

GreensGroomer®
WORLDWIDE

miniZAPR
portable UVC sanitation

greensgroomer.com





LEADERS IN INNOVATION

In 2011, GreensGroomer WorldWide introduced a new solution for sports turf sanitation with the GreenZapr™ and miniZapr™. As a manufacturer of maintenance equipment for natural and synthetic turf, GreensGroomer has been at the forefront of innovation since its founding in 1996.

After launching the two Germicidal UVC units, GreensGroomer has recognized the need for truly mobile and affordable sanitation solutions for the broader institutional market, including sports/fitness facilities, foodservice operations, critical care units, and assisted living complexes. The miniZapr provides effective control over harmful pathogens by delivering an easy-touse, cost-effective solution.

POWERFUL UVC KILLS PATHOGENS

Built around germicidal ultraviolet (UVC) lights, the miniZapr disinfects surfaces with powerful exposure, instantly destroying harmful micro-organisms. From viruses such as Hepatitis, HIV, and Influenza to bacteria such as MRSA, E-Coli, Salmonella, and Staph, the miniZapr creates the ultimate benchmark for institutional safety.

In some circles, germicidal UVC is a new technology. Few know that it has been used by many other industries that now rely on it for sanitation. Developed heavily in the 1920s, UVC technology is now the primary solution when combating micro-organisms. Air, water, and foods are treated every day across the US to secure these important supplies safely and economically.

18" WIDE AND 36" WIDE MODELS

The miniZapr is available in two models, 18" and 36" wide. Both models have a base unit or floor module and a handheld wand. Our solution makes it possible to have true mobility in an athletic setting.

For UVC light intensity we chose to employ a powerful reflector modules each with 8 proprietary, high energy UVC bulbs. The unit can be powered by an on-board generator (outdoor use) or through a standard 110v wall outlet (with a 50 foot power cord).

HANDHELD WAND FOR HIGH-USE SURFACES

The powerful, 2-bulb wand is an important compliment to the floor module and allows for easy treatment of high-use, high-risk surfaces.



THE BASICS OF GERMICIDAL UVC

For some, understanding the effectiveness of UVC technology is a little complicated. In the simplest terms, UVC energy destroys the DNA bonds of the organism which results in the inactivation of the virus or bacteria.

The main considerations for the effectiveness of UVC inactivation are lamp intensity and exposure time. Lamp intensity is a function of the bulbs radiant energy and the distance from the surface. Once an intensity factor is established it is simple to determine how long the surface needs to be exposed.

To achieve a significant reduction in the micro-organisms present, one must target an energy dosage of over 6,000 mJ/cm² or greater. We've designed the miniZapr's Peak Intensity of 5,560 and 11,125 with a 2 1/2 inch lamp distance to the surface (handheld wand and base module, respectively).

PUTTING UVC TO WORK

The day has arrived when facilities can effectively treat surfaces without the use of harmful chemicals. Facility Managers or janitorial staffs can now address the risks of MRSA, HIV, H1N1, and SARS for all surfaces and do so in the most cost effective manner possible. Designed by GreensGroomer

WorldWide® the miniZapr® uses the power of UVC technology to destroy harmful germs inherent in many institutional settings. The ineffectiveness of current sanitation techniques makes it difficult to know with any certainty whether or not you have minimized the risk of harm.

The miniZapr makes a continual sanitation strategy possible and avoids the high cost, repetitive chemical treatments. Over the long haul, the fiscal argument is clear — not to mention ultimate safety is addressed with such a simple, proven solution.



PRODUCT BACKGROUND

We design and fabricate our equipment with an eye towards indestructibility. We know that equipment can take a real beating, so the structural elements and materials are specified for maximum strength and longevity in mind. Our parts are quickly obtained through our dealer network or directly from GreensGroomer WorldWide, Inc.

PRODUCT SERVICE & SUPPORT

All GreensGroomer equipment is fabricated and assembled in Indianapolis Indiana with high-quality materials and procedures from experienced craftsmen and personnel. Our equipment is prepped and crated for quick order processing and shipment. With a central domestic location, we can minimize freight across the US and have international shipments prepared for containers on both coasts.

Distribution is handled by a global network of dealers, ready to serve your equipment needs. Should you have any product questions or require parts for your existing GreensGroomer equipment, don't hesitate to contact our Customer Service Department at 888-298-8852.



SPECIFICATIONS

Model	860	960
Main Frame	12 ga steel	
Handlebar	One piece 1 inch round tube with height adjustment	
Length	31.5 inches	38.0 inches
Width	19 inches	48 inches
Weight	105 lbs.	205 lbs.
Running Gear	4 pneumatic tires (280/250-4) Ribbed 4-ply with bearings	4 pneumatic tires (280/250-4) Ribbed 4-ply with bearings, front gear with 360 degree swivel casters
Base Light Modules	1 Static 8 UVC bulb module w/ LED indicators and hour meter	
UVC Bulbs	Handheld 2 @ 5.3 watt slim line, hard quartz glass lamp envelope with FEP shatter-proof coating and waterproof sure seal lamp socket connection - 13" length 32" length (960)	
Handheld Light Module	1 Detachable 2 UVC bulb module w/ 25' power cord	
UVC Bulbs	Handheld 2 @ 5.3 watt slim line, hard quartz glass lamp envelope with FEP shatter-proof coating and waterproof sure seal lamp socket connection - 13" length	
Power Source	1000 watt Honda gas generator or 50' cord for use with standard wall outlet	
Finish	Powder coat with 6-step pre-wash including degreaser and anti rust coating	
Shipping Crate	46" x 30" x 23"	46" x 40" x 25.5"
Crated Weight	170 lbs.	270 lbs.