



# ClorDiSys



# Torch Aire™

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# Torch Aire- Mega™

Torch Aire-Mega™ is a portable room air disinfection system. Since the UV-C bulbs are enclosed, the Torch Aire-Mega™ can be utilized in an occupied area. When in operation, air is drawn into the fixture through the four louvered filter panels which are located around the base of the fixture. The air then passes into the exposure chamber where it flows over twelve UV-C bulbs and is disinfected. The air then leaves through the louvered exhaust panel that is located on the top of the fixture. This design prevents UV-C exposure by restricting light from passing into the occupied room, making it safe for people to be in the room at all times.

Torch Aire-Mega™ is constructed of stainless steel and has a highly polished interior for optimal reflectivity. The maximum treatment capacity is 120,000 cubic feet per hour, allowing for large spaces to have a sufficient amount of air exchanges to have continually disinfected air.



## SPECIFICATIONS

Model	Nominal Model Capacity (cubic feet / minute) ①	Dimensions			Electrical Requirements* (amps) ②	Max. Room Size Treated at 3 Room Air Changes/Hour (cubic feet)	Max. Room Size Treated at 6 Room Air Changes/Hour (cubic feet)	Max. Treatment Capacity (cubic feet / hour)
		Length	Width	Height				
RSM2680	2000	32"	30"	78-3/4"	11.00	40,000	20,000	120,000

① Model capacity incorporates an estimated allowance for airflow friction loss across filter and model.

② Information listed refers to 120 Volt 60 Hz models. Contact factory for specifics on other voltages.

\* Consult factory with specific power requirements.

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# Torch Aire- Mega™

The Torch Aire- Mega™ is a UV-C disinfection device for room air to help eliminate any airborne virus, bacteria, and spores. The unit pulls in air, passes it through the concealed UV-C bulbs, and effectively disinfects it. This unit allows for people to be present in the room while it is operating. This is a tremendously high capacity unit has the ability to treat up to 120,000 cubic feet per hour.

## UV-C Lamps

Lamps are instant starting and provide the best in quality, sustained output, and longevity.

## Ballasts

State-of-the-art electronic ballasts specifically developed for the operation of ultraviolet lamps. Versatile ballasts provide high lamp output; are lightweight, efficient, and operate cool for longer life.

## Lampholders

Set includes a stationary and a spring-loaded, telescopic holder that holds a single pin lamp securely. The spring-loaded feature on one end facilitates convenient, quick and easy lamp changes.

## Interlock Safety Switch

The interlock safety switch is a standard feature that disconnects power to the model when the access panel is unhinged for lamp or filter replacement (located under the cover).

## Polished Reflector

Interior surface is polished to provide a highly reflective surface to maximize ultraviolet intensity within the chamber.



## Lamp Operation Indicators

(LEDs) Provide positive indication of each germicidal lamp's operation.

## Stainless Steel Enclosure

Manufactured in Type 304 stainless steel for unparalleled strength, durability, and an attractive finish.

## Promate™ Disposable Filters

Cost effective, disposable filters for frequent filter changes.

## Differential Air Pressure Gauge

Used to measure filter resistance by measuring the pressure differential between outside (the fixture) air and the pressure in the blower compartment helping to indicate when filter replacement is required.

## 3-Position Power Switch

Power to the fixture is controlled by a three position key switch. In the "BLOWER ONLY" position, power is supplied to just the blower and no power is supplied to the germicidal lamps. In the "LAMPS & BLOWER" position, power is supplied to both the blower and the germicidal lamps.

## Louvered Exhaust Panel

Protects the room's occupants from ultraviolet exposure by restricting ultraviolet radiation from passing into the room.



## Promate™ Particulate Filter

Washable Electrostatic Filter

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# Torch Aire- Recessed™



Torch Aire-Recessed™ is an ultraviolet light room air disinfection unit. Torch Aire-Recessed™ is designed to help eliminate airborne microbes, particularly in crowded or poorly ventilated areas, and in situations where the risk of cross contamination is high. Torch Aire-Recessed™ is easily mounted in a ceiling and fits especially well within a drop ceiling format. Torch Aire-Recessed™ pulls air inward and allows for enclosed UV-C bulbs to disinfect the air that passes over the bulbs. Torch Aire-Recessed™ is constructed of stainless steel with a reflective aluminum exposure chamber.

## SPECIFICATIONS

Model	Nominal Model Capacity (cubic feet / minute) ①	Dimensions			Electrical Requirements* (amps) ②	Max. Room Size Treated at 3 Room Air Changes/Hour (cubic feet)	Max. Room Size Treated at 6 Room Air Changes/Hour (cubic feet)	Max. Treatment Capacity (cubic feet / hour)
		Length	Width	Height				
RSCS280A	210	46-5/8"	22-1/8"	9-7/16"	4.2	4,200	2,100	12,600

① Model capacity incorporates an estimated allowance for airflow friction loss across filter and model.

② Information listed refers to 120 Volt 60 Hz models. Contact factory for specifics on other voltages.

\* Consult factory with specific power requirements.

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# Torch Aire- Recessed™

The Torch Aire- Recessed™ is a UV-C disinfection device for room air to help eliminate any airborne virus, bacteria, and spores. The unit pulls in air, passes it through the concealed UV-C bulbs, and effectively disinfects it. This unit allows for people to be present in the room while it is operating and fits well into established drop ceilings.

## Germicidal Ultraviolet Lamps

Lamps are instant starting and provide the best in quality, sustained output, and longevity.

## Ballasts

State-of-the-art electronic ballasts specifically developed for the operation of ultraviolet lamps. Versatile ballasts provide high lamp output; are lightweight, efficient, and operate cool for longer life.

## Lamp Operation Indicators

(LEDs) Provide positive indication of each germicidal lamp operation.

## Stainless Steel Enclosure

Manufactured in Type 304 stainless steel for unparalleled strength, durability, and an attractive finish.

## Lampholders

Set includes a stationary holder that holds a four pin lamp securely.

## Louvered Exhaust Panel

Protects the room's occupants from ultraviolet exposure by restricting UV-C light from passing into the room.

## Polished Reflector

Interior surface is polished providing a highly reflective surface to maximize ultraviolet intensity within the chamber.

## Interlock Safety Switch

The interlock safety switch is a standard feature that disconnects power to the model when the access panel is unhinged for lamp or filter replacement (located under the cover).



## Promate™ Particulate Filter

Washable Electrostatic Filter

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**The Torch Aire™ family of UV-C disinfection products offer a way to safely eliminate harmful airborne bacteria, viruses, and spores. The technology is efficient, chemical-free, and effective. Designed and engineered not only to destroy harmful organisms, but to do so while running in the presence of people thanks to concealed UV-C bulbs.**

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