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

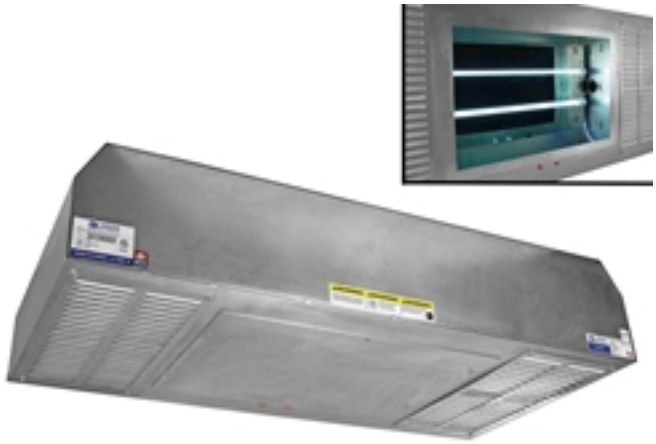
www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-AHC-TRF-2X4-UVC-R1-220V-10C

Industrial UV Air Purifier - 220V, 50Hz - (2) 60W T8 UVC Lamps - 2x4 Troffer Mount - Occupied Areas - 10' Cord w/ 220V Cord Cap

Product ID: 271509

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-AHC-TRF-2X4-UVC-R1-220V-10C UV Air Disinfection for Occupied Areas

Lamp Technology: UV-C Fluorescent
Lamp Quantity: (2) UVC Lamps
Dimensions: 46-5/8"-L x 22-1/8"-W x 9-7/16"-H
Weight: 65 lbs
Voltage: 220V AC<, 50 Hz
Total Watts: 120W
Single-lamp Watts: 60W
Total UV Output: 26.6W
Single-lamp UV Output: 13.3W
Total UV Irradiance: 240 uW/cm2 at 3 feet
Expected Lifespan: 8,000+ Hours
UV Wavelength: 254nm
Lamp Type: T8 2F-HO
Lamp Base: G13
Replacement Lamp: -
Beam Angle: 360º
Light Configuration: Flood
Internal Reflector: Polished
Ballast Type: Electronic
Disconnect: Interlock Safety Switch
Nominal Capacity: 210 cubic ft/minute
Max. Room Size Treated at 3 Room Air Changes/Hour: 4,200 cubic ft
Max. Room Size Treated at 6 Room Air Changes/Hour: 2,100 cubic ft

Ratings/Features

Short-wave Germicidal Light
LED Indicator Lights
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Max. Treatment Capacity: 12,600 cubic ft/hour
Amps: -
Ambient Operating Temp Range: -
Materials: 304 Stainless Steel, Aluminum
Mounting: 2x4 Troffer Mount
Air Flow Exit: Louvered Exhaust Panel
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.

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

E-mail: sales@larsonelectronics.com

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The IND-AHC-TRF-2X4-UVC-R1-220V-10C Industrial UV Air Purifier from Larson Electronics actively disinfects the surrounding air in occupied areas without noise. This unit uses two T8 UVC lamps that provide 26.6 watts of total UV output during UV treatment. Designed for 2x4 troffer mount installations on ceilings, the UV air purifier operates on 220 V AC, 50 Hz and is protected by 304 stainless steel enclosure. The IND-AHC-TRF-2X4-UVC-R1-220V-10C is equipped with 10` of 16/3 SOOW cable terminated in a 220 V cord cap.

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-AHC-TRF-2X4-UVC-R1-220V-10C is a powerful sanitation solution for occupied areas in buildings. Equipped with two T8 UVC fluorescent lamps, this system offers 26.6 watts of total UV output, within the 200nm - 280nm UV-C range (254 nm peak). The lights have an expected lifespan of 8,000+ hours and emit a flood beam pattern inside the unit. The UV chamber has a polished surface to maximize light distribution during UV treatment. Constructed of 304 stainless steel, the UV lights are enclosed inside the unit preventing UV exposure in occupied areas. An interlock safety switch ensures automatic disconnection of power to the system when the access panel is unhinged.

Operation: Surrounding "dirty" air is drawn into the UV purifier via filters. The "dirty" air passes through the UV sanitation chamber where it is treated with UVC light using the two T8 fluorescent lamps. The disinfection process kills up to 99.9% of viruses, bacteria, mold, spores and other harmful microbes. Clean sanitized air exits the chamber through a louvered exhaust panel and is released back into the environment. This low-maintenance air disinfection process is continuous and quiet.

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-AHC-TRF-2X4-UVC-R1-220V-10C is compatible with 2x4 troffer mount installations on ceilings. We offer models with surface mount features for installations on ceilings without tiles or grids.
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: Air sanitation, occupied areas, food processing, pharmaceutical, schools, labs, warehouses, buildings, industrial, manufacturing, office, air disinfection, UV treatment, 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: 271509

Export Control Classification Number (ECCN): EAR99

Options:

IND-AHC-TRF-2X4-UVC-R1-220V-10C-Cord Cap

Example: IND-AHC-TRF-2X4-UVC-R1-220V-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
- Eye Safety Information/Certificate
- Lighting Facts & Information
- Lighting Study (Layout) Example 1
- MSDS (Material Safety Data Sheet
- Operations Manual
- Spectrum Curve (Wavelength Graph)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- Video2
- Video3
- Video4
- Video5
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map