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-HVAC-CDW-R3-SS-18-4L-24.24-XB

High Output UV Air Duct Disinfection 4-Lamp Fixture - UV-C - Destroys Airborne Bacteria & Viruses - 24" x 24" Air Duct Mount

Product ID: 268673

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-HVAC-CDW-R3-SS-18-4L-24.24-XB High Output UV Air Duct Disinfection System	Ratings/Features
Lamp Technology: UV-C Fluorescent	NRTL Listed to UL 508A
Lamp Quantity: (4) 18"	NRTL Listed to CSA C22.2 No. 14
Ballast Box Dimensions: 30.00"W x 30.00"H	T8 Bulb Shape
Lamp Frame Assembly Dimensions: -	Short-wave Germicidal Light
Compatible Duct Size: 24" x 24"	Destroys Airborne Bacteria and Viruses
Weight: -	EPA Reg. No 98409-1
Voltage: 120V AC, 50/60 Hz or 240V AC, 50/60 Hz	EPA Est. No. 98409-TX-1
Total Watts: 60W	
Single-lamp Watts: 15W	
Total UV Output: 21.2W	
Single-lamp UV Output: 5.3W	
UV Irradiance: 176 µW/cm² @ 1 Meter	
Expected Lifespan: 8,000+ Hours	
UV Wavelength: 254nm	
Lamp Type: T8	
Lamp Base: G13 (Medium Bi-pin)	
Replacement Lamp: -	
Beam Angle: 180º	
Light Configuration: Flood	**Special Orders - Special Requirements**

Amps: -

Ambient Operating Temp Range: -

Materials: 304 Stainless Steel

External Ballast Box: Yes

Mounting: Inside 24" x 24" Air Duct

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 IND-HVAC-CDW-R3-SS-18-4L-24.24-XB from Larson Electronics is a High Output Air Duct Disinfection System that works to disinfect air moving through a 24" x 24" duct system via germicidal ultraviolet (UV) rays. This unit helps to control the spread of airborne cold and flu virus as well as other airborne transmitted diseases. The anodized aluminum air duct disinfection system features four UV bulbs that each produce 5.3 watts of UV output at a wavelength of 254nm. The IND-HVAC-CDW-R3-SS-18-4L-24.24-XB is designed to be mounted inside an 24" x 24" air duct, is equipped with an external ballast box, and operates on 120V AC or 240V AC current.

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The IND-HVAC-CDW-R3-SS-18-4L-24.24-XB is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with four UVC fluorescent lamps, this system offers 21.2 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 IND-HVAC-CDW-R3-SS-18-4L-24.24-XB can be used continuously in 24" x 24" air ducts such as those found in HVAC systems and is constructed from stainless steel.

Operation: This high output UV air duct disinfection system projects ultraviolet rays inside the air duct it is mounted in. The air flowing through the duct that passes through the UV rays is then sanitized. Bacteria and viruses present in the air that passes through the UV rays produced by the fixture are destroyed. The air moving through the duct is constantly being purified as it flows through the UV rays being produced by the fixture.

Mounting: The IND-HVAC-CDW-R3-SS-18-4L-24.24-XB is designed to be mounted inside an 24" x 24" air duct. The system is equipped with an external ballast box. The lamp frame attaches easily to the inside of the properly sized air duct and the ballast box is mounted outside of the duct.

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

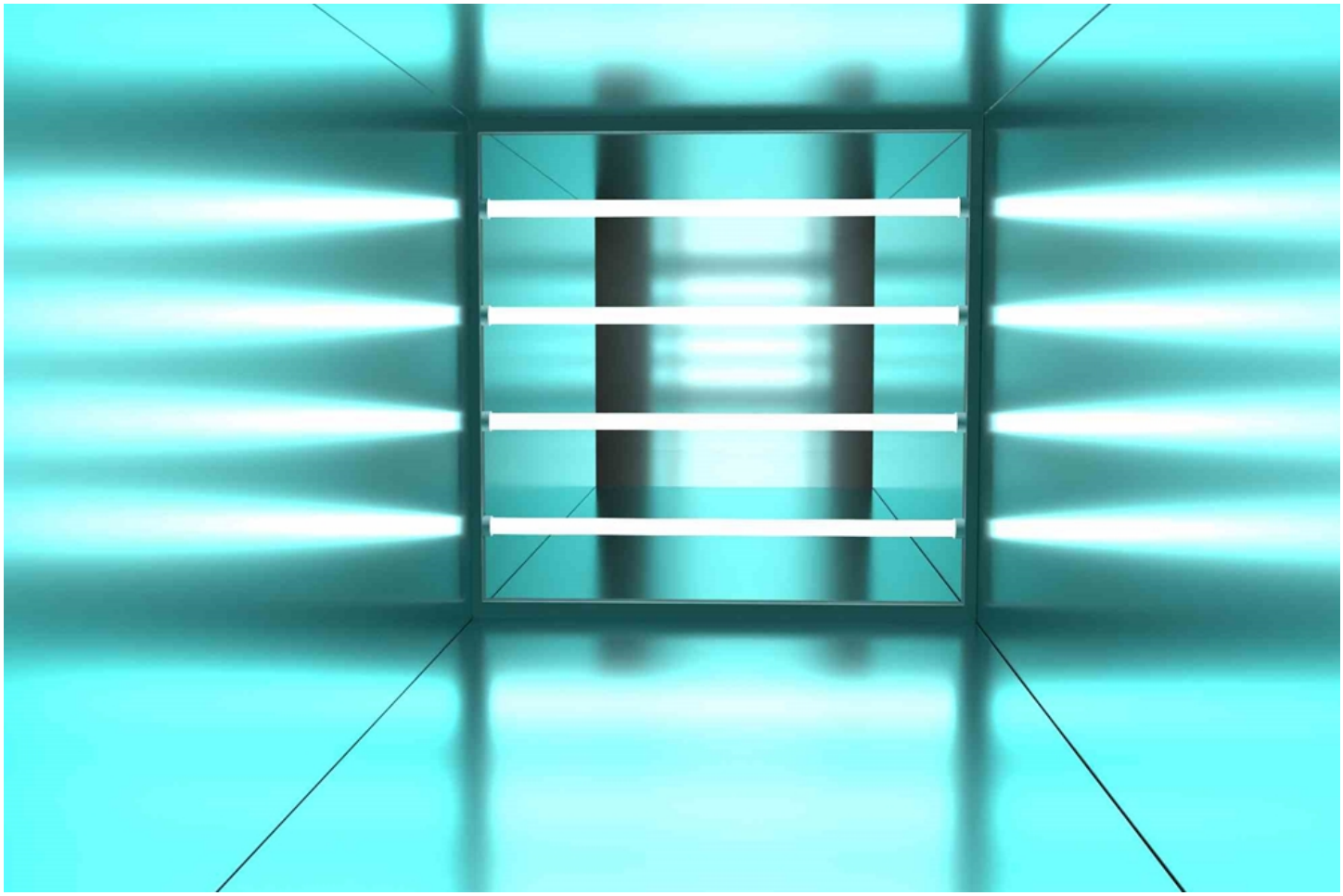
additional safety information.

Applications: This ultraviolet UV air duct disinfection system can be used to continuously disinfect air of mold, allergens, airborne bacteria, viruses, and germs. The IND-HVAC-CDW-R3-SS-18-4L-24.24-XB 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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Product ID: 268673

Export Control Classification Number (ECCN): EAR99

Options:

IND-HVAC-CDW-R3-SS-18-4L-24.24-XB-Voltage

Example: IND-HVAC-CDW-R3-SS-18-4L-24.24-XB-120V

Voltage	
120V AC	-120V
240V AC	-240V

Links (Click on the below items to view):

- **Beam Information (Coverage, Datafile)**
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **Catalog Page - Product Series**
- **Certificate 1, Misc**
- **Certificate 4, Misc**
- **Eye Safety Information/Certificate**
- **Lighting Facts & Information**
- **MSDS (Material Safety Data Sheet**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**