Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-SDE-SS-R1-UVC-AH-XF-120V-25C

UV Air Disinfection Barrier System - 120V - (3) UVC Fixtures - Stainless Steel Divider Stand

Product ID: 267986

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-SDE-SS-R1-UVC-AH-XF-120V-25C UV Air Disinfection

Lamp Technology: UV-C Fluorescent

UV Fixture Qty: (3)

Dimensions: -

Weight: -

Voltage: 120V AC, 50/60 Hz

Total Watts: 80W

Single-lamp Watts: 20W

Total UV Output: 30.1W

Directional UV Output (UV Air Unit): 7.5W from Left Side; 7.5W from Right Side

Single-lamp UV Intensity (UV Barrier Units): 75 µW/cm²

Expected Lifespan: 8,000+ Hours
UV Wavelength: 254nm
Lamp Base: Medium Bi-Pin
Replacement Lamp: -
Beam Angle: 180º
Light Configuration: Flood
Amps: -

Ambient Operating Temp Range: -

Materials: Stainless Steel

Front Panel (UV Air Unit): Louvers

Ratings/Features

T10 Bulb Shape

Short-wave Germicidal Light

Destroys Airborne Bacteria and Viruses

Special Orders - Special Requirements

Adjustable Beam (UV Barrier Units): Yes

UV Sanitation Coverage: Upper Air and Sideways Air

Mounting: 6.5' x 24" Stainless Steel Divider Stand w/ Removable Legs

Wiring: 25' Cord w/ Cord Cap

Cord Cap: 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.

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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The Larson Electronics IND-SDE-SS-R1-UVC-AH-XF-120V-25C UV Air Disinfection Barrier System works to disinfect the upper room air and general airspaces of busy sites via germicidal ultraviolet (UV) rays. Equipped with three UV-C fixtures, this system helps to reduce the risk of cross infection and minimizes the exposure of occupants to infectious airborne microbes. All fixtures are mounted on a 6.5` tall by 24" wide stainless steel divider. The unit comes with a 25` cord.

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-SDE-SS-R1-UVC-AH-XF-120V-25C is a segregated sanitation solution for industrial sites and commercial facilities. Equipped with three UV-C lights, an indirect UV air disinfection fixture projects ultraviolet rays across the top of the room it is deployed in. The upper air in the room that passes through the UV rays via convection currents or forced air circulation is then sanitized. Bacteria and viruses present in the air that passes through the UV rays produced by the fixture are destroyed. The air in the room is constantly being purified as it flows through the UV rays being produced by the fixture. The IND-SDE-SS-R1-UVC-AH-XF-120V-25C is capable of disinfecting the air within an area nine feet wide and 16.25 feet long from the front of the unit.

Next, two high output UV barrier germicidal fixtures project ultraviolet rays onto the surface of the stainless steel divider. Bacteria and viruses present in the air that passes through the UV rays produced by the fixture are destroyed. Louvers control the beam width and depth which allows it to be adjusted to create a balanced germicidal barrier from the fixture to the surface and floor.

UV Air Disinfection Fixture: The UV air disinfection fixture is mounted at the top of the stainless steel divider for disinfecting the upper air in the area of deployment. Equipped with a pair UVC fluorescent lamps, this light offers 7.5 watts of UV output at a wavelength of 254nm from each side of the unit. The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern.

UV Barrier Fixtures: Two UV barrier fixtures are arranged on the stainless steel divider in a downward position for sanitizing the surface and airspace. Equipped with a 20 watt UVC fluorescent lamp, each light offers 7.55 total watts of UV output at a wavelength of 254nm. The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern. The lights can be left on continuously. The barrier germicidal fixtures provide 170 microwatts per square centimeter at three feet below the fixture and 30 microwatts per square centimeter at floor level from a height of seven feet.

Construction: The IND-SDE-SS-R1-UVC-AH-XF-120V-25C is built from stainless steel. A series of front mounted louvers protects people from harmful UV light as well as maximizing the amount of UV rays that are projected across the upper air of the room. Parabolic reflectors with specular aluminum inserts directs as much light from the bulb out of the UV air sanitation unit as possible.

Click Photos to Enlarge

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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 25 feet of 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.
Stainless Steel Divider: The UV disinfection fixtures are mounted on a stainless steel divider, which measures 6.5` tall by 24" wide. The top, 3` portion of the divider is covered, with the bottom open for seamless access. The base contains removable legs for compact storage or shipping. The legs can be equipped with mounting lugs for anchoring to concrete. This system can be deployed to sanitize the upper air above that is not trapped by the divider.
Compared to polycarbonate alternatives, this metallic divider is long lasting and non-porous which deters accumulation of bacteria, mold, stains and debris.
Custom sizes and mounting features, as well as bolt-on solutions are available at an additional cost. We can also include lights with the divider for illuminating the segregated or surrounding area.
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.
Applications: This UV system can be used to continuously disinfect air of mold, allergens, airborne bacteria, viruses, and germs. The IND-SDE-SS-R1-UVC-AH-XF-120V-25C is ideal for use in restaurants, hospitals, clinics, laboratories, nursing homes, schools, food processing facilities, office buildings, conference rooms, universities, clean rooms, and many more.
Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

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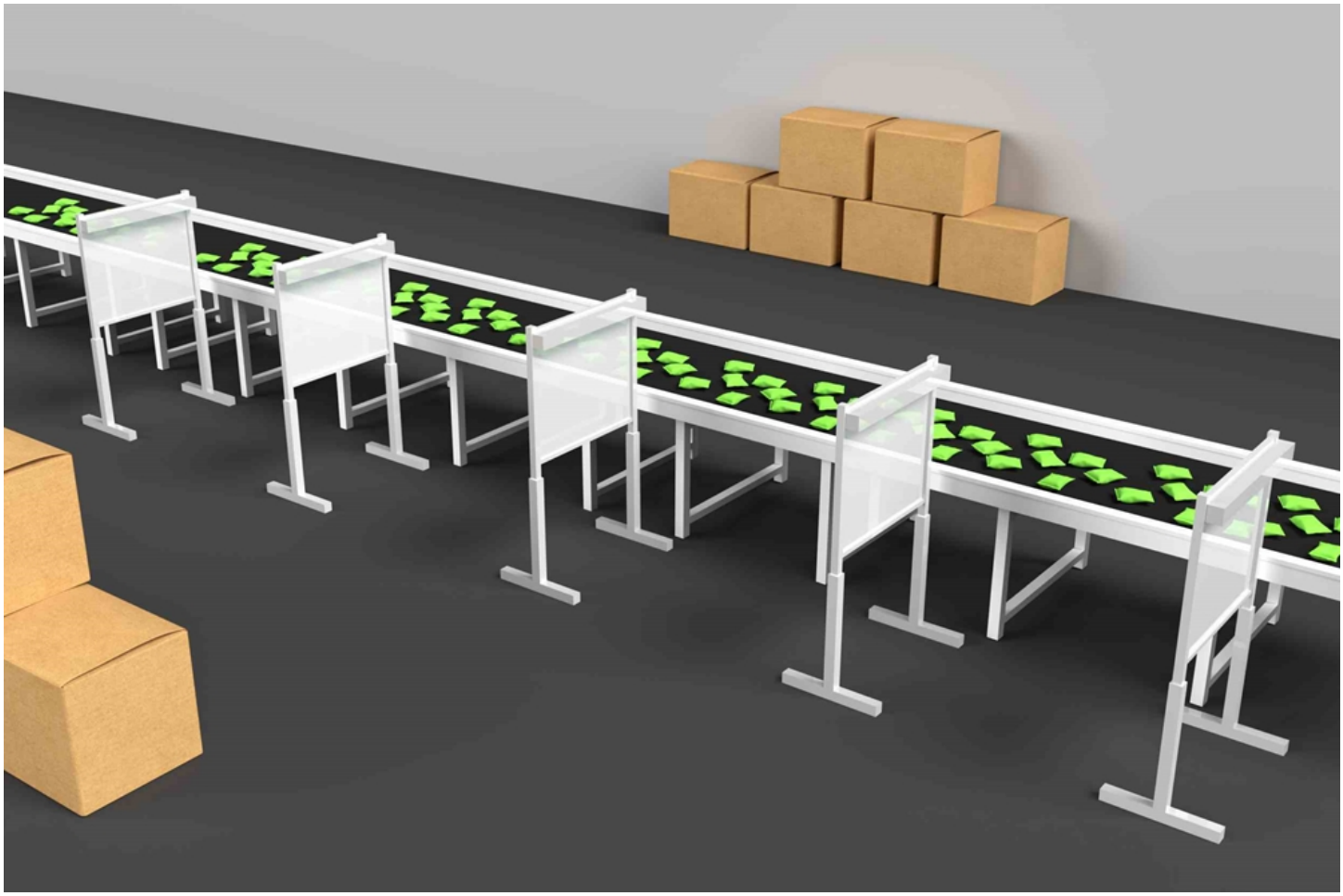
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Product ID: 267986

Export Control Classification Number (ECCN): EAR99

Options:

IND-SDE-SS-R1-UVC-AH-XF-120V-25C-Cord Cap

Example: IND-SDE-SS-R1-UVC-AH-XF-120V-25C-5.15

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

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **Certificate 1, Misc**
- **Eye Safety Information/Certificate**
- **Lighting Facts & Information**
- **MSDS (Material Safety Data Sheet**
- **Spectrum Curve (Wavelength Graph)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**