

CommercialUV™



IMPROVING INDOOR ENVIRONMENTS

Musty odors and “dirty sock syndrome” can be a problem in air handlers and rooftops. The air conditioning coil component of these systems can become a breeding ground for mold and fungi which will create a toxic biofilm reducing operational efficiency and cause poor indoor air. Field Controls CommercialUV CUV systems are designed to prevent toxic biofilm build up on AC-coils and significantly reduce airborne germs, viruses, and bacteria.

ULTIMATE IN COIL IRRADIATION

- Eradicates cooling coil biofilms
- Improves Indoor Air Quality (IAQ) for healthier air
- Reduces HVAC system operating costs and maintenance

HIGH OUTPUT QUARTZ LAMPS

- Multiple lengths for your applications (18”, 23”, 28”, 34”, 38”, 46”, & 58” options)
- Select non-coated or FEP coated models
- Intensity ranges from 278 - 780 $\mu\text{W}/\text{cm}^2@1\text{m}$
- Zero ozone means pure air delivery
- 2-year/18,000 hr. lamp life for durability you can trust
- Magnetic mount for reliable ease of installation

AUTO SENSING BALLAST

- Multi-voltage 120 - 277 VAC input
- Indoor-outdoor, plenum rated enclosure
- Water-tight enclosure for peace of mind protection

INSTALLER FRIENDLY DESIGN

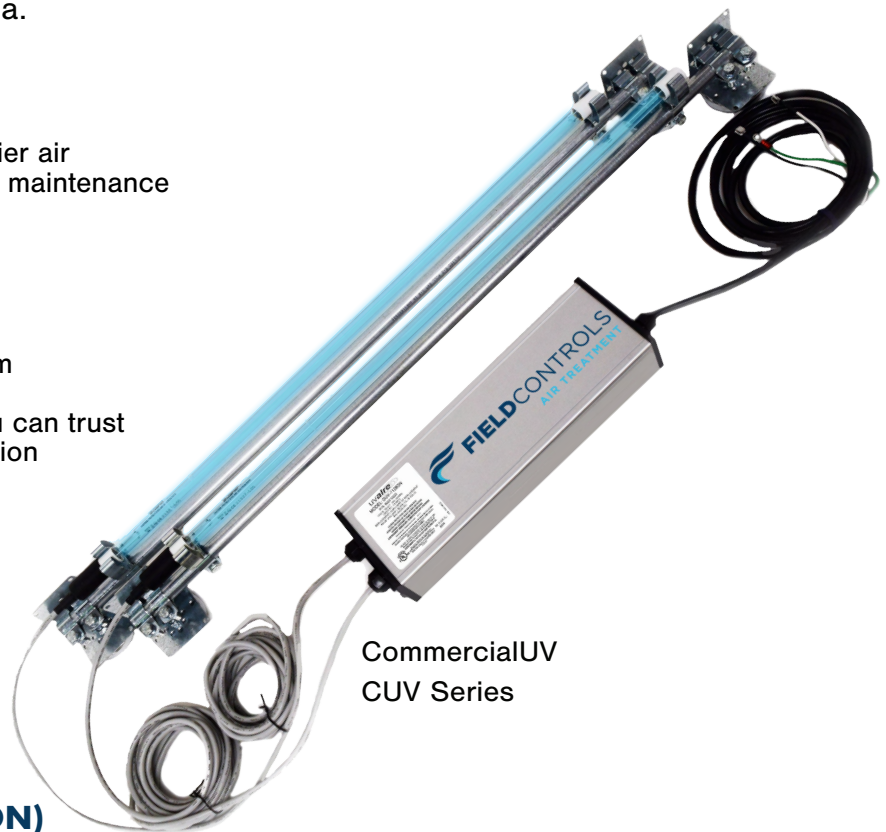
- Convenient and saves time
- Factory wired UV resistant cables

ELECTRICAL INTERLOCK SWITCH (OPTION)

- UVC shut-off for service and maintenance

REMOTE INTERFACE MODULE (OPTION)

- Liquid Crystal Displays provide lamp and ballast status
- Ideal for Facility Managers to maintain service logs



CommercialUV
 CUV Series



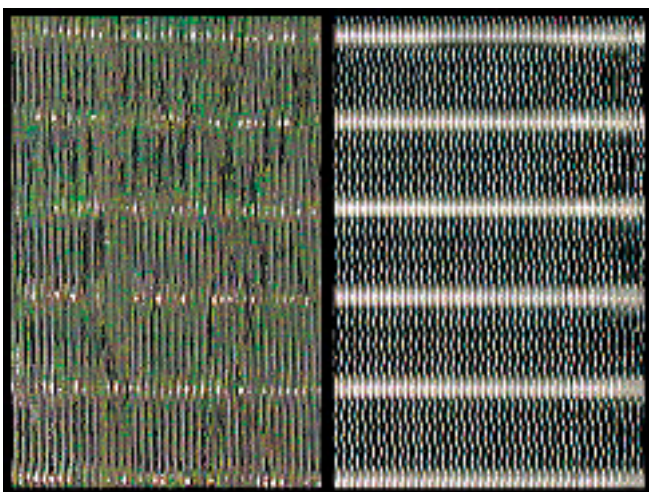
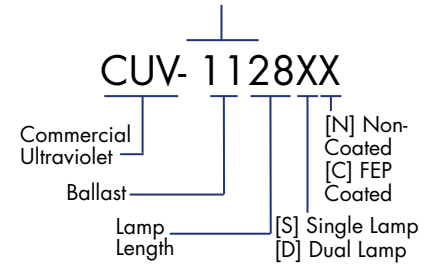
Consistent with WHO, ASHRAE and CDC guidance for addressing Airborne Viruses - High Efficiency Filtration and UVC Air Treatment

HOW IT WORKS

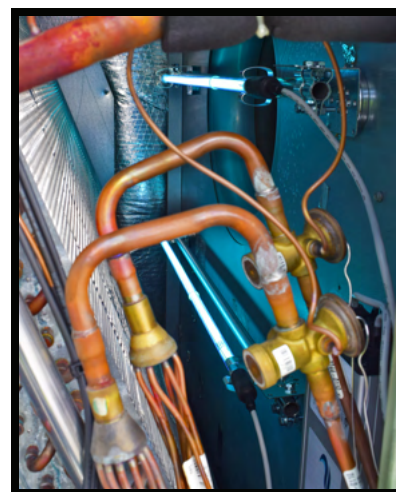
The Field Controls CommercialUV CUV series radiates High Output UVC energy at the 253.7 nanometer wavelength. The CUV series compliments an HVAC filtration system and provides cost effective coil irradiation and air treatment disinfection free of hazardous ozone. Ultraviolet Germicidal Irradiation (UVGI) energy is the perfect solution for irradiating air conditioning coils and the air stream to inactivate microbial organisms such as fungi, mold, bacteria, and viruses. The result will yield mold-free coils, toxin-free indoor air, and efficient airflow maintaining peak HVAC equipment efficiency. Install a Field Controls CommercialUV system and start improving indoor air quality today.

COMMERCIAL UV MODELS		
Part Number	Model	Description
602651702	CUV-1118DN	17.5" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602652302	CUV-1123DN	23" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602652312	CUV-1123DC	23" (2) Lamp Coated Commercial UVC High Output 120-277 VAC
602652801	CUV-1128SN	28" (1) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602652802	CUV-1128DN	28" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602652811	CUV-1128SC	28" (1) Lamp Coated Commercial UVC High Output 120-277 VAC
602652812	CUV-1128DC	28" (2) Lamp Coated Commercial UVC High Output 120-277 VAC
602653401	CUV-1134SN	34" (1) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602653402	CUV-1134DN	34" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602653411	CUV-1134SC	34" (1) Lamp Coated Commercial UVC High Output 120-277 VAC
602653412	CUV-1134DC	34" (2) Lamp Coated Commercial UVC High Output 120-277 VAC
602653802	CUV-1538DN	38" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602653812	CUV-1538DC	38" (2) Lamp Coated Commercial UVC High Output 120-277 VAC
602654602	CUV-1546DN	46" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602654612	CUV-1546DC	46" (2) Lamp Coated Commercial UVC High Output 120-277 VAC
602655802	CUV-1558DN	58" (2) Lamp Non-Coated Commercial UVC High Output 120-277 VAC
602655812	CUV-1558DC	58" (2) Lamp Coated Commercial UVC High Output 120-277 VAC

CommercialUV MODEL NUMBER KEY



AC-coils without Germicidal Irradiation AC-coils with Germicidal Irradiation



CommercialUV installed

