

**12" UV Air Duct Disinfection 4-Lamp Fixture - UV-C - Destroys Airborne Bacteria & Viruses -  
120V - 14.4W Total UV Output  
IND-HVAC-DTW-UVC-R2-SS-12-4L-120V**



**This unit is Made In USA - Manufactured in Texas**  
**IND-HVAC-DTW-UVC-R2-SS-12-4L-120V High Output UV Air Duct Disinfection System**

**Lamp Technology:** UV-C Fluorescent  
**Exterior Housing Dimensions:** 16-13/16"H x 8-1/8"W x 4-7/16"D  
**Depth (Inside Duct) for Partial Internal Mount:** 15"  
**Weight:** -  
**Voltage:** 120V AC, 50/60 Hz  
**Wattage:** 10W Per Lamp  
**Total Watts:** 40W  
**UV Output:** 3.6W per lamp  
**Total UV Output:** 14.4W  
**Irradiance (single lamp):** 30 uW/cm<sup>2</sup> @ 1 meter  
**Expected Lifespan:** 8,000+ Hours  
**UV Wavelength:** 254nm peak  
**Lamp Base:** G13 (Medium Bi-Pin)  
**Replacement Lamp:** FRL-12-1X-T8-10W-UV-C  
**Beam Angle:** 360°  
**Light Configuration:** Flood  
**Amps:** .42A @ 120V  
**Ambient Operating Temp Range:** -  
**Materials:** 304 Stainless Steel Enclosure  
**Indicator Lights:** Operational Light (confirms on) and Replace Lamp (lamp no longer functional) indicator lamps  
**Mounting:** Partial Internal Duct Mount

\*\*\*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.\*\*\*

**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

**Special Orders - Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-214-616-6180

**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**This unit is Made In USA - Manufactured in Texas**

The IND-HVAC-DTW-UVC-R2-SS-12-4L-120V from Larson Electronics is a High Output Air Duct Disinfection System that works to disinfect air moving through a 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 disease. This anodized aluminum air duct disinfection system features four of 10 watt UV bulbs that each produce 3.6 watts (14.4W

total) of UV output at a wavelength of 254nm. The IND-HVAC-DTW-UVC-R2-SS-12-4L-120V is designed to be mounted inside an air duct and operates on 120V 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-DTW-UVC-R2-SS-12-4L-120V is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with four UVC fluorescent lamps, this system offers 14.4 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-DTW-UVC-R2-SS-12-4L-120V can be used continuously in air ducts such as those found in HVAC systems.

**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.

**Construction:** The enclosure of the IND-HVAC-DTW-UVC-R2-SS-12-4L-120V is built from 304 stainless steel. In-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-R2-SS-12-4L-120V is designed to be mounted inside an air duct. The system is intended to be mounted in a partial internal style with the bulb(s) being mounted inside of the air duct and the electronics mounted on the 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-DTW-UVC-R2-SS-12-4L-120V 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](mailto:sales@larsonelectronics.com) to discuss your specific requirements.

Links (Click on the below items to view):

- [CatalogPage](#)
- [DimensionalDrawing](#)
- [large](#)
- [LightingFacts](#)
- [Manual](#)
- [medium](#)
- [MSDS](#)
- [SpectrumChart](#)
- [HigResPic1](#)
- [Video1](#)
- [Video4](#)
- [CECCert](#)
- [Cert1](#)
- [EyeSafety](#)
- [NECCert](#)