



UV BIOCLEAN
UV-C Tower T8K

T8K



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Lab tested by a leading European university, the observed pathogen reduction rate of the UV-C Tower T8K proved both effective and rapid within minutes: a key component in a layered strategy to combat treatment-resistant pathogens including COVID-19, C. difficile, and MRSA.*

Benefits of UV BIOCLEAN UV-C Tower T8K

- Powerful, ozone-free, 360° room coverage.
- Rugged commercial HMI touch screen computer with software applications developed in partnership with Eaton.
- Outstanding safety features designed to protect users from harmful UV-C light.
- 360° wheels with ease of movement and locking ability.
- Limited Manufacturer's Warranty.
- Ongoing product support options available for custom set up, training, software and maintenance service, plus cloud-based remote data access.
- User-friendly interface with easy to use applications such as:
 - Disinfection tracking by room and by user.
 - Room-based run time customization.
 - Disinfection interruption warnings and notifications.
 - Fluorescent tube maintenance monitoring.
 - Administrator and operator user identifications with passcodes to restrict access.
 - Safety start up warning and count down to disinfection.
 - Hard drive and USB data storage.



Product Certification



Typical Applications:



Credible

The T8K's effectiveness has been independently confirmed by reputable universities in Canada and Poland.



Trusted by Eaton

The T8K is powered by Eaton: a long established and globally respected electrical company.



Reliable

The T8K is designed and manufactured in Europe using top quality components.



Versatile

The T8K is suited to both large and small spaces in many different industries and applications.

Top Product Features

Four independent **PIR motion sensors** for safety shutdown

Powerful **1160 Watt** disinfection

Restricted user **passcode protection**

Easy access **USB data port** for information analysis and storage*



Phillips UV-C fluorescent tubes with shatter resistant safety encapsulation

Commercial HMI **touch screen computer** by Eaton

Powered by **Eaton controller**

360° medical grade wheels for easy movement and safety locks for secure storage

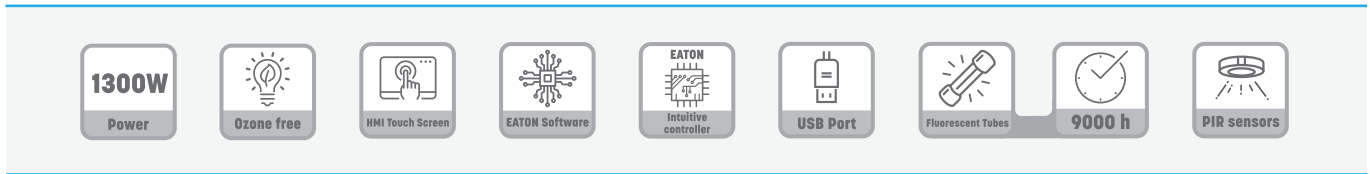
* see page 3 for details

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Specifications at a Glance

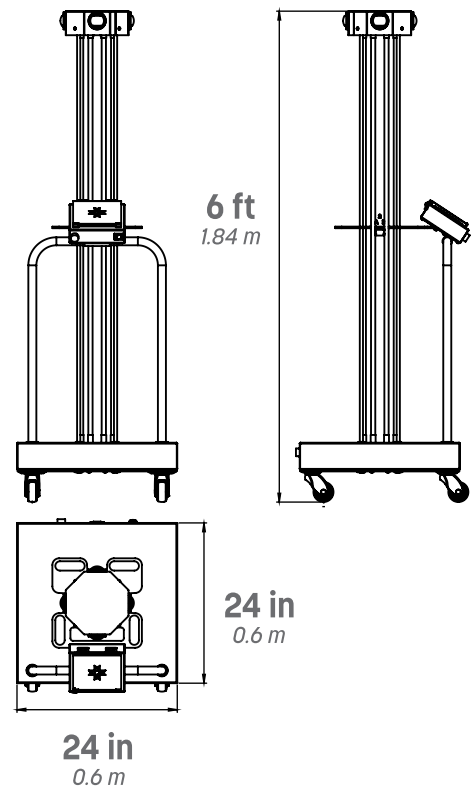


Specifications

	Device power Disinf. power	1300W 1160W
	Voltage	100-240V AC 50-60 Hz - US 230V 50Hz - EU
	UV-C Fluorescent tube	8 x 145 W Philips UV-C fluorescent tubes with shatter resistant safety encapsulation.
	UV-C Fluorescent tube lifespan	9,000 hours
	E•T•N Computer	5.7" Commercial HMI Touch Screen
	E•T•N Controller	The latest technology, small and feature rich.
	PIR Sensors	4 independent PIR motion sensors for maximum protection.
	Power cord	16 ft (5 m) reliable, durable power cord.
	Wheels	4 medical grade wheels for easy maneuverability
	Material	Light weight, solid construction made of stainless steel and aluminum. UV-C resistant paint coating.
	Safe and easy movement	Ergonomically positioned grab handrail for safe and easy movement.
	Protection class	IP34
	Safety	Activation delay, Audible pulse alarm when occupancy detected, PIN code access and time selection through HMI.
	UV Tower set contains	Instruction manual, Dosage Coverage Confirmation stickers, Warning door knob hanger, Warning A-board sign.

Software developed in partnership with **E•T•N**

- Real time disinfection tracking by room and by user.
- Room-based run time customization.
- Disinfection interruption warnings and notifications.
- Fluorescent tube maintenance monitoring.
- Administrator and operator user identifications with passcodes to restrict access.
- Safety start up warning and count down to disinfection.



87 lbs Weight	39.5 kg Weight	24 inches Width	24 inches Depth	6 feet Height
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Device Positioning

Each device comes with dosage confirmation stickers for optimal set up. Alternatively, the UV BIOCLEAN Customizable Set Up Feature provides digital UV-C dosage modeling and optional on site assessments.



	3 ft (0.9 m)	6 ft (1.8 m)	9 ft (2.7 m)	12 ft (3.6 m)
	400%	100%	44%	25%
SARS Cov-2	12 s	22 s	32 s	50 s
MRSA	16 s	31 s	48 s	1 m 10 s
C. Difficile	50 s	2 m 2 s	3 m 48 s	5 m 20 s

Energy to Distance

The table above shows the run times needed for the targeted pathogen reduction at the distance from the T8K tower. The results were obtained by measuring the power of UV-C light at specific distances. The power in [mW / cm²] multiplied by the time unit [s] makes it possible to calculate the radiation dose in [mJ / cm²].

Based on testing carried out at and reported by the Jagiellonian University, Department of Microbiology, Krakow

The UV-C Tower T8K was lab tested by the Department of Microbiology at the Jagiellonian University, Krakow.

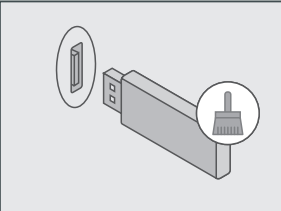
The UV-C Tower T8K was studied in conditions far exceeding the environmental contamination of hospital wards in real conditions (suspensions of microorganisms with densities of 1-6.4E+6 CFU/ml cultured in growth medium).


The observed reduction rate of 100% in the majority of measurements performed at a time of 5 minutes confirms the high efficiency of the device in surface disinfection.

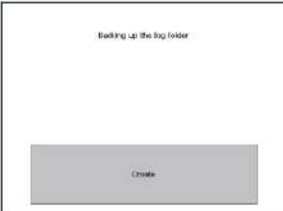
The UV-C Tower T8K was confirmed during testing to be highly efficient when used to eliminate bacteria and fungi.

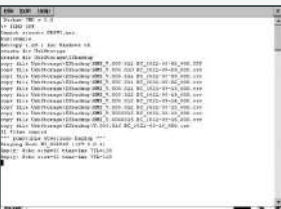
* Report issued June 21, 2021 by Medical College, Department of Microbiology, Jagiellonian University, Krakow.


Collecting the data on a dedicated USB memory stick and reading the data about the disinfection processes carried out by the T8K towers.


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STEP 1: Please visit www.uvbioclean.com or email sales@uvbioclean.com to format a dedicated USB memory stick to collect usage data.
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STEP 2: Insert the formatted USB memory stick into the USB port.
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STEP 3: A window for copying usage data will appear. Touch "create" to create a copy of the usage data.
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STEP 4: The process of copying the data will be visible on the HMI Touch Screen.
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STEP 5: When the process is complete, the main screen will reappear. Please remove the USB memory stick.
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STEP 6: Before first use of the USB memory stick on your computer, download the dedicated software from www.uvbioclean.com to your computer. When this is complete, insert the USB memory stick to retrieve the usage data from the UV-C Tower. Data collected during Tower use will now be available to view.