Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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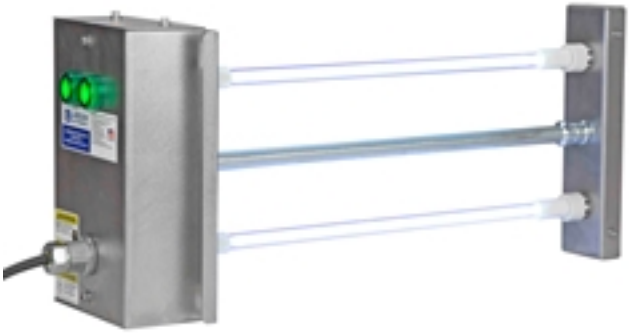
www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C

12" UV Air Duct Disinfection 2-Lamp Fixture - UV-C - Destroys Airborne Bacteria & Viruses - 220V - 7.2W Total UV Output - Air Duct Mount - 10' Cord w/ 220V Cord Cap

Product ID: 271506

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-12-2L-220V-10C UV Air Duct Disinfection System

Lamp Technology: UV-C Fluorescent

Exterior Housing Dimensions: 8.00"H x 5-19/32"W x 2-7/8"D

Lamp Extension (into duct): 13.5"
Weight: -
Voltage: 220V AC, 50/60 Hz
Wattage: 10W Per Lamp

Total Watts: 20W

UV Output: 3.6W per lamp
Total UV Output: 7.2W
Irrdiance (single lamp): 30 uW/cm2 @ 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: 360º
Light Configuration: Flood
Amps: 0.21A @ 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

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

Mounting: Partial Internal Air Duct Mount

Wiring: 10' 16/3 SOOW Cord w/ 220V Cord Cap

Cord Cap: NEMA 6-15, NEMA 6-20, NEMA L6-15, NEMA L6-20, BS1363 (Type G), Schuko (Type F, CEE 7/4), BS546 (Type M), 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.

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The IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C from Larson Electronics is a 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 flue virus as well as other airborne transmitted disease. This anodized aluminum air duct disinfection system features a pair of 10 watt UV bulbs that each produce 3.6 watts (7.2W total) of UV output at a wavelength of 254nm. The IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C is equipped with 10` of 16/3 SOOW cable terminated in a 220 V cord cap and is designed to be mounted inside an air duct. It operates on 220 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 coronavirus*

The IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C is a powerful sanitation solution for industrial sites and commercial facilities. Equipped with a pair of UVC fluorescent lamps, this system offers 7.2 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-DTW-UVC-R1-SS-12-2L-220V-10C 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. 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-R1-SS-12-2L-220V-10C 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.

Click Photos to Enlarge



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



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



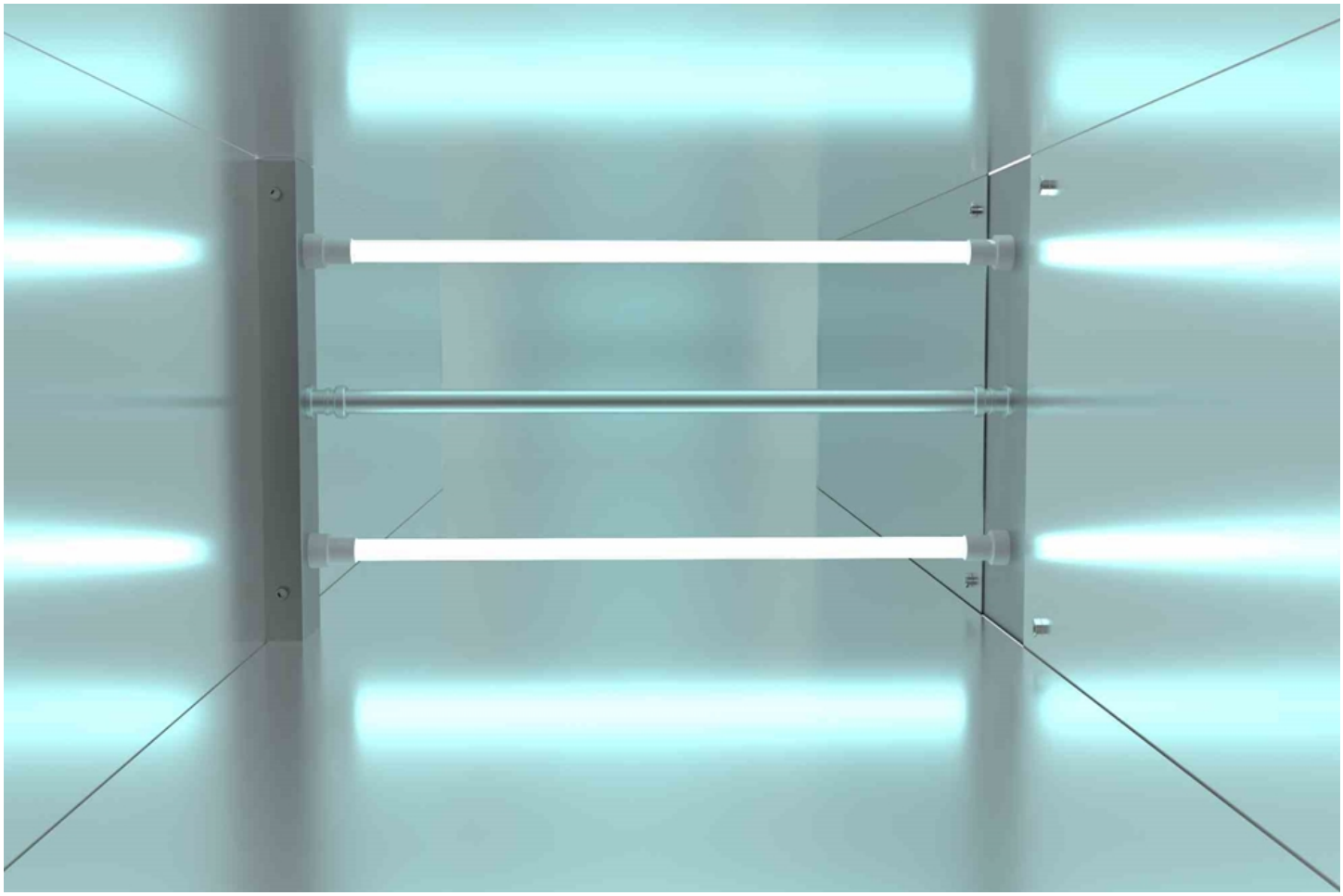
Flying Leads / Pigtail Wires

Wiring/Plug: This unit is equipped with 10 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to outlets. Plug options include standard NEMA 6-15 15 amp straight blade plug, standard NEMA 6-20 20 amp straight blade plug, NEMA L6-15 15 amp twist lock plug, NEMA L6-20 20 amp twist lock plug, British BS1363 (Type G plug) 13 amp fused 3-blade plug for United Kingdom outlets, a two pin 16 amp rated Schuko plug (Type F, CEE 7/4 plug) with ground contact and socket for European outlets up to 250V, or a BS546 (Type M, CEE 3-pin 15 amp rated plug for Indian and South African 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.
Mounting: The IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C is designed to be mounted inside an air duct. The system is 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-R1-SS-12-2L-220V-10C 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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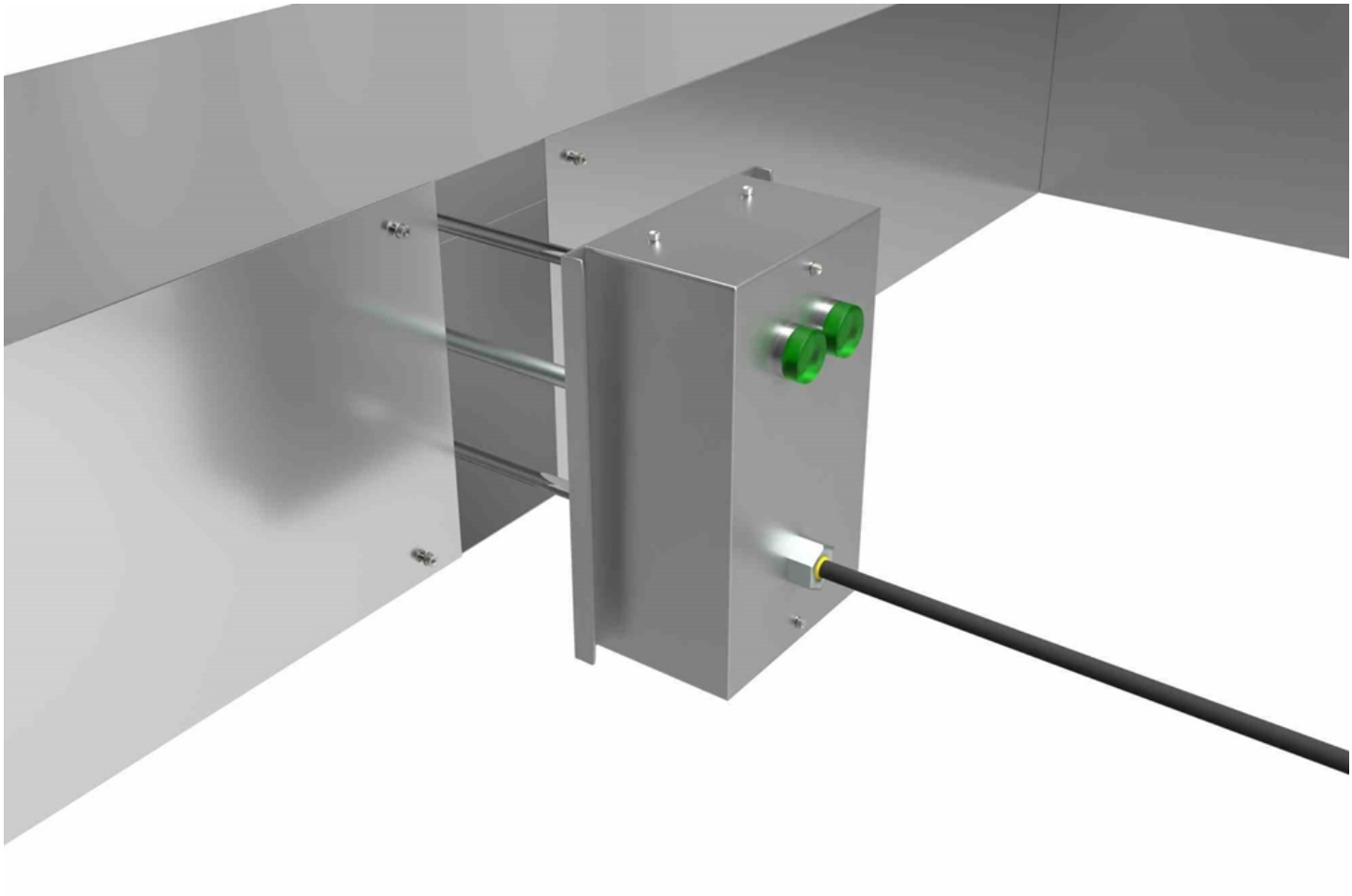
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Frequently Asked Questions (FAQ)



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IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C

Product ID: 271506

Warranty: 6 Months

Export Control Classification Number (ECCN): EAR99

Options:

IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C-Cord Cap

Example: IND-HVAC-DTW-UVC-R1-SS-12-2L-220V-10C-6.15

Cord Cap	
6-15	-6.15
6-20	-6.20
L6-15	-L6.15
L6-20	-L6.20
BS1363	-BS1363
SCHUKO	-Schuko
BS546	-BS546
PIGTAIL	-Pigtail

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)
- STEP File (3D CAD Model)
- 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