

NEMESIS™

THE ENEMY OF ALL PATHOGENS™

GOLF TREK™

Disinfection Tunnel



SPECIFICATIONS

DESCRIPTION

Disinfecting large, commonly used items is a difficult yet necessary challenge to overcome. Chemicals can be ineffective and leave behind residue or degrade surfaces over time. The Typhon™ Golf Trek™ provides reliable, efficient disinfection for golf-carts, shopping carts, freight and other similarly sized items, without the use of chemicals. Custom disinfection tunnels can even be created to disinfect large objects such as motor vehicles.*

CONSTRUCTION

Inside the Golf Trek™ are ideally placed Typhon™ fixtures. Each Typhon™ uses 3 high output 55W 254 nm radiators for ultra-fast disinfection. Electro-polished reflector system placed in each Typhon™ provides for maximum reflectance. Front and rear pass through doors for entry and exit of shopping carts. The Golf Trek™ is an easy to assemble, standalone system.

CONTROL

The Golf Trek™ is controlled through a keypad located on the unit.

SAFEGUARDS

Safeguards including occupancy sensors, door sensors, and ADA compliant audible/visual alerts prevent the Golf Trek™ from operating while occupied.

LISTINGS

All Nemesis™ units are built and registered in our EPA™ registered facility #99690. Proudly designed, sold and manufactured in the USA.

UV-C RADIATORS

55W HO radiators emit 55 watts each of powerful 254nm UV-C output, each with a useful life of 9000 hours.

WARRANTY

(1) Year 'typical' limited factory warranty included. Extended warranty duration and terms are available upon separate agreement.



EPA Facility #99690-TX-1 EPA Region: 06



BUY AMERICAN



ORDERING INFORMATION

Example: NGC-16-120-COL-2ED

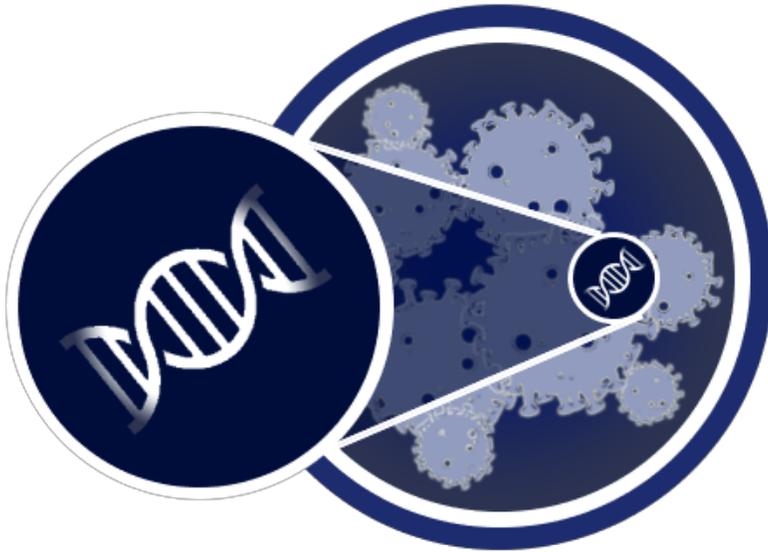
SERIES		LENGTH		VOLTAGE		OPTIONS	
NGC	Nemesis Golf Cart Trek	08	8' Length	120	120V	COL	Custom Color
		##	Custom Length (in 8ft sections)	277	277V	CBR	Custom Branding
						CON	Conveyor System
						2ED	Second Electric Door

*For custom Trek sizes, contact factory.

UV-C DISINFECTION INFORMATION

- UV-C has been a proven disinfectant for over 70 years, and has been used extensively for the past 40 years in various applications
- UV-C light has the ability to inactivate pathogens (both viruses and bacteria) by impacting the cellular RNA and DNA, damaging nucleic acids, and preventing microorganisms from infecting and reproducing.
- UV-C light is invisible to the human eye, though our 254nm radiators contain a fluorescent phosphorous additive that illuminates visible light to ensure you know that the radiator is functional
- 254nm UV-C has been proven to be the optimal wavelength to inactivate pathogens
- Disinfection effectiveness is determined by exposure time and exposure dosage
- UV-C has been proven to be an extremely effective air and surface disinfectant
- UV-C disinfects and inactivates bacteria and viruses fast
- UV-C light can potentially pose a safety/health hazard to the skin and eyes. The Nemesis UV-C series is built with safeguards to ensure the room is unoccupied while direct UV-C radiators.

How does UV-C destroy microorganisms?



Short-wavelength ultraviolet irradiation kills or inactivates microorganisms by destroying nucleic acids and disrupting their DNA. This leaves the microorganisms unable to perform vital cellular functions, such as infecting and reproducing. The effectiveness of UV-C disinfection depends on the intensity of the radiation, as well as the length of time a microorganism is exposed to the short-wavelength irradiation.