

8.3 BILLION LITERS OF CLEAN WATER A DAY FOR THE BIG APPLE

Nedap | World leader in UV lamp driver technology
Electronic Lamp Drivers for Low Pressure Lamps up to 800W



CASE STUDY | **UV DRINKING WATER PLANT, NEW YORK CITY**

Nedap supplied the lamp drivers for the largest UV drinking water purification plant for New York City, the biggest one ever built. The plant can supply 8.3 billion liters of clean water to the more than 9 million inhabitants of New York and environs.

POWERED BY NEDAP

The water is supplied from the Catskill / Delaware reservoirs 160 km from the city of New York. The gigantic, hyper-modern purification plant uses more than 5500 UV Nedap lamp drivers to purify the water.

The decision to opt for Nedap was preceded by a thorough selection procedure that took account of key factors like the proven reliability, efficiency, multifunctionality and flexibility of the Nedap proposition.

UVineo

The best solution in UV Disinfection

REDUCE CO² WITH NEDAP

In the end, the decisive factor was our approach to energy consumption, especially our low-energy solution. This not only saves a great deal of money, but no less importantly, also reduces CO² emissions, emphasizing Nedap's focus on innovative solutions that are kinder to the environment.

WORLDWIDE LEADING

All over the world there is awareness that clean drinking water is likely to become a scarce resource. New technology will help to increase production and to make the underlying processes more efficient at the same time.

Nedap, the world leader of UV lamp driver technology, has many projects all over the world. Our arguments of saving energy, proven reliability, efficiency, flexibility and multifunctionality work all over the world.



Water purification plant for New York City



9 of the 56 UV reactors are installed. Every reactor will hold 210 UV lamps

A clear choice for Nedap

- Reliable** *Over 1.5 Mln Electronic Lamp Drivers have been sold. The Nedap technology is UL / cUL and CE certified*
- Efficient** *Less installation space required for Nedap's technical platform*
- Multifunctional** *Embedded software for system data reporting and for UV lamp dimming down to 30% and beyond*
- Energy saving** *Lower energy consumption with Nedap lamp driver and dimming functionality*
- Reduction of carbon footprint**

Full control with Nedap software

Dedicated Nedap software can be used by engineers to test the electronic platform and to fine tune the UV lamp settings in relation to the required UV levels. The embedded software has a diagnose functionality to report about lamp status, lamp failure, lamp driver temperature and other system operations. A perfect solution to improve the implementation processes and to reduce installation costs and time.



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