WM-YMC-R1-120V-15C operates on single-phase 120V AC.

Click Photos to Enlarge



5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



Flying Leads / Pigtail Wires

Wiring/Plug: This unit is equipped with 15 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground or NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.
Mount: This UV sanitation system is a stand alone unit that can be deployed on flat surfaces.
Note on Environment: Sunlight and visible light fixtures do not impact the effectiveness of the disinfecting on this UVC sanitation product. Metal halide, high pressure sodium, fluorescent, and LED light fixtures can be left on. The UV radiation emitted from this product is not disrupted by any type of lighting in the environment. Put simply, NO it DOES NOT need to be dark in the area you plan to disinfect. The UV radiation is harmful to the eyes and skin, and that is why you should not be in the area while it is in operation. Please see user manual for additional safety information.
Suggested Applications: Sanitation, disinfection, yoga mats, general mats, sports facilities, gyms, health centers, schools, stadiums, products, equipment, and more; kills 99% of viruses, bacteria, mold, and spores.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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BULB #1
BULB #2
ON
OFF

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Product ID: 272530

Export Control Classification Number (ECCN): EAR99

Options:

IND-SU-WM-YMC-R1-120V-15C-Cord Cap-Powder Coating Color

Example: IND-SU-WM-YMC-R1-120V-15C-5.15-BLU

Cord Cap	
5-15 STRAIGHT	-5.15
L5-15 TWIST	-L5.15
PIGTAIL	-Pigtail

Powder Coating Color	
BLUE	-BLU
GREY	-GRY
BLACK	-BLK
WHITE	-WHT

Links (Click on the below items to view):

- **Eye Safety Information/Certificate**
- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**