

Maintenance:

Periodically it is recommended to clean the emitters to ensure years of optimum performance. This is a common practice when changing the HVAC filters. To clean the emitters simply, disconnect the power. Remove the CIS product if there is no immediate access to the emitters. The emitters can be cleaned using compressed air, tooth brush or a clean rag to dislodge any accumulated dust. At a minimum this is recommended to be performed annually.

Warranty:

The UVMatrix CIS-36 by Ultravation is provided with a 5 year warranty from date of installation (minimum expected lifetime of product within normal operating conditions). This warranty does not include damage to the unit from accident, misuse or improper installation. If this product should become defective, Ultravation will elect to repair or replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid to the customer, provided that the product was delivered pre-paid. Ultravation shall have no responsibilities for charges incurred by the customer for installation or removal of warranted items. Liability is limited only to the replacement or repair of this product.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. All returns must be accompanied by a return authorization number, which may be obtained by contacting Ultravation, Inc.

Specification:

Capacity	30-36 tons
Operating Voltage	24,120,208, 240,277 VAC 50/60 Hz.
Power Consumption	39 Watts
Total ION Output	>1.92 Billion ions/ cc
Material	Aluminum / Carbon, probes.
Temp Range	-30-180 deg. F
Humidity Range	0-100% RH
Width	3 inches
Height	3 inches
length	49 inches
Probe length(x4)	3 inches
Product weight	7 Lbs.
Warranty	5 years

Individual operation can also be determined by using a non conductive test tool. place the tool near the energized emitter, the tool will light or beep indicating power



Visit Ultravation.com to see more variations (CIS-12 ton model shown)

Ultravation

Better Air | Better Water | Better Living™

67 Tubbs Av, Brandon, Vermont 05764

Phone: 1-866-GO-UV-AIR (468-8247) ■ Fax: 802-287-9203

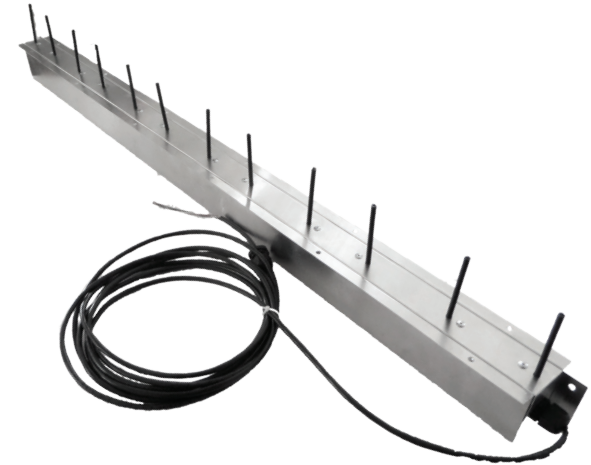
www.ultravation.com ■ info@ultravation.com

Copyright © 2025 Ultravation Inc.

UV Matrix CIS™

Commercial Grade Needle point bipolar ionization system

Unique adaptable design allows for installation pre-filtration or post or both



Owner Manual Installation Guide Model UV-Matrix-CIS-36

**RISK OF FIRE, ELECTRIC SHOCK OR INJURY
THIS PRODUCT MUST BE INSTALLED WITHIN THE HVAC
SYSTEM OR DUCT WORK.
THERE ARE NO USER SERVICEABLE PARTS
DISCONNECT POWER WHILE INSTALLING OR SERVICING THIS PRODUCT.
NOT INTENDED FOR OUTDOOR USE**

Safety precautions:

It is recommended that this unit be installed and maintained by a trained technician.

Ultravation

Better Air | Better Water | Better Living™

Package contents:

- 1 UVMatrix-CIS 36 Ion Generator.W/ 20ft power cord.
- 12 self tapping 3/4" hex screws
- 12 probe gaskets
- 1 multi-tap 24 VAC. transformer 40 VA. 120,240,277 operation.
- 2 wire nuts



Disconnect power and shutdown the system while installing or maintaining the product.

Regardless of the installation be sure to allow the airflow to go across the probes evenly as to prevent the ions from prematurely recombining in the atmosphere or canceling out the effect.

Utilizing Multiple units allows for greater coagulation effects essentially increasing the MERV rating of filtration, while allowing for uninterrupted air purification. As most filters are electrostatic and cancel out the ionization field during the sterilization process

PRIMARY WIRES	SECONDARY WIRES
Brn - 277 Vac	Yel/Wht - 24 Vac
Org - 240 Vac	
Red - 208 Vac	
Wht - 120 Vac	
Blk - Comm	Yel - 24 Vac



Pre filtration allows for the coagulation of micro particulates that would normally pass through filtration

This application also sterilizes filtration for maintenance purposes

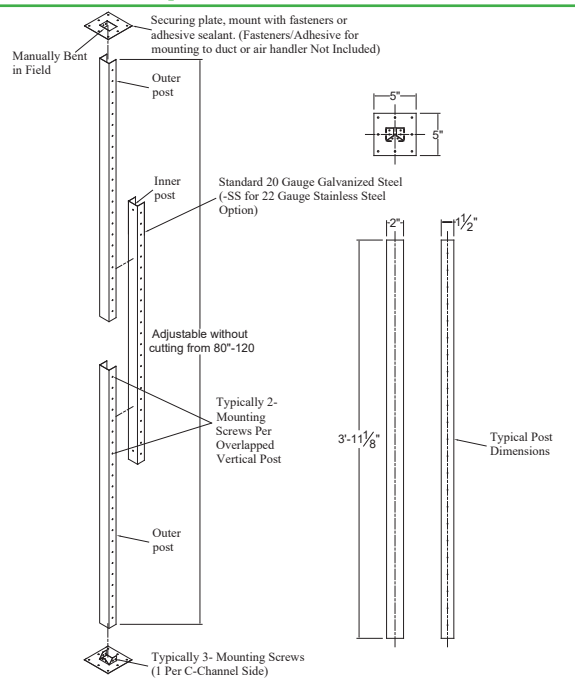
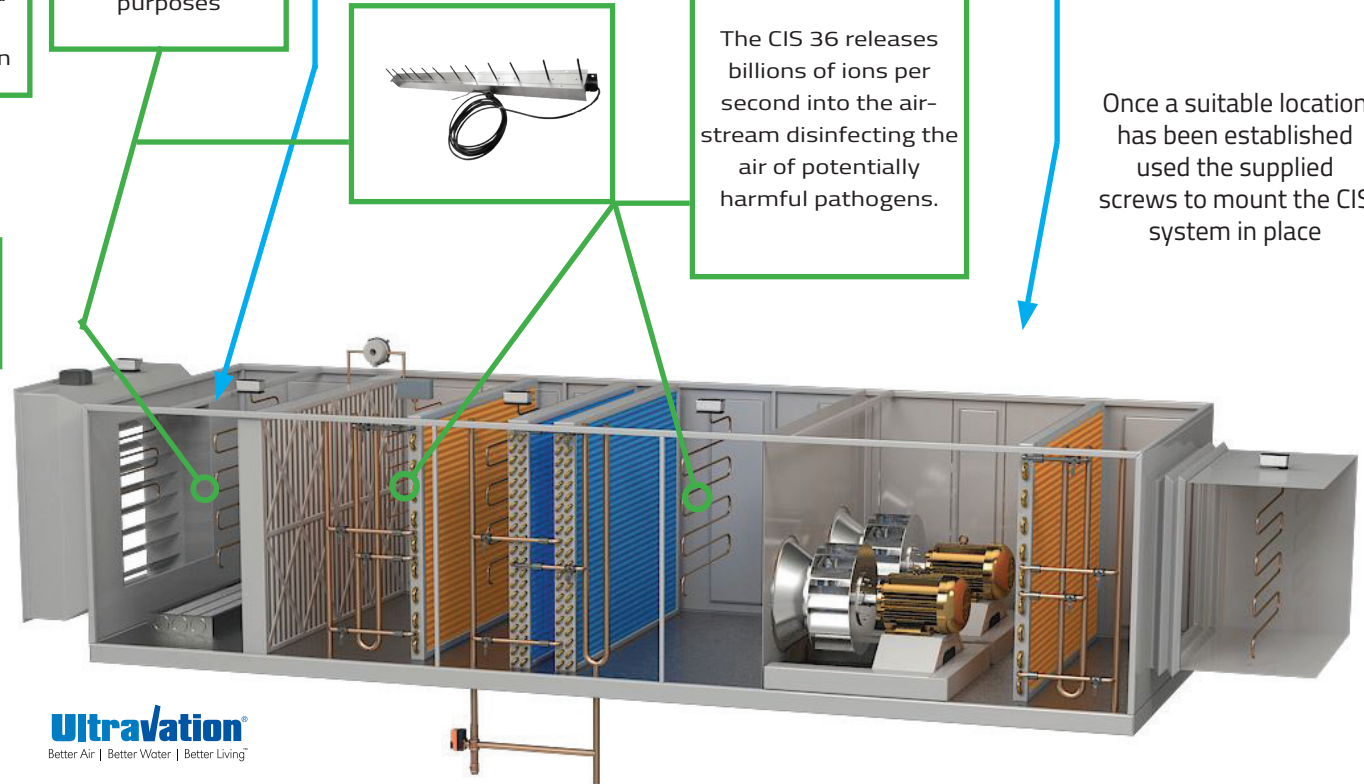
Connect 20 foot power leads to transformer
Reconnect main power the system is active
Notice the operation of the LED on the CIS

Optional VXP racking (sold separately) can be used for any internal mounting, especially in cases where multiple units are used. P/N VXP-120.

AC Leads connect to yellow wires. Polarity does not matter.

The CIS 36 releases billions of ions per second into the air-stream disinfecting the air of potentially harmful pathogens.

Once a suitable location has been established used the supplied screws to mount the CIS system in place



Ultravation
Better Air | Better Water | Better Living™

Determining installation:

The CIS series Ion Generator is uniquely designed to be installed either internally or externally to most HVAC systems. External mounting is typically done when metal return ducting is present. Installing the CIS-36 prior to any system filtration ensures that any charged particulate matter will collect into the HVAC filter. The CIS system may also be installed internally on most furnace and air-conditioning systems. Take all installation and equipment variables into consideration when determining the final installation point.

Using the supplied transformer or recognized equivalent make the appropriate electrical connections note the CIS system operates completely on low voltage 24 Vac ! Do not connect directly to line voltage.