



# DEL<sup>UV-C</sup>50

TARGETED GERMICIDAL UV-C TECHNOLOGY



HIGH FLOW RATE DESIGN

DESTROYS HARMFUL CONTAMINANTS

TREATS POOLS UP TO 50,000 GALLONS

**CMP** POOL PRODUCTS

[c-m-p.com/DEL](http://c-m-p.com/DEL)

# DEL:UV-C50

Introducing the first UV-C sanitizer system from DEL. The UV-C 50 is a high flow unit designed for easy single-unit installation, reliability and serviceability.

- GERMICIDAL UV-C TECHNOLOGY
- HIGH FLOW RATES UP TO 100 GPM
- TREATS POOLS UP TO 50,000 GALLONS

## CONVENIENT SELF-CONTAINED SYSTEM

The 100 GPM high flow housing can treat pools up to 50,000 gallons. One UV-C unit is large enough for most residential pools, and does not require a "de-gas" unit or injector manifolds.

## VENTILATED GLOW RING

The integrated glow ring allows for safe, visual confirmation that the UV lamps are working. The built-in ventilation allows air in and keeps moisture out, protecting the ballast.

## UNIVERSAL VOLTAGE

The energy efficient electronic ballast can operate at 120 or 240 Volts. Integrated fault protection prevents start-up if a lamp problem is detected.

## PRODUCT DETAILS

- Cover-mounted green LED light indicates unit has power and is turned on
- Integrated cover interlock cuts power when the cover is removed
- Built-in valve for easy draining or winterization, with an endcap internally designed to ensure complete drainage
- Pre-heat ballast design extends the lamp life
- Heat shield protects the cover from ballast heat, secures lamp connections and protects from moisture
- Compatible for combination with DEL ozone units for Advanced Oxidation Process (AOP)

## ORDERING GUIDE



CMP P/N	DESCRIPTION
EUV-01-01	DEL UV-C 50

DEL UV-C 50 FORMERLY SOLD AS ECLIPSE UV



# UV-C SAFELY & EFFECTIVELY DISINFECTS POOL WATER

## THE ADVANTAGES OF UV-C

With the use of UV-C microorganisms are destroyed, chloramines are broken down, chlorine dependence is significantly reduced, and water clarity is optimized to produce crystal clear results.

- Destroys harmful contaminants
- Inactivates *Cryptosporidium*, *Giardia* and other chlorine resistant microorganisms
- Dramatically reduces chemical demand and increases effectiveness of residual sanitizers
- Eliminates chemical odors, irritation and damage to pool systems

## THE SCIENCE OF UV-C

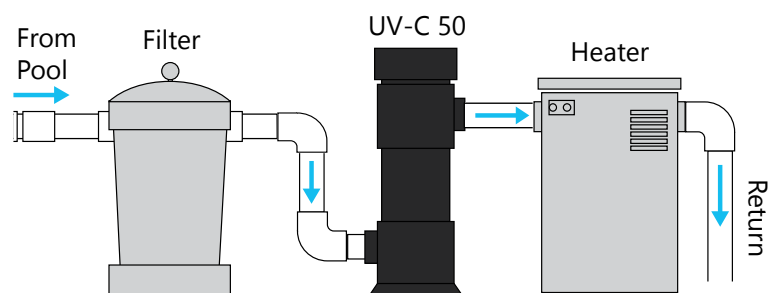
The UV-C 50 lamp emits safe, high intensity light rays tuned to germicidal 254 nanometers. Using natural rays of light, UV-C breaks apart the DNA and RNA of microorganisms, harmful bacteria, viruses, cysts and protozoa. This inactivates the contaminants to leave water safe and sanitized. UV-C does not create ozone. The highly concentrated electromagnetic energy also destroys organic matter—like urine and sweat—to eliminate the formation of harmful chlorine by-products.



## SPECIFICATIONS

POWER	100-240 VAC, 50-60Hz, 0.6 Amps
DIMENSIONS	11.5" Diameter × 33.8" Height
ENCLOSURE RATING	NEMA 3
LAMPS	Two 540mm, 58 Watt UV-C Lamps
LAMP INTENSITY	30 mJ/cm <sup>2</sup>
LAMP LIFE	13,000 Hours
PRESSURE	50 psi <input type="checkbox"/>
FLOW	100 GPM
REGULATORY	UL Classified - US & Canada

## INSTALLATION DIAGRAM



All DEL products are quality certified through a multi-step process to ensure seamless operation and complete customer satisfaction.



DEL products from CMP are environmentally friendly, reduce dependence on chemicals and are safe for every pool.



## DESIGNING A SAFE MODERN POOL

Technology has come a long way, and so have pool sanitizers. By combining the best available technologies, every pool can be crystal clear and absolutely safe.

## DESTROY CHEMICAL RESISTANT BACTERIA

Some of the most dangerous pool contaminants are also resistant to chlorine and other chemicals. Harmful organisms such as *Cryptosporidium* require long term exposure to high chlorine levels to be destroyed. UV-C inactivates these types of contaminants for a safer pool.

## WORK WITH YOUR RESIDUAL FOR THE BEST PERFORMANCE

Chlorine and other chemicals are good at keeping pool water actively safe even when the pump is off. UV-C sanitizes contaminants, breaks down chloramines and creates more comfortable water. Working together, a residual sanitizer and UV-C create a complete modern pool system.

## REDUCE CHEMICAL DEMAND

By allowing UV-C to work at quickly inactivating organic compounds, chlorine is free to work better. This reduces the chemical demand and greatly reduces the amount of chemicals that have to be added to the water. UV-C is also a "clean" technology. The only active disinfectants are rays of light - no gases or oxidants are added to the water

**DEL:UV-C** + **POWERclean**  
**ULTRAVS**

Combine Powerful UV-C Sanitizing With The First Chlorinator Designed For Variable Speed

**CMP** everything matters.



**Ultraviolet Systems Inc.**

The Healthiest Choice for Water Sanitation

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