
LARSON
ELECTRONICS

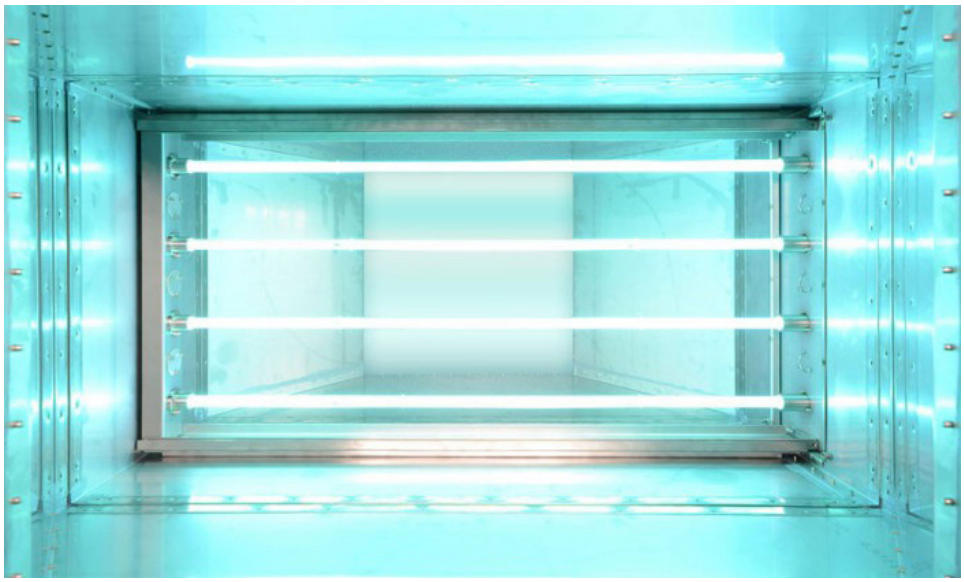
Air disinfection is vital for industrial sites, commercial buildings and occupied areas. Larson Electronics ultraviolet (UV) sanitation lights provide continuous, 24/7 disinfection of air as it passes through HVAC systems, vents, ducts and coils. This series includes UV air sanitizers for occupied areas and temporary sites. Our solution uses powerful UV-C lamps to eliminate up to 99.99% of bacteria, viruses, mold, spores, fungi and other harmful microbes. These low-maintenance units offer stainless steel construction for durability in humid and dark environments. Unlike traditional cleaning methods that use liquids with harsh odors, UV disinfection is easy to implement. There is no downtime associated with this type of UV treatment. Our low-maintenance UV lights have an expected lifespan of 8,000+ hours (translates to roughly one lamp replacement per year). To cater to different HVAC system sizes, we offer UV sanitation lights with multiple lamp configurations and mounting dimensions. We recommend installation to be carried out by professionals for best results.

Larson Electronics UV disinfection lights for ducts clean moving air within the ventilation system. Installed inside ducts, people in the surrounding area are never exposed to the UV rays. This completely reduces exposure-related risks and allows in-duct UV sanitation lights to be deployed in occupied areas, such as offices, lobbies, labs, mass transit stations and large buildings. The lamps reduce the presence of microorganisms responsible for seasonal allergies and sicknesses, including the flu. These UV-C lights also deter buildup in ducts, which decreases maintenance and equipment degradation.

Larson Electronics UV AC coil disinfection lights are units specifically designed to keep AC coils clean. The lights are installed close to the AC coils to reduce buildup of the humid area. UV lights for coils improve long-term performance of HVAC systems, while promoting clean air in the environment or building. Our UV coil sanitation lights come with hardware kits for seamless installation.

For occupied areas, Larson Electronics offers heavy-duty UV air purifiers. These units are typically installed on ceilings to accommodate upper sections of rooms. We offer models compatible with troffer, surface or chain mounting features. Highly visible LED indicator lights notify operators about the status of the UV lamps in real-time and ensures timely replacement at the end of the lamp's lifespan. Our selection of UV air purifiers extends to mobile units that cater to temporary shelters, sites and remote areas. These portable air disinfection systems are equipped with wheels for quick deployment, setup, transportation and storage. The mobile UV purifiers do not require installation and utilizes an internal blower to promote air circulation.

Larson Electronics has more than 40 years of experience in the industrial lighting sector. In addition to the products in this catalog, we offer custom UV light sanitation solutions for customers with specific or unique disinfection requirements at an additional cost. Examples of custom features include the following: UV lamp configurations, weatherproof coating, custom fabrication and special mounting components. Contact us today at 1-800-369-6671 for more information.



In-Duct Series Introduction

The Larson Electronics in-duct UV sanitation series eliminates up to 99.99% of bacteria, viruses, mold and harmful microbes that contribute to seasonal allergies in ducts, ventilation systems and HVAC rooms. These lamps use germicidal UV-C light to kill airborne microorganisms continuously and passively within seconds, as it passes through the HVAC system. We offer these solutions with multiple lamp configurations, sizes and mounting dimensions to ensure a secure fit with standard duct sizes in buildings. The UV lights are installed inside ducts for direct contact with the circulating air. The enclosed environment the lights are installed in ensures people are never exposed to UV rays. Protected by stainless steel enclosures, the in-duct UV lights in this series are low maintenance and designed for long-term disinfection.

This solution is recommended for aerial sanitation in industrial facilities, commercial buildings, offices, schools, HVAC rooms, labs, food processing, manufacturing, pharmaceutical and more.

BENEFITS

- **Kills harmful microbes in the air; improves air quality**
- **Prevents buildup and odors**
- **Continuous, no-contact sanitation**
- **No chemicals and abrasive cleaning liquids**
- **No downtime; low maintenance**
- **Designed for long-term, cost-effective disinfection**



IND-HVAC-DTW Series

The Larson Electronics IND-HVAC-DTW series is an effective sanitation solution for ducts and ventilation systems. These UV-C 254 nm lamps are installed inside ducts, where the lights inactivate up to 99.99% of disease-causing bacteria, viruses, mold and fungi in the air before it is reintroduced back into the building. This series accommodates standard duct and vent sizes. The units are protected by stainless steel enclosures, which are corrosion resistant and long lasting. With a lifespan of 8,000+ hours, individuals are only required to replace the UV lamps on a yearly basis.

OVERVIEW

- **Available in multiple lamp configurations (1 to 4 UV lamps)**
- **Available in various sizes (12” to 51”)**
- **G13 fluorescent lamp base; external ballast box**
- **Indicator lights for real-time status (some models only)**
- **Stainless steel construction**

Common Air Handling Unit Selection Guide

Please use the below chart for recommended part # selection for common size HVAC units

TONNAGE	DUCT SIZE	CFM	PART#	QTY
5 TON	20” X 14”	2,000	IND-HVAC-DTW-UVC-R1-SS-18-2L-120V	2
5 TON	20” X 14”	2,000	IND-HVAC-DTW-UVC-R2-SS-18-4L-120V	1
7.5 TON	20” X 18”	3,000	IND-HVAC-DTW-UVC-R2-SS-18-4L-120V	1
10 TON	24” X 20”	4,000	IND-HVAC-DTW-UVC-R2-SS-18-4L-120V	2
15 TON	26” X 24”	6,000	IND-HVAC-DTW-UVC-R1-SS-24-2L-120V	3
15 TON	26” X 24”	6,000	IND-HVAC-DTW-UVC-R2-SS-24-4L-120V	2
20 TON	32” X 26”	8,000	IND-HVAC-DTW-UVC-R2-SS-24-4L-120V	2
20 TON	32” X 26”	8,000	IND-HVAC-DTW-UVC-R4-SS-24-4L-120V	1
25 TON	26” X 28”	10,000	IND-HVAC-DTW-UVC-R2-SS-24-4L-120V	2
25 TON	26” X 28”	10,000	IND-HVAC-DTW-UVC-R4-SS-24-4L-120V	1
30 TON	38” X 30”	12,000	IND-HVAC-DTW-UVC-R2-SS-36-2L-120V	2
30 TON	38” X 30”	12,000	IND-HVAC-DTW-UVC-R2-SS-36-4L-120V	1
50 TON	44” X 38”	20,000	IND-HVAC-DTW-UVC-R2-SS-36-4L-120V	2



UV Air Duct Disinfection

SKU	LAMP LENGTH	LAMP QTY.	LAMP WATTS	UV OUTPUT/ LAMP	TOTAL WATTS	TOTAL UV OUTPUT	IRRADIANCE	DEPTH	VOLTAGE	REPLACEMENT LAMP	AMPS
IND-HVAC-DTW-UVC-R1-SS-12-1L-120V	12	1	10	3.6	10	3.6	30	15	120V	FRL-12-1X-T8-10W-UV-C	0.10
IND-HVAC-DTW-UVC-R1-SS-12-2L-120V	12	2	10	3.6	20	7.2	30	15	120V	FRL-12-1X-T8-10W-UV-C	0.21
IND-HVAC-DTW-UVC-R1-SS-18-1L-120V	18	1	15	5.3	15	5.3	44	21	120V	FRL-18-1X-T8-15W-UV-C	0.16
IND-HVAC-DTW-UVC-R1-SS-18-2L-120V	18	2	15	5.3	30	10.6	44	21	120V	FRL-18-1X-T8-15W-UV-C	0.31
IND-HVAC-DTW-UVC-R1-SS-24-1L-120V	24	1	20	9.1	20	9.1	75	27	120V	FRL-24-1X-T8-20W-UV-C	0.21
IND-HVAC-DTW-UVC-R1-SS-24-2L-120V	24	2	20	9.1	40	18.2	75	27	120V	FRL-24-1X-T8-20W-UV-C	0.42
IND-HVAC-DTW-UVC-R1-SS-30-1L-120V	30	1	25	10	25	10	82	33	120V	FRL-30-1X-T8-25W-UV-C	0.26
IND-HVAC-DTW-UVC-R1-SS-30-2L-120V	30	2	25	10	50	20	82	33	120V	FRL-30-1X-T8-25W-UV-C	0.52
IND-HVAC-DTW-UVC-R1-SS-36-1L-120V	36	1	30	13.1	30	13.1	107	39	120V	FRL-36-1X-T8-30W-UV-C	0.31
IND-HVAC-DTW-UVC-R1-SS-36-2L-120V	36	2	30	13.1	60	26.2	107	39	120V	FRL-36-1X-T8-30W-UV-C	0.63
IND-HVAC-DTW-UVC-R1-SS-48-1L-120V	48	1	40	14.3	40	14.3	117	51	120V	FRL-48-1X-T8-40W-UV-C	0.42
IND-HVAC-DTW-UVC-R1-SS-48-2L-120V	48	2	40	14.3	80	28.6	117	51	120V	FRL-48-1X-T8-40W-UV-C	0.83
IND-HVAC-DTW-UVC-R3-SS-24-1L-120V	24	1	60	13.3	60	13.3	120	27	120V	FRL-24-1X-T8HO-60W-UV-C	0.63
IND-HVAC-DTW-UVC-R3-SS-24-2L-120V	24	2	60	13.3	120	26.6	120	27	120V	FRL-24-1X-T8HO-60W-UV-C	1.25
IND-HVAC-DTW-UVC-R3-SS-48-1L-120V	48	1	120	26.6	120	26.6	240	51	120V	FRL-48-1X-T8HO-120W-UV-C	1.25
IND-HVAC-DTW-UVC-R3-SS-48-2L-120V	48	2	120	26.6	240	53.2	240	51	120V	FRL-48-1X-T8HO-120W-UV-C	2.50
IND-HVAC-DTW-UVC-R2-SS-12-2L-120V	12	2	10	3.6	20	7.2	30	15	120V	FRL-12-1X-T8-10W-UV-C	0.21
IND-HVAC-DTW-UVC-R2-SS-12-3L-120V	12	3	10	3.6	30	10.8	30	15	120V	FRL-12-1X-T8-10W-UV-C	0.31
IND-HVAC-DTW-UVC-R2-SS-12-4L-120V	12	4	10	3.6	40	14.4	30	15	120V	FRL-12-1X-T8-10W-UV-C	0.42
IND-HVAC-DTW-UVC-R2-SS-18-2L-120V	18	2	15	5.3	30	10.6	44	21	120V	FRL-18-1X-T8-15W-UV-C	0.31
IND-HVAC-DTW-UVC-R2-SS-18-3L-120V	18	3	15	5.3	45	15.9	44	21	120V	FRL-18-1X-T8-15W-UV-C	0.47
IND-HVAC-DTW-UVC-R2-SS-18-4L-120V	18	4	15	5.3	60	21.2	44	21	120V	FRL-18-1X-T8-15W-UV-C	0.63
IND-HVAC-DTW-UVC-R2-SS-24-2L-120V	24	2	20	9.1	40	18.2	75	27	120V	FRL-24-1X-T8-20W-UV-C	0.42
IND-HVAC-DTW-UVC-R2-SS-24-3L-120V	24	3	20	9.1	60	27.3	75	27	120V	FRL-24-1X-T8-20W-UV-C	0.63
IND-HVAC-DTW-UVC-R2-SS-24-4L-120V	24	4	20	9.1	80	36.4	75	27	120V	FRL-24-1X-T8-20W-UV-C	0.83
IND-HVAC-DTW-UVC-R2-SS-30-2L-120V	30	2	25	10	50	20	82	33	120V	FRL-30-1X-T8-25W-UV-C	0.52
IND-HVAC-DTW-UVC-R2-SS-30-3L-120V	30	3	25	10	75	30	82	33	120V	FRL-30-1X-T8-25W-UV-C	0.78
IND-HVAC-DTW-UVC-R2-SS-30-4L-120V	30	4	25	10	100	40	82	33	120V	FRL-30-1X-T8-25W-UV-C	1.04
IND-HVAC-DTW-UVC-R2-SS-36-2L-120V	36	2	30	13.1	60	26.2	107	39	120V	FRL-36-1X-T8-30W-UV-C	0.63
IND-HVAC-DTW-UVC-R2-SS-36-3L-120V	36	3	30	13.1	90	39.3	107	39	120V	FRL-36-1X-T8-30W-UV-C	0.94
IND-HVAC-DTW-UVC-R2-SS-36-4L-120V	36	4	30	13.1	120	52.4	107	39	120V	FRL-36-1X-T8-30W-UV-C	1.25
IND-HVAC-DTW-UVC-R2-SS-48-2L-120V	48	2	40	14.3	80	28.6	117	51	120V	FRL-48-1X-T8-40W-UV-C	0.83
IND-HVAC-DTW-UVC-R2-SS-48-3L-120V	48	3	40	14.3	120	42.9	117	51	120V	FRL-48-1X-T8-40W-UV-C	1.25
IND-HVAC-DTW-UVC-R2-SS-48-4L-120V	48	4	40	14.3	160	57.2	117	51	120V	FRL-48-1X-T8-40W-UV-C	1.67
IND-HVAC-DTW-UVC-R4-SS-24-2L-120V	24	2	20	13.3	40	26.6	120	27	120V	FRL-24-1X-T8-20W-UV-C	0.42
IND-HVAC-DTW-UVC-R4-SS-24-3L-120V	24	3	20	13.3	60	39.9	120	27	120V	FRL-24-1X-T8-20W-UV-C	0.63
IND-HVAC-DTW-UVC-R4-SS-24-4L-120V	24	4	20	13.3	80	53.2	120	27	120V	FRL-24-1X-T8-20W-UV-C	0.83
IND-HVAC-DTW-UVC-R4-SS-48-2L-120V	48	2	40	26.6	80	53.2	240	51	120V	FRL-48-1X-T8-40W-UV-C	0.83
IND-HVAC-DTW-UVC-R4-SS-48-3L-120V	48	3	40	26.6	120	79.8	240	51	120V	FRL-48-1X-T8-40W-UV-C	1.25
IND-HVAC-DTW-UVC-R4-SS-48-4L-120V	48	4	40	26.6	160	106.4	240	51	120V	FRL-48-1X-T8-40W-UV-C	1.67



IND-HVAC-CDW Series

The Larson Electronics IND-HVAC-CDW series provide no-contact sanitation for large ducts and ventilation systems. These UV-C 254 nm lamps are installed inside ducts, where the lights inactivate up to 99.99% of disease-causing bacteria, viruses, mold and fungi in the air before it is reintroduced back into the building. Our standard unit is equipped with eight high output UV fluorescent lamps and is compatible with 8’ x 13’ ducts. Inside the duct, the lights provide full, 360° coverage for thorough sanitation. With an expected lifespan of 8,000+ hours, the UV lamps are low maintenance and only need to be replaced on a yearly basis. An included external ballast must be installed outside of the duct.

OVERVIEW

- **Recommended for large ducts**
- **Eight 254 nm UV-C fluorescent lamps (standard model)**
- **External ballast box**
- **Stainless steel construction**

IND-HVAC-DDW Series

The Larson Electronics IND-HVAC-DDW series offers powerful aerial sanitation inside ducts using high intensity UV-C induction lamps. This germicidal light inactivates up to 99.99% of disease-causing bacteria, viruses, mold and fungi in the air before it is reintroduced back into the building. Unlike traditional UV lights that require multiple lamps to be installed inside the duct, this solution utilizes one light positioned at the center of the duct. This results in better airflow (less resistance due to single lamp), performance and coverage. Induction lamps are energy efficient and feature an expected lifespan of 60,000+ hours, which is 5-8x longer than conventional UV fluorescent lamps. The extended lifespan of 254 nm induction lights translates to less maintenance and long-term cost savings. For seamless mounting inside ducts, we offer offset bracket kits at an additional cost.

OVERVIEW

- **Recommended for large ducts**
- **Eight 254 nm UV-C fluorescent lamps (standard model)**
- **External ballast box**
- **Stainless steel construction**

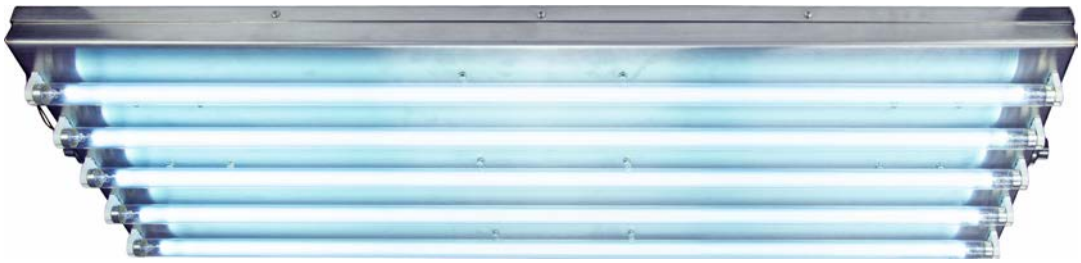
In-duct UVC Disinfection Light

SKU	LAMP WATTS	UV OUTPUT/ LAMP	IRRIDIANCE @ 3FT/ LAMP	VOLTAGE	AMPS	LAMP LIFE (HOURS)
IND-HVAC-DDW-R1-IDC-50W-UVC-XB	50	24.1	216	120-240V	0.42A @ 120V,0.21A @ 240V	60,000
IND-HVAC-DDW-R1-IDC-80W-UVC-XB	80	38.5	346	120-240V	0.67A @ 120V, 0.34A @ 240V	60,000
IND-HVAC-DDW-R1-IDC-150W-UVC-XB	150	72.5	650	120-240V	1.25A @ 120V, 0.63A @ 240V	60,000
IND-HVAC-DDW-R1-IDC-300W-UVC-XB	300	145	1300	120-240V	2.5A @ 120V, 1.3A @ 240V	60,000
IND-HVAC-DDW-R1-IDC-400W-UVC-XB	400	193	1733	120-240V	3.34A @ 120V, 1.67A @ 240V	60,000



IND-LP-SS Series

The Larson Electronics IND-LP-SS series is recommended for sanitation in large HVAC rooms. These high output fixtures feature 4-foot UV-C fluorescent lamps that eliminate up to 99.99% of bacteria, viruses, mold and fungi in the air and on surfaces. Our standard UV disinfection unit measures 48.75” x 17.75” with 3.75” spacing between the lamps. This system comes with a ballast at the back of the fixture. Constructed of 304 stainless steel for corrosion resistance and long-term durability, the UV light is compatible with surface mounting on walls or ceilings. Two zinc-coated wiring hubs cater to electrical connections during installation.



OVERVIEW

- **Available in multiple lamp configurations (2 to 5 UV lamps)**
- **Far-UV 222 nm or conventional 254 nm UV fixtures**
- **G13 fluorescent lamp base**
- **Stainless steel construction**



Industrial UVC Fluorescent Fixtures

SKU	LAMP LENGTH	LAMP QTY.	LAMP WATTS	UV OUTPUT/ LAMP	TOTAL WATTS	TOTAL UV OUTPUT	IRRADIANCE	VOLTAGE	DIMENSIONS	REPLACEMENT LAMP	AMPS
IND-LP-SS-12-1L-UVC	12	1	10	3.6	10	3.6	30	120-277V	15"-L x 9"-W x 3.75"-D	FRL-12-1X-T8-10W-UV-C	0.10A @ 120V, 0.05A @ 240V
IND-LP-SS-12-2L-UVC	12	2	10	3.6	20	7.2	30	120-277V	15-L x 9-W x 3.75-D	FRL-12-1X-T8-10W-UV-C	0.20A @ 120V, 0.10A @ 240V
IND-LP-SS-12-3L-UVC	12	3	10	3.6	30	10.8	30	120-277V	15-L x 14-W x 3.75-D	FRL-12-1X-T8-10W-UV-C	0.31A @ 120V, 0.15A @ 240V
IND-LP-SS-12-4L-UVC	12	4	10	3.6	40	14.4	30	120-277V	15-L x 17.75-W x 3.75-D	FRL-12-1X-T8-10W-UV-C	0.41A @ 120V, 0.20A @ 240V
IND-LP-SS-12-5L-UVC	12	5	10	3.6	50	18	30	120-277V	15-L x 17.75-W x 3.75-D	FRL-12-1X-T8-10W-UV-C	0.52A @ 120V, 0.26A @ 240V
IND-LP-SS-12-6L-UVC	12	6	10	3.6	60	21.6	30	120-277V	15-L x 20-W x 3.75-D	FRL-12-1X-T8-10W-UV-C	0.62A @ 120V, 0.31A @ 240V
IND-LP-SS-18-1L-UVC	18	1	15	5.3	15	5.3	44	120-277V	21-L x 9-W x 3.75-D	FRL-18-1X-T8-15W-UV-C	0.15A @ 120V, 0.07A @ 240V
IND-LP-SS-18-2L-UVC	18	2	15	5.3	30	10.6	44	120-277V	21-L x 9-W x 3.75-D	FRL-18-1X-T8-15W-UV-C	0.31A @ 120V, 0.15A @ 240V
IND-LP-SS-18-3L-UVC	18	3	15	5.3	45	15.9	44	120-277V	21-L x 14-W x 3.75-D	FRL-18-1X-T8-15W-UV-C	0.46A @ 120V, 0.23A @ 240V
IND-LP-SS-18-4L-UVC	18	4	15	5.3	60	21.2	44	120-277V	21-L x 17.75-W x 3.75-D	FRL-18-1X-T8-15W-UV-C	0.62A @ 120V, 0.31A @ 240V
IND-LP-SS-18-5L-UVC	18	5	15	5.3	75	26.5	44	120-277V	21-L x 17.75-W x 3.75-D	FRL-18-1X-T8-15W-UV-C	0.78A @ 120V, 0.39A @ 240V
IND-LP-SS-18-6L-UVC	18	6	15	5.3	90	31.8	44	120-277V	21-L x 20-W x 3.75-D	FRL-18-1X-T8-15W-UV-C	0.93A @ 120V, 0.46A @ 240V
IND-LP-SS-24-1L-UVC	24	1	20	9.1	20	9.1	75	120-277V	27-L x 9-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	0.20A @ 120V, 0.10A @ 240V
IND-LP-SS-24-2L-UVC	24	2	20	9.1	40	18.2	75	120-277V	27-L x 9-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	0.41A @ 120V, 0.20A @ 240V
IND-LP-SS-24-3L-UVC	24	3	20	9.1	60	27.3	75	120-277V	27-L x 14-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	0.62A @ 120V, 0.31A @ 240V
IND-LP-SS-24-4L-UVC	24	4	20	9.1	80	36.4	75	120-277V	27-L x 17.75-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	0.83A @ 120V, 0.41A @ 240V
IND-LP-SS-24-5L-UVC	24	5	20	9.1	100	45.5	75	120-277V	27-L x 17.75-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	1.04A @ 120V, 0.52A @ 240V
IND-LP-SS-24-6L-UVC	24	6	20	9.1	120	54.6	75	120-277V	27-L x 20-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	1.25A @ 120V, 0.62A @ 240V
IND-LP-SS-30-1L-UVC	30	1	25	10	25	10	82	120-277V	33-L x 9-W x 3.75-D	FRL-30-1X-T8-25W-UV-C	0.26A @ 120V, 0.13A @ 240V
IND-LP-SS-30-2L-UVC	30	2	25	10	50	20	82	120-277V	33-L x 9-W x 3.75-D	FRL-30-1X-T8-25W-UV-C	0.52A @ 120V, 0.26A @ 240V
IND-LP-SS-30-3L-UVC	30	3	25	10	75	30	82	120-277V	33-L x 14-W x 3.75-D	FRL-30-1X-T8-25W-UV-C	0.78A @ 120V, 0.39A @ 240V
IND-LP-SS-30-4L-UVC	30	4	25	10	100	40	82	120-277V	33-L x 17.75-W x 3.75-D	FRL-30-1X-T8-25W-UV-C	1.04A @ 120V, 0.52A @ 240V
IND-LP-SS-30-5L-UVC	30	5	25	10	125	50	82	120-277V	33-L x 17.75-W x 3.75-D	FRL-30-1X-T8-25W-UV-C	1.30A @ 120V, 0.65A @ 240V
IND-LP-SS-30-6L-UVC	30	6	25	10	150	60	82	120-277V	33-L x 20-W x 3.75-D	FRL-30-1X-T8-25W-UV-C	1.56A @ 120V, 0.78A @ 240V



Industrial UVC Fluorescent Fixtures

SKU	LAMP LENGTH	LAMP QTY.	LAMP WATTS	UV OUTPUT/ LAMP	TOTAL WATTS	TOTAL UV OUTPUT	IRRADIANCE	VOLTAGE	DIMENSIONS	REPLACEMENT LAMP	AMPS
IND-LP-SS-36-1L-UVC	36	1	30	13.1	30	13.1	107	120-277V	39-L x 9-W x 3.75-D	FRL-36-1X-T8-30W-UV-C	0.31A @ 120V, 0.15A @ 240V
IND-LP-SS-36-2L-UVC	36	2	30	13.1	60	26.2	107	120-277V	39-L x 9-W x 3.75-D	FRL-36-1X-T8-30W-UV-C	0.62A @ 120V, 0.31A @ 240V
IND-LP-SS-36-3L-UVC	36	3	30	13.1	90	39.3	107	120-277V	39-L x 14-W x 3.75-D	FRL-36-1X-T8-30W-UV-C	0.93A @ 120V, 0.46A @ 240V
IND-LP-SS-36-4L-UVC	36	4	30	13.1	120	52.4	107	120-277V	39-L x 17.75-W x 3.75-D	FRL-36-1X-T8-30W-UV-C	1.25A @ 120V, 0.62A @ 240V
IND-LP-SS-36-5L-UVC	36	5	30	13.1	150	65.5	107	120-277V	39-L x 17.75-W x 3.75-D	FRL-36-1X-T8-30W-UV-C	1.56A @ 120V, 0.78A @ 240V
IND-LP-SS-36-6L-UVC	36	6	30	13.1	180	78.6	107	120-277V	39-L x 20-W x 3.75-D	FRL-36-1X-T8-30W-UV-C	1.87A @ 120V, 0.93A @ 240V
IND-LP-SS-48-1L-UVC	48	1	40	14.3	40	14.3	117	120-277V	51-L x 9-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	0.41A @ 120V, 0.20A @ 240V
IND-LP-SS-48-2L-UVC	48	2	40	14.3	80	28.6	117	120-277V	51-L x 9-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	0.83A @ 120V, 0.41A @ 240V
IND-LP-SS-48-3L-UVC	48	3	40	14.3	120	42.9	117	120-277V	51-L x 14-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	1.25A @ 120V, 0.62A @ 240V
IND-LP-SS-48-4L-UVC	48	4	40	14.3	160	57.2	117	120-277V	51-L x 17.75-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	1.66A @ 120V, 0.83A @ 240V
IND-LP-SS-48-5L-UVC	48	5	40	14.3	200	71.5	117	120-277V	51-L x 17.75-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	2.08A @ 120V, 1.04A @ 240V
IND-LP-SS-48-6L-UVC	48	6	40	14.3	240	85.8	117	120-277V	51-L x 20-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	2.5A @ 120V, 1.25A @ 240V
IND-LP-SS-24-1L-V2-UVC	24	1	60	13.3	60	13.3	120	120-277V	27-L x 9-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	0.62A @ 120V, 0.31A @ 240V
IND-LP-SS-24-2L-V2-UVC	24	2	60	13.3	120	26.6	120	120-277V	27-L x 9-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	1.25A @ 120V, 0.62A @ 240V
IND-LP-SS-24-3L-V2-UVC	24	3	60	13.3	180	39.9	120	120-277V	27-L x 14-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	1.87A @ 120V, 0.93A @ 240V
IND-LP-SS-24-4L-V2-UVC	24	4	60	13.3	240	53.2	120	120-277V	27-L x 17.75-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	2.5A @ 120V, 1.25A @ 240V
IND-LP-SS-24-5L-V2-UVC	24	5	60	13.3	300	66.5	120	120-277V	27-L x 17.75-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	3.12A @ 120V, 1.56A @ 240V
IND-LP-SS-24-6L-V2-UVC	24	6	60	13.3	360	79.8	120	120-277V	27-L x 20-W x 3.75-D	FRL-24-1X-T8-20W-UV-C	3.75A @ 120V, 1.87A @ 240V
IND-LP-SS-48-1L-V2-UVC	48	1	120	26.6	120	26.6	240	120-277V	51-L x 9-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	1.25A @ 120V, 0.62A @ 240V
IND-LP-SS-48-2L-V2-UVC	48	2	120	26.6	240	53.2	240	120-277V	51-L x 9-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	2.5A @ 120V, 1.25A @ 240V
IND-LP-SS-48-3L-V2-UVC	48	3	120	26.6	360	79.8	240	120-277V	51-L x 14-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	3.75A @ 120V, 1.87A @ 240V
IND-LP-SS-48-4L-V2-UVC	48	4	120	26.6	480	106.4	240	120-277V	51-L x 17.75-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	5A @ 120V, 2.5A @ 240V
IND-LP-SS-48-5L-V2-UVC	48	5	120	26.6	600	133	240	120-277V	51-L x 17.75-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	6.25A @ 120V, 3.12A @ 240V
IND-LP-SS-48-6L-V2-UVC	48	6	120	26.6	720	159.6	240	120-277V	51-L x 20-W x 3.75-D	FRL-48-1X-T8-40W-UV-C	7.5A @ 120V, 3.75A @ 240V



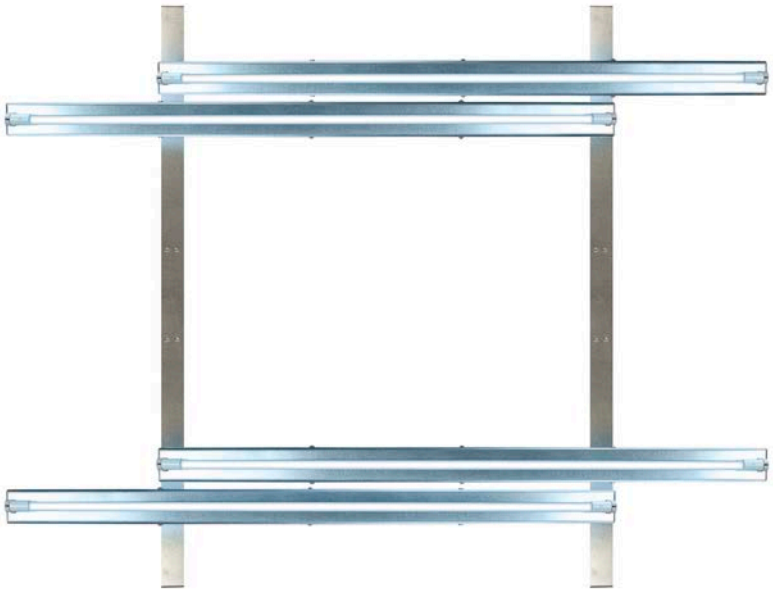
Coil Cleaning Series Introduction

The Larson Electronics coil cleaning UV sanitation series improves HVAC performance and energy consumption by deterring buildup and growth on the coil. This solution leverages germicidal 254 nm UV-C light, which can eliminate up to 99.99% of disease-causing bacteria, viruses, mold and fungi on coils and in the air (secondary benefit). Coils in HVAC systems are known to be humid and wet. Over time, dirt, hair and contaminants get trapped on the surface resulting in compromised airflow and decreased air quality inside buildings. Our fluorescent UV lights effectively address these issues through proactive, around-the-clock cleaning. These UV-C lamps are installed approximately 12” (3” to 30”) from the coil inside the HVAC system. The UV lights come with an expected lifespan of 8,000+ hours, equating to one lamp change per year.

This solution is recommended for continuous HVAC coil cleaning in industrial facilities, commercial buildings, offices, schools, labs, food processing, manufacturing, pharmaceutical, residential and more.

BENEFITS

- **Prevents buildup and growth on coils**
- **Improves air quality; reduces odors**
- **Boost HVAC performance and maintains efficient operation**
- **24/7, no-contact sanitation**
- **No chemicals and abrasive cleaning liquids**
- **No downtime; low maintenance**



IND-HVAC-ACC Series

The Larson Electronics IND-HVAC-ACC series keeps coils inside HVAC systems clean and deters buildup of contaminants through germicidal UV-C sanitation. These powerful lamps are installed 12” (3” to 30”) from the coils and can be left on 24/7 for continuous cleaning. The 254 nm UV lights are secured on a frame, which is mounted inside the HVAC system using included mounting hardware kits for easy installation. Two warning labels are provided to keep individuals safe and prevent UV exposure when accessing the HVAC system during maintenance. For best results, select a product that closely matches the dimensions of the HVAC coil.

OVERVIEW

- **Available in multiple lamp configurations (1 to 4 UV lamps)**
- **Accommodates standard HVAC coil sizes (48”x24” to 88”x53”)**
- **NEMA 3R rated external ballast box**
- **Comes with safety warning labels**
- **Included mounting components: hardware kit, mounting rack and uprights (quantity of parts may vary depending on the selected model)**



IND-HVAC-ACS Series

The Larson Electronics IND-HVAC-ACS series prevents buildup and unwanted microbial growth on HVAC coils. This solution is offered in various lamp sizes with a single-ended or double-ended configuration. The 254 nm UV-C lights should be installed 12” (3” to 30”) from the coils and can be left on 24/7 for continuous cleaning. This series comes with a bolt-in kit for easy installation, safety warning label to notify individuals about ongoing UV treatment and an external power supply. An indicator light provides the real-time status of the UV lamp inside the HVAC system to ensure timely lamp replacement or maintenance.

OVERVIEW

- **Available in single-ended and double-ended lamp configurations**
- **Available in 32” or 46”**
- **Indicator light for timely maintenance**
- **Comes with power supply, safety warning label and 10’ cable**
- **Stainless steel construction**
- **Included bolt-in mounting hardware: (4) sheet metal screws, 1/2” pipe clamp, lamp mount clips, (2) stainless steel L-brackets and (4) black zip ties**



AC Coil Sanitation Bolt-in Kit

SKU	LAMP LENGTH	LAMP QTY.	LAMP WATTS	UV OUTPUT/ LAMP	TOTAL WATTS	TOTAL UV OUTPUT	IRRADIANCE	DEPTH
IND-HVAC-ACS-R1-SE-18-1L-XB	18	1	48	17	150	120V	FRL-18-1X-T5HO.4P-UV-C	0.50
IND-HVAC-ACS-R1-SE-18-1L-XB	18	2	48	17	150	120V	FRL-18-1X-T5HO.4P-UV-C	1.00
IND-HVAC-ACS-R1-SE-32-1L-XB	32	1	80	26	225	120V	FRL-32-1X-T5HO.4P-UV-C	0.83
IND-HVAC-ACS-R1-SE-32-1L-XB	32	2	80	26	225	120V	FRL-32-1X-T5HO.4P-UV-C	1.67
IND-HVAC-ACS-R1-SE-46-1L-XB	46	2	100	29	270	120V	FRL-46-1X-T5HO.4P-UV-C	2.08
IND-HVAC-ACS-R1-SE-46-1L-XB	46	1	100	29	270	120V	FRL-46-1X-T5HO.4P-UV-C	1.04
IND-HVAC-ACS-R1-SE-60-1L-XB	60	1	130	50	395	120V	FRL-60-1X-T5HO.4P-UV-C	1.35
IND-HVAC-ACS-R1-SE-60-1L-XB	60	2	130	50	395	120V	FRL-60-1X-T5HO.4P-UV-C	2.71
IND-HVAC-ACS-R2-DE-12-1L-XB	12	1	10	3.6	30	120V	FRL-12-1X-T8-10W-UV-C	0.10
IND-HVAC-ACS-R2-DE-12-1L-XB	12	2	10	3.6	30	120V	FRL-12-1X-T8-10W-UV-C	0.21
IND-HVAC-ACS-R2-DE-18-1L-XB	18	1	15	5.3	44	120V	FRL-18-1X-T8-15W-UV-C	0.16
IND-HVAC-ACS-R2-DE-18-1L-XB	18	2	15	5.3	44	120V	FRL-18-1X-T8-15W-UV-C	0.31
IND-HVAC-ACS-R2-DE-24-1L-XB	24	1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.21
IND-HVAC-ACS-R2-DE-24-1L-XB	24	2	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.42
IND-HVAC-ACS-R2-DE-30-1L-XB	30	1	25	10	82	120V	FRL-30-1X-T8-25W-UV-C	0.26
IND-HVAC-ACS-R2-DE-30-1L-XB	30	2	25	10	82	120V	FRL-30-1X-T8-25W-UV-C	0.52
IND-HVAC-ACS-R2-DE-36-1L-XB	36	1	30	13.1	107	120V	FRL-36-1X-T8-30W-UV-C	0.31
IND-HVAC-ACS-R2-DE-36-1L-XB	36	2	30	13.1	107	120V	FRL-36-1X-T8-30W-UV-C	0.63
IND-HVAC-ACS-R2-DE-48-1L-XB	48	1	40	14.3	117	120V	FRL-48-1X-T8-40W-UV-C	0.42
IND-HVAC-ACS-R2-DE-48-1L-XB	48	2	40	14.3	117	120V	FRL-48-1X-T8-40W-UV-C	0.83
IND-HVAC-ACS-R3-DE-24-1L-XB	24	1	60	13.3	120	120V	FRL-24-1X-T8HO-60W-UV-C	0.63
IND-HVAC-ACS-R3-DE-24-1L-XB	24	2	60	13.3	120	120V	FRL-24-1X-T8HO-60W-UV-C	1.25
IND-HVAC-ACS-R3-DE-48-1L-XB	48	1	120	26.6	120	120V	FRL-48-1X-T8HO-120W-UV-C	1.25
IND-HVAC-ACS-R3-DE-48-1L-XB	48	2	120	26.6	240	120V	FRL-48-1X-T8HO-120W-UV-C	2.50

Occupied Area Room UV Air Sanitizer Series

The Larson Electronics occupied area room UV air sanitizer series eliminates up to 99.99% of disease-causing bacteria, viruses, mold and fungi in occupied areas. These units are powered by 254 nm UV-C lights that are fully enclosed for protection in busy facilities. During use, the system draws “dirty” surrounding air into a chamber, where it is cleaned by the UV lamps. UV treatment is complete when sanitized “clean” air exits the unit via louvers at the other end of the system and is reintroduced back into the occupied area. This series includes permanent mount UV air sanitizers for indoor locations and buildings, as well as mobile UV air sanitizers with wheels for portable deployment in temporary sites, shelters and locations. An expected lamp lifespan of 8,000+ hours translates to low maintenance and minimal lamp replacement (approximately one lamp change per year).

Our air disinfection solution is recommended for occupied areas in industrial facilities, commercial buildings, offices, schools, labs, food processing, manufacturing, pharmaceutical, residential, temporary shelters, remote sites and more.

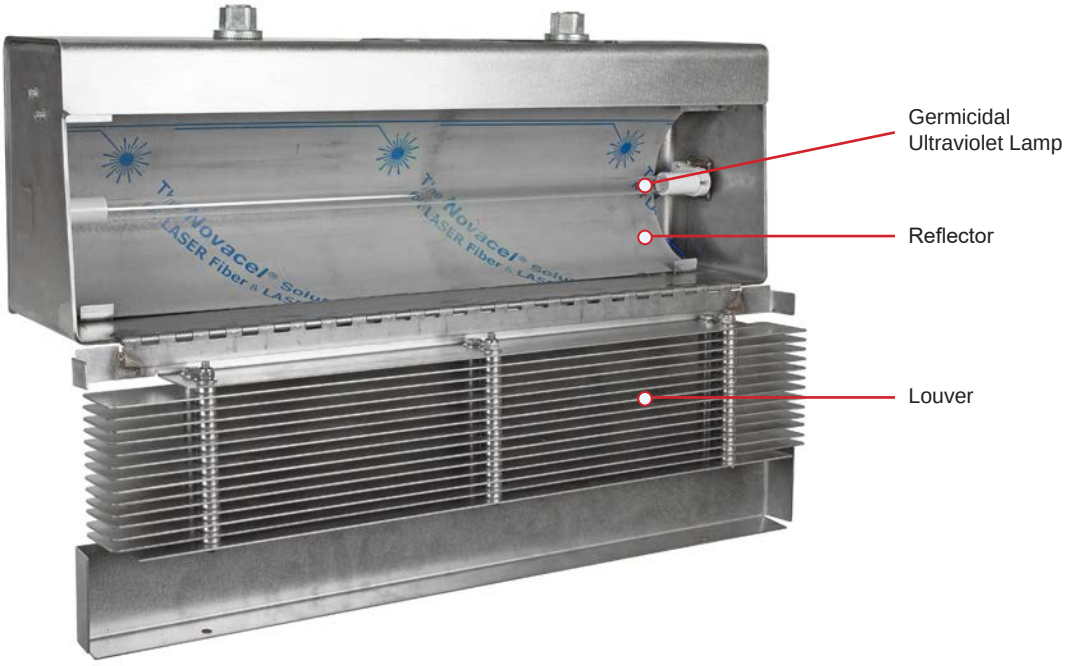
BENEFITS

- **Sanitizes air without noise or contact**
- **Improves air quality; reduces odors**
- **Enclosed design ensures safe use in occupied areas**
- **Portable models allow quick transportation, deployment and storage**
- **No chemicals and abrasive cleaning liquids**
- **No downtime; low maintenance**



IND-AH Series

The Larson Electronics IND-AH series sanitizes the air in occupied areas using powerful 254 nm UV-C fluorescent lamps. An enclosed design with louvers protects people in the room from UV exposure. UV treatment using our UV disinfection fixtures is quiet and continuous (24/7). These UV sanitizers are permanently installed in the upper section of rooms or buildings in order to clean “dirty” circulating air from the HVAC system. This series caters to a wide range of mounting requirements and styles. Options include: wall or surface mount, corner wall mount, pendant mount and tripod mount. Our UV solutions for occupied areas are protected by corrosion-resistant stainless steel housings for long-term durability.



OVERVIEW

- Available in multiple lamp configurations (1 to 2 UV lamps)
- Mounting options (wall, corner wall, pendant and tripod)
- 24/7 constant sanitation; no noise
- Suitable for occupied areas
- Stainless steel construction



Indirect UV Air Disinfection Fixtures

SKU	Mount	Cord	Coverage Area	Lamp Qty	Lamp Watts	UV Output/ Lamp	Total Watts	Total UV Out-put	Irridiance @ 3M/ Lamp	Voltage	Replacement Lamp	Amps
IND-AH-UVC-LF-24-SF-CWM-10C-120V	Corner Wall	N/A	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-LF-24-SF-CWM-120V	Corner Wall	N/A	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-LF-24-SF-CWM-50C-120V	Corner Wall	50'	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-LF-24-SF-PND-120V	Pendant	N/A	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-LF-24-SF-WLM-10C-120V	Wall	10'	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-LF-24-SF-WLM-120V	Wall	N/A	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-LF-24-SF-WLM-50C-120V	Wall	50'	213 SqFt	1	20	9.1	20	9.1	75	120V	FRL-24-1X-T8-20W-UV-C	0.2
IND-AH-UVC-DF-24-DF-TP-120V-50C	Tripod	50'	426 SqFt	2	20	9.1	40	18.2	75	120V	FRL-24-1X-T8-20W-UV-C	0.4
IND-AH-UVC-DF-24-SF-PND-120V	Pendant	N/A	426 SqFt	2	20	9.1	40	18.2	75	120V	FRL-24-1X-T8-20W-UV-C	0.4
IND-AH-UVC-DF-24-SF-PND-50C-120V	Pendant	50'	426 SqFt	2	20	9.1	40	18.2	75	120V	FRL-24-1X-T8-20W-UV-C	0.4
IND-AH-UVC-DF-24-SF-TP-120V-50C	Tripod	50'	426 SqFt	2	20	9.1	40	18.2	75	120V	FRL-24-1X-T8-20W-UV-C	0.4