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

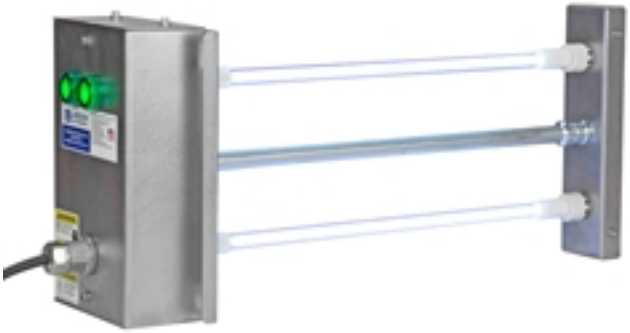
www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

**IND-HVAC-DTW-UVC-R1-SS-24-2L-220V**

# 24" UV Air Duct Disinfection 2-Lamp Fixture - UV-C - Destroys Airborne Bacteria & Viruses - 220V - 18.2W Total UV Output - Air Duct Mount

**Product ID: 268877**

**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-DTW-UVC-R1-SS-24-2L-220V UV Air Duct Disinfection System**

**Lamp Technology:** UV-C Fluorescent
**Exterior Housing Dimensions:** 10.325"H x 8.00"W x 3.063"D
**Lamp Extension (into duct):** 27"
**Weight:** -
**Voltage:** 220V AC, 50/60 Hz
**Wattage:** 20W Per Lamp
**Total Watts:** 40W
**UV Output:** 9.1W per lamp
**Total UV Output:** 18.2W
**Irrdiance (single lamp):** 117 uW/cm2 @ 1 meter
**Expected Lifespan:** 8,000+ Hours
**UV Wavelength:** 254nm peak
**Lamp Base:** G13 (Medium Bi-Pin)
**Replacement Lamp:** FRL-24-1X-T8-20W-UV-C
**Beam Angle:** 360º
**Light Configuration:** Flood
**Amps:** 0.42A @ 220V
**Ambient Operating Temp Range:** -
**Materials:** 304 Stainless Steel Enclosure
**Indicator Lights:** Operational Light (confirms on) and Replace Lamp (lamp no longer functional) indicator lamps

**Ratings/Features**

NRTL Listed to UL 508A
NRTL Listed to CSA C22.2 No. 14
T8 Bulb Shape
Short-wave Germicidal Light
Destroys Airborne Bacteria and Viruses
Non-Ozone Producing Germicidal UV Lamp
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

**Mounting:** Air Duct Mount

**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-DTW-UVC-R1-SS-24-2L-220V from Larson Electronics is an Air Duct Disinfection Syst that works to disinfect air moving through a duct system via germicidal ultraviolet (UV) rays. This u helps to control the spread of airborne cold and flue virus as well as other airborne transmitted dise This anodized aluminum air duct disinfection system features a pair of 20 watt UV bulbs that each p 9.1 watts (18.2W total) of UV output at a wavelength of 254nm. The IND-HVAC-DTW-UVC-R1-SS-24 220V is designed to be mounted inside an air duct and operates on 220 V AC current.**

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The IND-HVAC-DTW-UVC-R1-SS-24-2L-220V is a powerful sanitation solution for industrial sites and commercia facilities. Equipped with a pair of UVC fluorescent lamps, this system offers 18.2 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. Th HVAC-DTW-UVC-R1-SS-24-2L-220V can be used continuously in air ducts such as those found in HVAC systems

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

**Construction:** The enclosure of the IND-HVAC-DTW-UVC-R1-SS-24-2L-220V is built from 304 stainless steel. I Operation and Replace-Lamp indicator lamps allows for operators to check the status of the UV bulb(s) without removing the fixture from the air duct or being exposed to harmful UV radiation.

**Mounting:** The IND-HVAC-DTW-UVC-R1-SS-24-2L-220V is designed to be mounted inside an air duct. The syst mounted in a partial internal mount with the bulb(s) being mounted inside of the air duct and the electronics ar mounted on the outside of the duct.

**Note on Environment**: Sunlight and visible light fixtures do not impact the effectiveness of the disinfecting on UVC sanitation product. Metal halide, high pressure sodium, fluorescent, and LED light fixtures can be left on. T radiation emitted from this product is not disrupted by any type of lighting in the environment. Put simply, NO i NOT need to be dark in the area you plan to disinfect. The UV radiation is harmful to the eyes and skin, and tha 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-DTW-UVC-R1-SS-24-2L-220V 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 cust ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us 800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

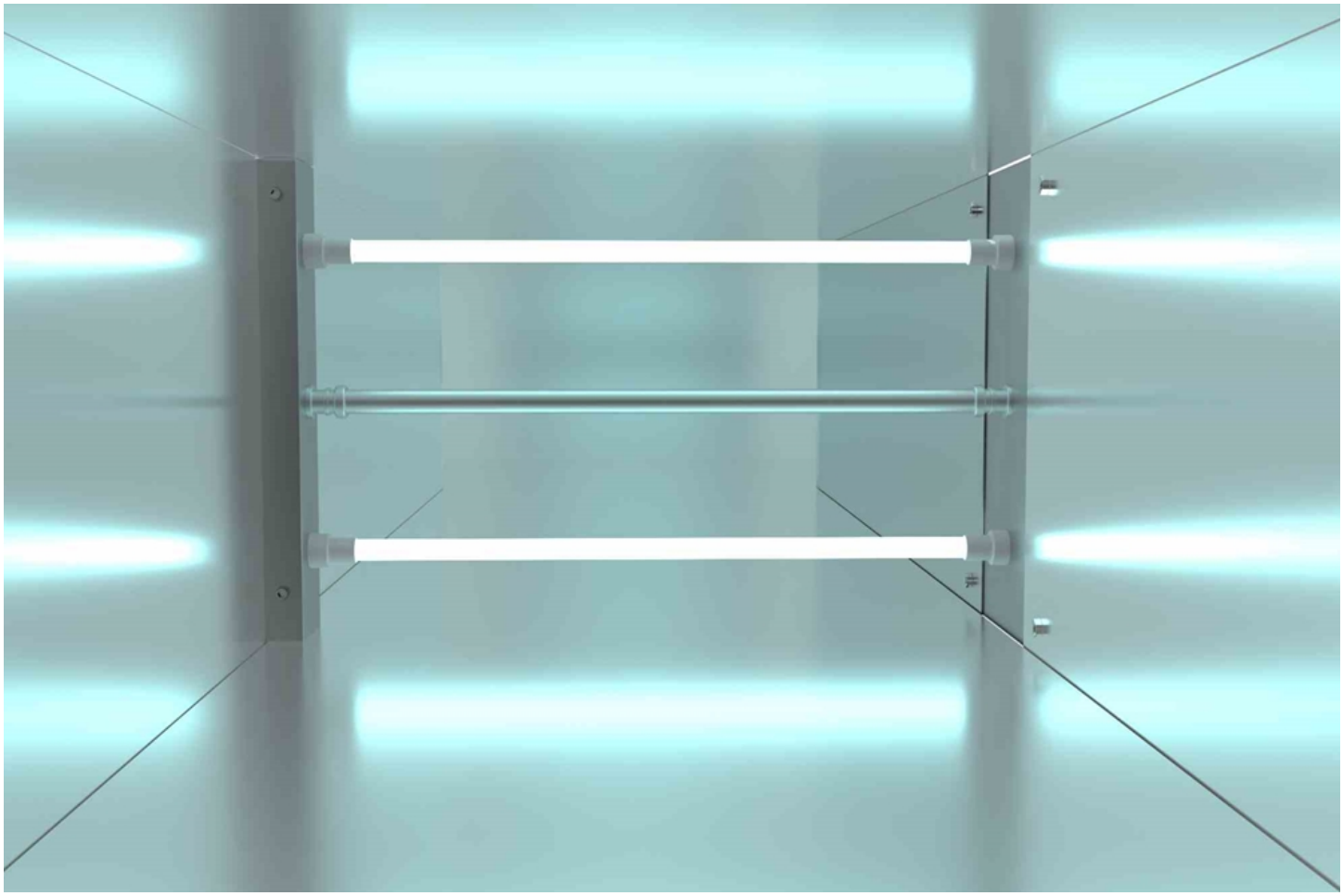
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# Frequently Asked Questions (FAQ)

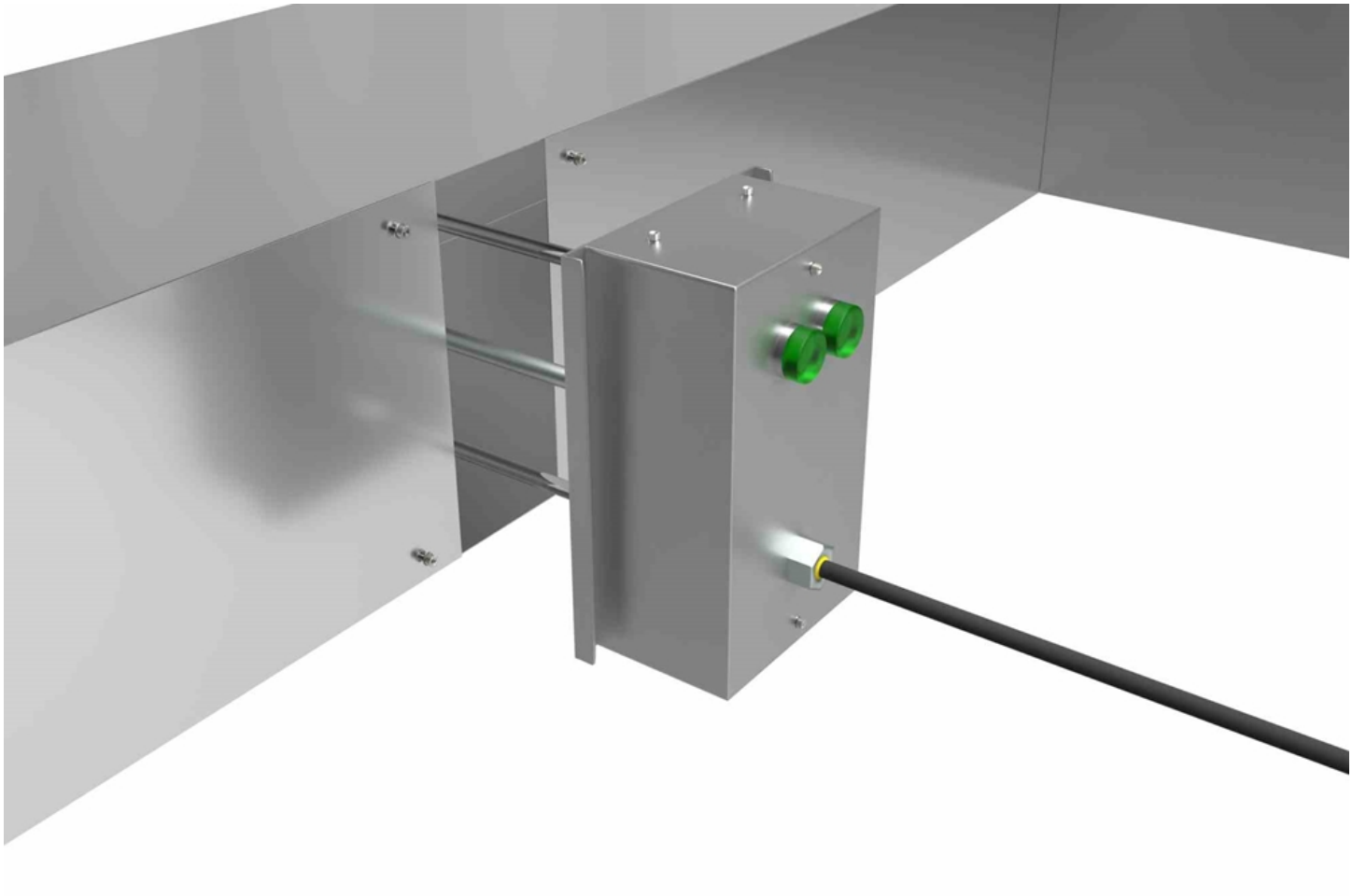
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**Product ID: 268877**

**Warranty:** 6 Months

**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Catalog Page - Product Series
- Certificate 1, Misc
- Certificate 4, Misc
- Dimensional Drawing 2D
- Eye Safety Information/Certificate
- Lighting Facts & Information
- MSDS (Material Safety Data Sheet
- Operations Manual
- Spectrum Curve (Wavelength Graph)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- Video1
- Video2
- Video3
- Video4
- Video5
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map