

Maintenance:

Typical maintenance of the UVMatrix ClearCubes system is recommended replacement of the UVC Lamp Module every year.

UV lamps undergo a photochemical process during operation. This slowly reduces the amount of UV light generated to disinfect against airborne pathogens.

The module loses approximately 15% output over 1 year of continual use.

Periodic inspection and washing/ drying of the filter may be required depending on conditions. Rinse under cold water and allow to dry.

Replacement Lamp Log Sheet:

Included with the product is a replacement lamp log sheet. It provided as a label so it can be attached near the installation to ensure lamp replacements are being tracked.

Replacement Lamp Module Part Numbers:

4" PCO Module.....94-408-4

8" PCO Module.....94-408-8

Warranty:

Ultravation warrants this product against any defects in the UVC lamp power supply for a period of 3 years after date of installation (minimum expected lifetime of product within normal operating conditions), with the exception of the ultraviolet lamp, which is warranted for a period of one year after date of installation.

This warranty does not include damage to the unit from accident, misuse or improper installation. If this product should become defective during the warranty period, Ultravation will repair or elect to replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid, 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.

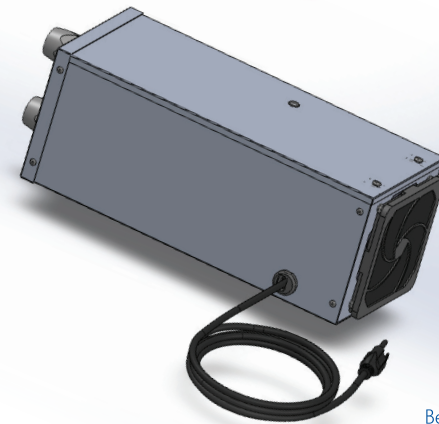
This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. All returns must be accompanied by a return authorization number, which may be obtained by contacting Ultravation, Inc.

Ultravation, Inc.
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DC-OM-CCPCO Rev 1

UVMatrix™ ClearCubes PCO

Active Air Purification to reduce and eliminate biological growth on ice machine components and hardware.



Ultravation®
Better Air | Better Water | Better Living™

Compatible with most major brands and styles



ClearCubes™ Model	Description	Operating Voltage	Module Length
CC-PCO-4-120	PCO Ice Machine Purifier	120v	4"
CC-PCO-8-120	PCO Ice Machine Purifier	120v	8"

Package Contents:

- | | |
|--------------------------------|--------------------------------------|
| 1- Owners manual | 4- Tubing O-rings |
| 1-PCO Ice purifier with module | 2- Stainless tubing mounting plates. |
| 10- Stainless screws | 1- Replacement lamp log sheet |
| 1 - Paper mounting template | 1- Warranty card |

Not Included: 1/2" non metallic Flex tubing.
Quantity varies depending on installation.



Tools Required: Drill with 7/8" hole saw.
Phillips screw driver
Tubing cutter

Recommended: Plastic tarp to cover any ice while cutting.
Vacuum cleaner for drilling debris.
Paper tape for marking and holding tarp.

Safety Precautions:

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

WARNING: UVC Hazard. Always protect eyes from ultraviolet light.
NEVER look at UV lamps in operation.
Unplug or disconnect power before lamp replacement or servicing.

Mechanical Installation Steps:

Determine the entry points for the 1/2 tubing.

Important :

Make sure tubing entry points are higher than the top level of the ICE in the machine.

Tubing may come from the top of the machine or entry from the sides or back.

The PCO oxidizer is lighter than air and naturally rises in the area, this is to ensure all of the upper ice machine components are exposed to the purification process.

It is not necessary to treat the ice once it is in the bed area.



Machines vary slight by size and manufacturer

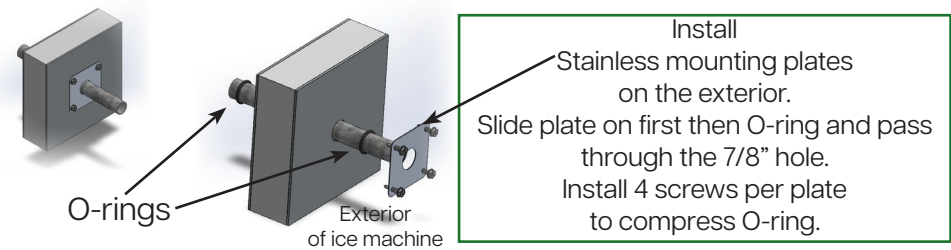
Installation may vary due to installation criteria such as walls, ceiling or service areas.

Mechanical Installation Steps:

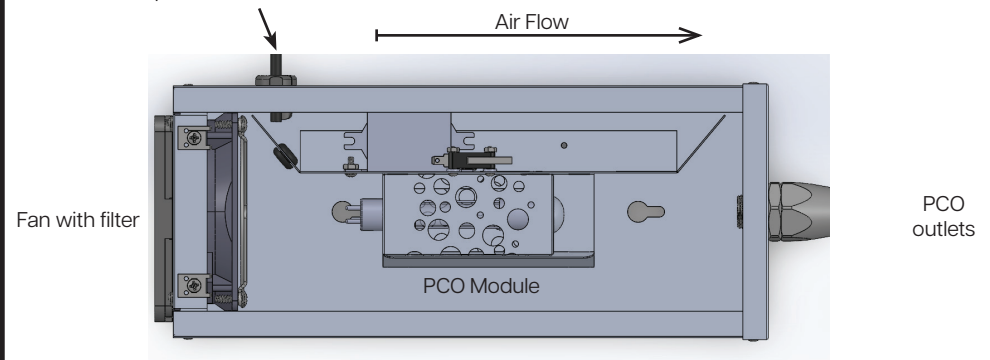


Determine 2 x locations for tubing (not supplied)

Tubing should extend approximately 6 inches inside machine to allow for best flow of the PCO oxidizer. When possible keep tubing lengths equal.



120v power in 6ft cord



Electrical Installation Steps:

The ClearCubes PCO operates at 120VAC 50/60Hz. @1 amp.

1. Connect to a 120 V outlet GFCI is recommended.
2. Operation can be confirmed by viewing the blue glow on the front of the PCO product.
3. Additionally , air movement can be observed at each port while in operation.