

ALPINE-UV-390

UV-C SANITIZING CABINET

A UV sanitizing cabinet designed for inactivating microorganisms. The cabinet uses UV-C and heat to help sanitize items such as PPE and extend its life. The cabinet can also sanitize other items such as tools, clothing and much more.

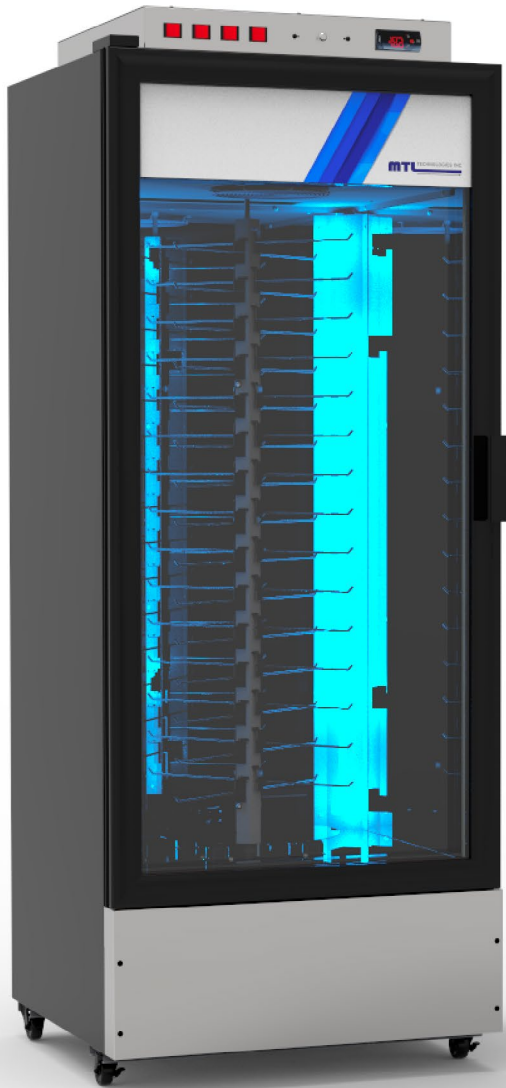


Image above for illustration purposes only

Patent Pending

FEATURES

- Insulated cabinet, high density environmentally friendly polyurethane foam
- Electronic controller To regulate heat
- Electronic Thermometer
- UV-C lighting array
- Reflective Interior to maximize UV dispersion
- Cycle timer
- Door switch to turn off lamps
- Heavy duty castors
- UV safe double glass door
- Air circulation fan
- Pulse width modulated electric heater
- Multi purpose interior racking
- Three position switch to allow UV Light operation only / OFF/ UV Light and heating operation
- Easy to use and short cycle times

EXT. DIMENSIONS

W 28" X D 27" X H 73"

INT. DIMENSIONS

W 24.5" X D 18" X H 49"

CAPACITY

13.7 ft³ / 390 L

CORD LENGTH

9 ft



MADE IN
NORTH AMERICA

ELECTRICAL



Voltage 115/60/1***
Amps 13

***Requires a connection to a 115v/60hz single phase 20 amp dedicated line with a Nema 5-15R receptacle.

NEMA CONFIGURATION



5-15P

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The **ALPINE-UV-390** is a self-contained insulated cabinet with a capacity of **13.7 cubic feet** designed to reduce the risk of spreading diseases and bacteria. Each cabinet has **four 15-watt UV-C (UVGI) lights** with an output of **254 nanometers**. The interior is constructed of reflective stainless steel to maximize the dispersion of the UV light. An interior pedestal rotates to ensure the probability that the UV light hits every surface of the items to be sanitized and to minimize shadowing. The ALPINE-UV-390 also uses heat as a secondary measure to **help kill bacteria**. The UVC and heat can be used independently or together.

The dosing cycle is controlled automatically by a programable timer to reach recommended dosing levels in the required time.

UV rays can be harmful to humans and therefore the cabinet has a **UV safe double glass door** with a safety switch ensuring that the lights cannot operate when the door is opened.



UV-C Sanitation has been used in water and air purification systems for years. The health care industry has recently begun using UV-C lights to sanitize entire rooms. The Metropolitan Transportation Authority in New York city is now even testing it to sanitize

subway cars. UV-A and UV-B lights are commonly used in public applications such as tanning beds and thematic lighting. UV-C is more potent than UV-A or B and is being used in more specialized applications. It has been shown to **inactivate 99.9% of germs, bacteria, viruses and other pathogens**. High doses of UV-C damages the RNA and DNA of viruses preventing them from replicating.

The CDC has issued a guide on the use of UVGI in regards to the reuse of filtering facepiece respirators and confirmed the UVGI is effective at **killing 99.9% of viruses and bacteria** with the proper dose.

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/decontamination-reuse-respirators.html>

The unit is not intended for recycling equipment, but rather a maintenance procedure that **extends the life of personal protective equipment**.

Safety guidelines must always be followed when operating the cabinet.

Here is a list of recommended uses for the cabinet:

- Cellular phones
- Face shields
- Tools
- Clothing
- Price scanners
- Face masks.
- Personal items like keys, eye glasses, pens, credit cards, etc

