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UVC Germicidal Disinfection Strip

UVC LED Light enables Air & Surface Disinfection.

Ultraviolet Germicidal Irradiation (UVGI) Technology uses ultraviolet light to break down and inactivate infectious organisms such as bacteria, viruses, and other pathogens.

Combined UV Irradiation and Disinfecting Air Convection.



- High UV intensity ($\mu\text{W}/\text{cm}^2$) •
- Optimal UV Wavelengths for Disinfection •
- Slim & Low Profile for High CFM HVAC Ductwork •

CAUTION – WARNING ! This UV radiation can damage the retina of the eye !
Skin exposure to germicidal wavelengths of UV light can produce rapid sunburn and skin cancer !
Do NOT Look at the UVC Lamp when it's Lit!

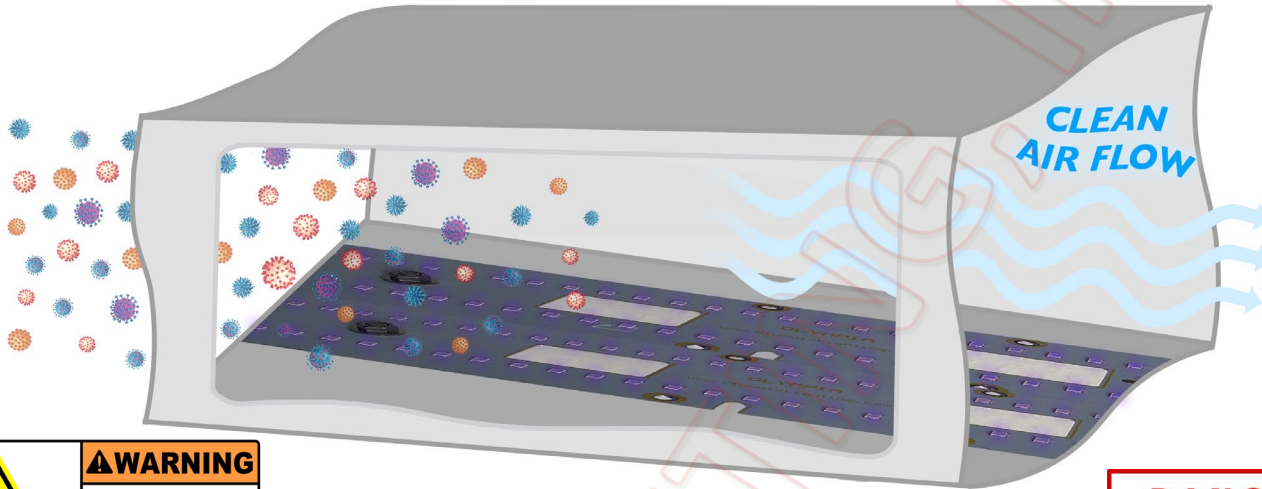


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UVC Germicidal Irradiation LED Strip

Sketch of UVGI Linear LED Strip Installed in Ductwork



WARNING
UV Light Hazard
 Avoid Looking Directly at Light !

UVGI Linear LED Strip

DANGER!
UV Radiation



Model	Product	Size	Power	Flux	UV Power
UVS-1FT-30W-UVC-480V UVS-1FT-30W-UVC-277V	UVGI LED Strip 1ft 30W 277V/480Vac	2½ x 15"	30W	28µW/cm ² at 1M	700mW
UVS-2FT-60W-UVC-480V UVS-2FT-60W-UVC-277V	UVGI LED Strip 2ft 60W 277V/480Vac	2½ x 18"	60W	38µW/cm ² at 1M	1,400mW
UVS-3FT-90W-UVC-480V UVS-3FT-90W-UVC-277V	UVGI LED Strip 3ft 90W 277V/480Vac	2½ x 28"	90W	47µW/cm ² at 1M	2,100mW
UVS-4FT-120W-UVC-480V UVS-4FT-120W-UVC-277V	UVGI LED Strip 4ft 120W 277V/480Vac	2½ x 42"	120W	57µW/cm ² at 1M	2,800mW

- "480V" 208 ~ 480Vac | "277V" 120 ~ 277Vac ~50/60Hz •
- Rated Life 30KHrs. (L₇₀ B₅₀) at T_[A] 25°C • UVC 265nm ±5nm •

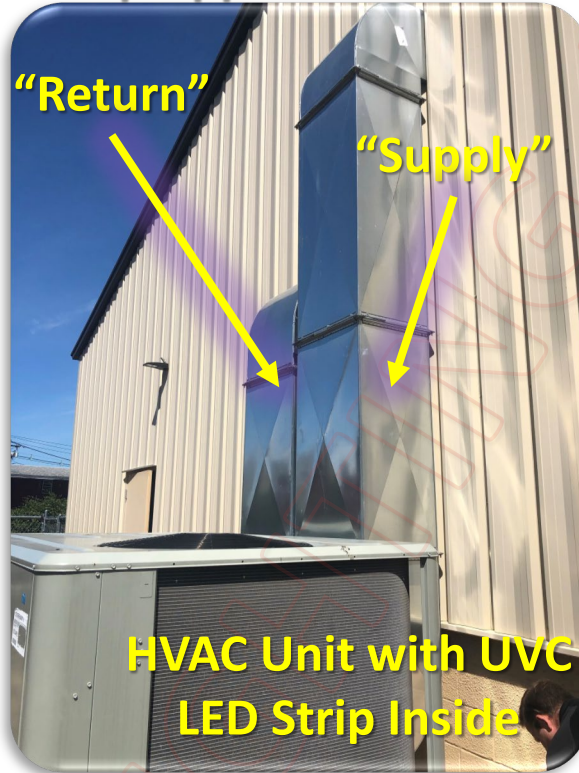


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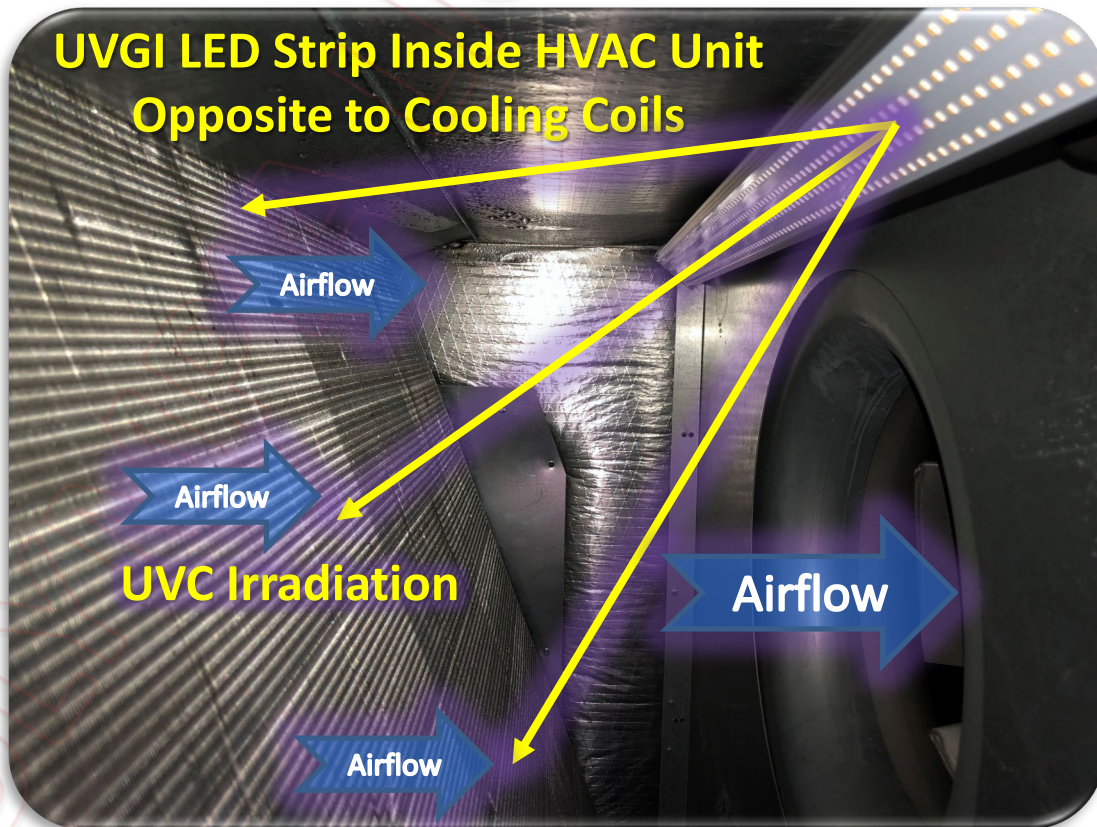
UVC Germicidal Irradiation LED Strip

UVGI Linear LED Strip Application in HVAC Packaged Unit



	WARNING UV Light Hazard Avoid Looking Directly at Light !
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DANGER! UV Radiation	
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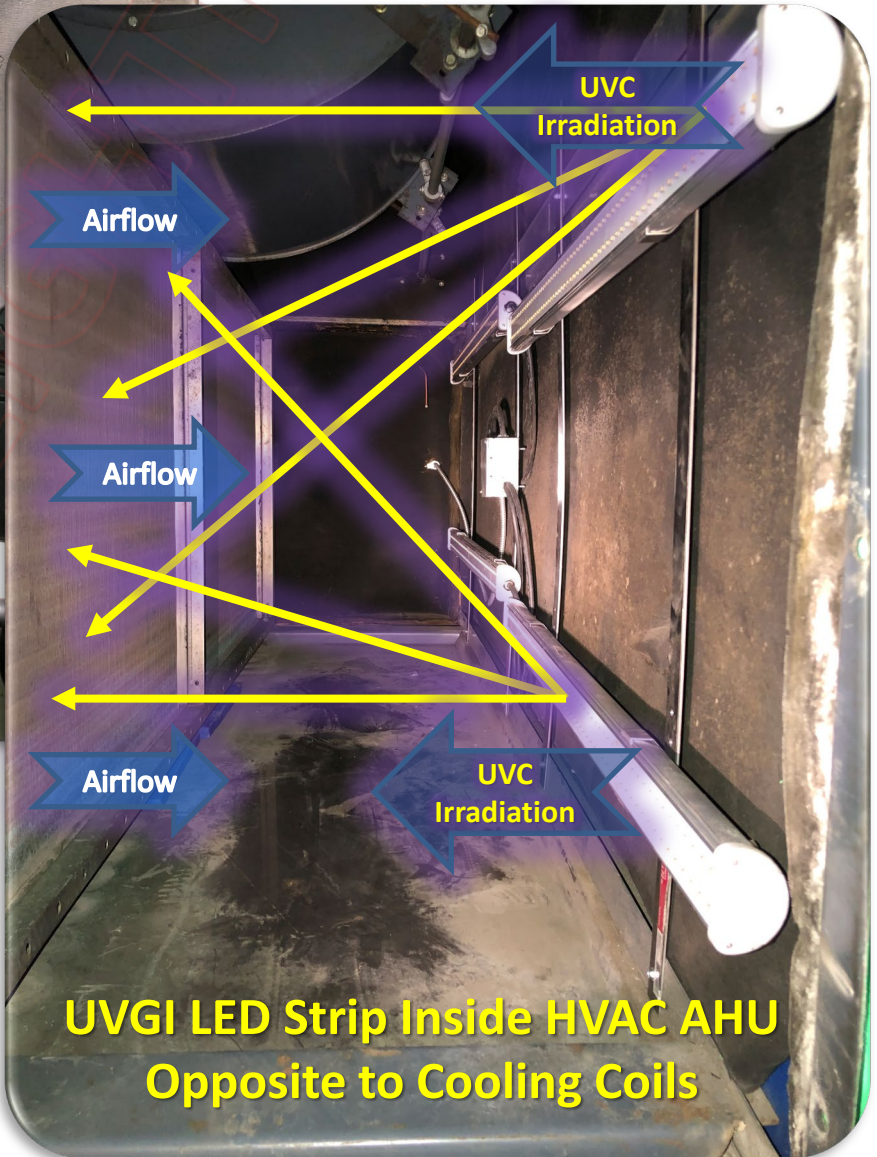
UVC Germicidal Irradiation LED Strip

UVGI Linear LED Strip Application in HVAC Air Handling Unit



Installation of UVC LED Strip Inside HVAC Air Handling Unit (AHU)

DANGER!
UV Radiation



UVGI LED Strip Inside HVAC AHU
Opposite to Cooling Coils



WARNING
UV Light Hazard
Avoid Looking Directly at Light !