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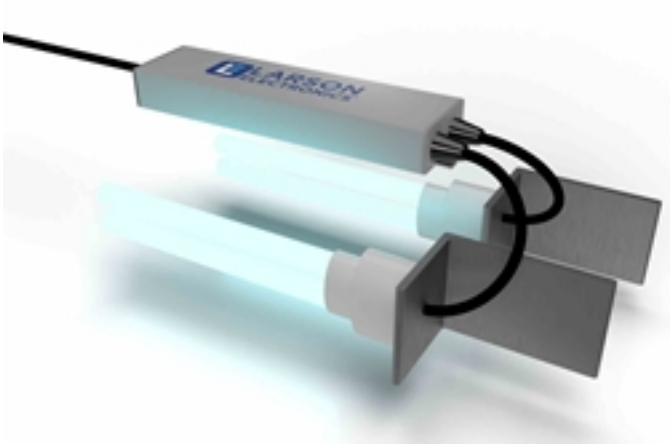
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IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C

UV Low Profile Split Disinfection Fixture - UV-C - Destroys Airborne Bacteria & Viruses - 24V AC - 4.8W UV Output - L-Brackets for Mounting

Product ID: 270403

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-DTS-UVC-R1-SS-9W-2L-24V-5C UV Mini-Split Ductless AC Disinfection System

Lamp Technology: UV-C Fluorescent
Ballast Box Dimensions: 7"-L x 1.5"-H x 2"-W
Lamp Dimensions: 5.71"-L x 1.1"-Diameter
Weight: -
Voltage: 24 V AC, 50/60 Hz
Total Watts: 18W
Total UV Output: 4.8W
Single-lamp UV Output: 2.4W
Effective UV Radiation (at 1 Meter) Per Lamp: 23.0 uW/cm2 @ 1M
Total Effective UV Radiation (at 1 Meter): 46.0 uW/cm2 @ 1M
Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 253.7nm
Lamp Type: Compact Fluorescent
Lamp Base: 2-Pin G23 Base
Replacement Lamp: FRL-6-1X-G23-9W-UVC
Beam Angle: 360°
Light Configuration: Flood
Amps: -
Ambient Operating Temp Range: -
Wiring: 5' 16/3 SOOW Cords Between Lamps & Ballast Box; 5' 16/3 SOOW Cord w/

Ratings/Features

NRTL Listed to UL 508A
NRTL Listed to CSA C22.2 No. 14
Short-wave Germicidal Light
Kills 99% of Viruses and Other Germs
Destroys Airborne Bacteria and Viruses
Made in USA - Manufactured in Texas
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364

Flying Leads From Ballast Box

Mounting: Internal Mini-Split Ductless AC Mounting

E-mail: sales@larsonelectronics.com

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.

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The IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C from Larson Electronics is a Low Profile Mini-Split Ductless AC Disinfection System that works to disinfect air moving through a ductless AC system via germicidal ultraviolet (UV) rays. This unit helps to control the spread of airborne cold and flu viruses, as well as other airborne transmitted disease. The anodized aluminum air duct disinfection system features two compact fluorescent UV bulbs that produce 2.4 watts of UVC output for a total of 4.8 watts at a wavelength of 253.7nm. The IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C is designed to be mounted in small areas such as ductless AC units and operates on 24 V AC current.

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-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with two UVC compact fluorescent lamps, this system offers a total of 4.8 total watts of UV output at a wavelength of 253.7nm. The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern. The compact size of the IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C allows it to be used continuously in mini-split ductless AC units. Each 9-watt lamp has a single-ended power source.

Operation: This UV ductless AC disinfection system projects ultraviolet rays inside the AC unit it is mounted in. The air flowing through the unit 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 AC unit is constantly being purified as it flows through the UV rays being produced by the fixture.

Wiring: The IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C is comprised of a ballast box and two compact fluorescent UVC bulbs. Each bulb is connected to the ballast box by a 5` 16/3 SOOW cord to allow for flexible mounting depending on the particular ductless AC unit it will be mounted in. The ballast is equipped with a 5` 16/3 SOOW cord that is terminated in flying leads and must be hardwired.

Mounting: The IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C is designed to be mounted inside a mini-split ductless air conditioning unit. Each of the UVC bulbs is outfitted with a L-bracket for flat surface mounting inside the AC unit. The accompanying ballast box can also be surface mounted on the interior of the unit.

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 mini=split ductless AC disinfection system can be used to continuously disinfect air of mold, allergens, airborne bacteria, viruses, and germs. The IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C 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)

IND-HVAC-DTS-UVC-R1-SS-9W-2L-24V-5C

Product ID: 270403

Warranty: 6 Months

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Certificate 4, Misc**
- **Eye Safety Information/Certificate**
- **Lighting Facts & Information**
- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**