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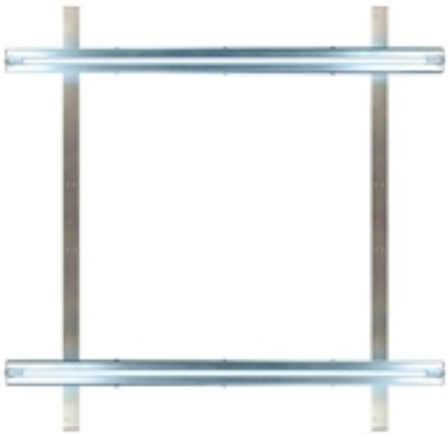
IND-HVAC-ACC-R1-SS-48-2L-54.30-XB

High Output UV AC Coil Disinfection for HVAC - (2) UVC Lamps - (1) Ballast - (2) Mounting Kits - 54" x 30" Coils

Product ID: 268674

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-ACC-R1-SS-48-2L-54.30-XB High Output UV condenser and/or evaporator Coil Sanitation

Lamp Technology: UV-C Fluorescent

Lamp Quantity: (2)

Compatible Coil Size: 54" x 30"

Weight: -

Voltage: 120-277V AC

Total Watts: 240W

Single-lamp Watts: 120W

Total UV Output: -

Expected Lifespan: 8,000+ Hours

UV Wavelength: 254nm

Lamp Base: -

Replacement Lamp: -

Beam Angle: 360º

Light Configuration: Flood

Ballast: (1) 2-lamp Ballast Rated @ 120-277V AC, 50/60Hz

Labels: (2) UV Warning Labels

Amps: -

Ambient Operating Temp Range: -

Materials: 304 Stainless Steel

Ratings/Features

NRTL Listed to UL 508A

NRTL Listed to CSA C22.2 No. 14

Short-wave Germicidal Light

AC condenser and/or evaporator Coil

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

External Ballast Box: NEMA 3R Rated

Mounting: Inside 54" x 30" AC condenser and/or evaporator Coil; (2) Mounting Hardware Kits, (1) Galvanized Steel Mounting Rack w/ (2) Uprights for UV Fixtures

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.

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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The IND-HVAC-ACC-R1-SS-48-2L-54.30-XB from Larson Electronics is a High Output UV AC Coil Disinfection Light that works to prevent bacterial and unwanted growth in AC condenser and/or evaporator coils within HVAC systems installed in large commercial facilities. Constructed of 304-stainless steel, the system features two 120 watt UV bulbs that produce UV output at a wavelength of 254nm. The IND-HVAC-ACC-R1-SS-48-2L-54.30-XB is designed to be mounted inside 54" x 30" AC condenser and/or evaporator coils and comes with one, 2-lamp ballast protected by a NEMA 3R external ballast box.

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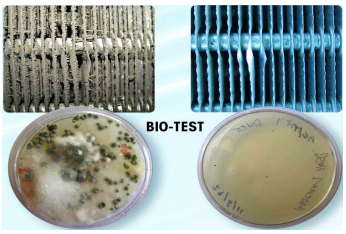
The IND-HVAC-ACC-R1-SS-48-2L-54.30-XB is a powerful sanitation solution for AC condenser and/or evaporator coils inside large industrial sites and commercial facilities. This high output UV coil system projects ultraviolet rays inside the coil it is mounted in. The lights prevent bacteria and other types of build up from accumulating on the coil, resulting in cleaner air, less maintenance and better long-term HVAC performance.

Equipped with two UVC fluorescent lamps, this system offers 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-ACC-R1-SS-48-2L-54.30-XB can be used to continuously clean 54" x 30" AC condenser and/or evaporator coils. Constructed of 304 stainless steel, the system is equipped with a 2-lamp ballast rated at 120-277V AC, 50/60Hz. The ballast is protected by a NEMA 3R ballast mounting box. Two UV warning labels are available for installation outside of the HVAC system.

Before and After UV Treatment on AC condenser and/or evaporator Coils



Operation: The UV lamps must be installed inside the AC condenser and/or evaporator coils of HVAC systems. AC coils are known to be dark and humid, making the areas prone to bacterial growth, mold, mildew and other harmful

microbes. If left untreated, the microorganisms can cause diseases, allergies and odors. The UV lights address these issues by eliminating growth from AC condenser and/or evaporator coils and drain pans. This solution also reduces time spent and costs on HVAC maintenance.

Mounting: The IND-HVAC-ACC-R1-SS-48-2L-54.30-XB is designed to be mounted inside 54" x 30" condenser and/or evaporator coils of HVAC systems. For best results, the lamps should be installed 12" away from the coils (not adhering to this distance may require more UV lamps to cover the area). A galvanized steel mounting rack with two uprights are available for securing the fixtures. Two included hardware kits can be used to add the lights to the mounting rack.

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 UV system for HVAC units 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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Frequently Asked Questions (FAQ)

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Product ID: 268674

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**
- **Eye Safety Information/Certificate**
- **Lighting Facts & Information**
- **MSDS (Material Safety Data Sheet**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **Video1**
- **Video2**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**