

Industrial UV Air Purifier - 120V - (2) 60W T8 UVC Lamps - 2x4 Troffer Mount - Occupied Areas **IND-AHC-TRF-2X4-UVC-R1-120V**



This unit is Made In USA - Manufactured in Texas
IND-AHC-TRF-2X4-UVC-R1-120V 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: 120V AC

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: 360°

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

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

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

Short-wave Germicidal Light

LED Indicator Lights

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

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The IND-AHC-TRF-2X4-UVC-R1-120V 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 120V AC and is protected by 304 stainless steel enclosure.

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The IND-AHC-TRF-2X4-UVC-R1-120V 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.

Mounting: The IND-AHC-TRF-2X4-UVC-R1-120V 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.

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



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243 Stafford Street, Worcester, MA 01603
Phone: 888.455.2800

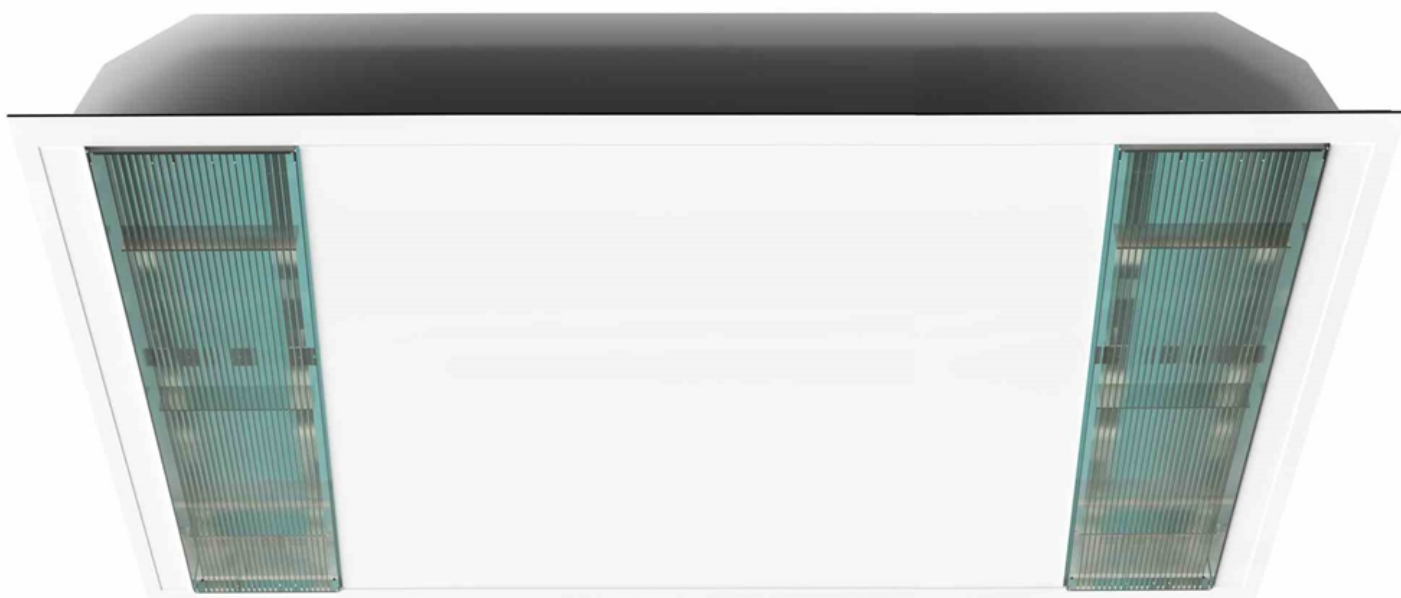


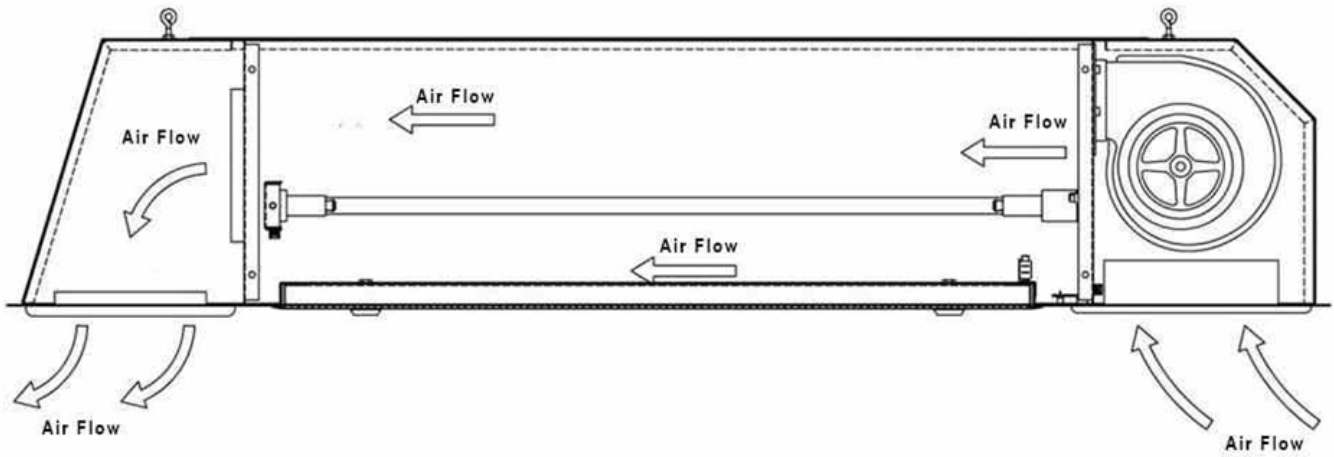
Frequently Asked Questions (FAQ)

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