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IND-CBE-UVC-36-18X6-R5-GB-240V-25C

UV Disinfection Conveyor Oven for Plants and Herbs - 240V, 60Hz - (8) 18" UVC Lamps, UV Shield, Fine Belt - Single Speed/25' Cord

Product ID: 276549

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.

IND-CBE-UVC-36-18X6-R5-GB-240V-25C UV Sanitation Conveyor System

Lamp Technology: UV-C Fluorescent
Lamp Qty: (8) 18"
Overall Dimensions: 68.263"-L x 23.00"-W x 24.00"-H
Conveyor Length: 34"-L
Maximum Package Dimensions: 6" x 18"
Weight: -
Voltage: 240V AC, 60 Hz
Phase: 1-phase
Total Watts: 350W
Single-lamp Watts: 15W
Total UV Output: 42.4W
Single-lamp UV Output: 5.3W
Total UV Irradiance: 352 µW/cm² @ 1 Meter
Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
Lamp Type: T8
Lamp Base: G13 (Medium Bi-pin)
Replacement Lamp: FRL-18-1X-T8-15W-UV-C
Beam Angle: 360º
Light Configuration: Flood

Ratings/Features

UV Oven
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

Sanitation Duration: 60 Seconds
Conveyor Belt Speed: Single
Conveyor Belt Type: Fine

Activation: On/Off Switch for Lamps and Motor

Safety: Adjustable UV Shields

Amps: 1.67A @ 220V

Ambient Operating Temp Range: -

Materials: 304 Stainless Steel

Lens Material: -

Mounting: Rubber Feet

Wiring: 25' Cord w/ Cord Cap

Cord Cap: 6-15 Straight, L6-15 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-CBE-UVC-36-18X6-R5-GB-240V-25C UV Disinfection Conveyor Oven for Plants and Herbs sanitizes small plants or organic materials in batches. Equipped with eight UV lamps, the unit offers UV-C output at a range of 200nm - 280nm (254nm). This system is equipped with a fine belt to prevent small plant materials from falling into the unit. Protected by a 304 stainless steel housing, the UV oven operates on single-phase 240V and 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 coronavirus*

The IND-CBE-UVC-36-18X6-R5-GB-240V-25C is a powerful sanitation solution for disinfecting plants, herbs and other organic materials without contact or liquid cleaners. Equipped with eight UVC fluorescent lamps, this system offers UV output within the 200nm - 280nm UV-C range (254 nm). The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern with 360 degrees of coverage. Inside the UV oven, the lamps take on the following configuration: (4) 18" UV bulbs on the top and (4) 18" UV bulbs on the bottom. Models with side lamps are available (at an additional cost) for cleaning large packages. A fine belt prevents plant materials from falling into the system.

Adjustable UV shields located at both ends are available for UV protection. The components are designed to reduce stray UV light during treatment. We offer bolt-on plastic strip door curtains for variable height processing at an additional cost. The single-speed system is protected by a 304 stainless steel housing.

Operation: Start the UV sanitation system by pressing the on/off button for the lamps and motors. Next, load small plants or herbs into the entrance of the unit. The "dirty" plants are cleaned by the UV lamps, which take 60 seconds to complete. Sanitized plants and herbs exit through an opening after UV treatment. We can also integrate this UV disinfection unit with existing processing equipment at an additional cost.

Voltage: The IND-CBE-UVC-36-18X6-R5-GB-240V-25C operates on single-phase 240V AC, 60 Hz. We offer this unit in other voltages at an additional cost. Single-phase voltage options include: 120V, 208V, 277V or 347V. For three-phase voltages, we offer 208V, 220V, 240V, 480V or 600V.

Click Photos to Enlarge



L6-15 Twist Lock Plug
15 Amp / 250V Rated



Flying Leads / Pigtail Wires

Wiring/Plug: This UV disinfection 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 6-15 15 amp straight blade plug for 220-240 V wall outlets with ground or NEMA L6-15 15 amp twist lock plug for 240 V 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 in work sites. Rubber feet at the bottom ensures stability and prevents scratching surfaces during use.
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, plant operations, disinfection, warehouses 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)






DANGER

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Product ID: 276549

Export Control Classification Number (ECCN): EAR99

Options:

IND-CBE-UVC-36-18X6-R5-GB-240V-25C-Cord Cap

Example: IND-CBE-UVC-36-18X6-R5-GB-240V-25C-6-15 Straight

Cord Cap	
6-15 STRAIGHT	-6-15 Straight
L6-15 TWIST	-L6-15 Twist
PIGTAIL	-Pigtail

Links (Click on the below items to view):

- **Certificate 4, Misc**
- **Dimensional Drawing 2D**
- **Eye Safety Information/Certificate**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**