

New UV Technology for water purification at POD PureRelease

Instant purification for any water dispenser



USHIO's PureRelease is the new standard in the industry for disinfection solutions in drink/water dispensers, providing clean water in an instant, independent of water temperature.

PureRelease solutions have been designed to make it easier for OEM's to integrate disinfection as close as possible to the dispensing outlet, disinfecting water just before it's served.

Whether you are designing dispensers with an in-line system mounted inside the purifier or a point-of-dispense system fitted outside the purifier, the major benefits of integrating PureRelease into your equipment are:

- ◆ Peace of mind: has all the relevant approvals required for use in water purifiers.
- ◆ Design freedom and versatility: very compact, so it can be built into systems with limited space. Can be used in gravity systems due to very limited pressure drop.
- ◆ Energy efficient: power is consumed only when in use (helps to fulfill Energy Star requirements).
- ◆ Simple controls: easy on/off switch; easy to interact with control board of the purifier; electrical signal flags end of life or failure.
- ◆ Temperature independent: effective disinfection in cold or hot water applications.

Why your customers will love it

PureRelease switches on immediately when the water starts flowing and operates at full power within a fraction of a second to give instant disinfection. This ensures that the water is cleaned at the moment it is dispensed.

Develop together with USHIO

USHIO is a partner that listens to your ideas and requirements. Let us optimise your processes according to your specifications

and expectations. Use our expertise to develop a tailor-made solution together that matches your needs.

Here are some more reasons:

- ◆ Freshness: cold water stays cold.
- ◆ Worry-free: PureRelease is designed to disinfect 10,000 liters of water and will signal when replacement is required.
- ◆ Almost zero energy cost: only switches on when water is flowing, so energy costs are around 40 cents for 10,000 liter! (calculated at 0.20 EUR kWh).
- ◆ A sustainable choice: contains no mercury, and fulfills ROHS requirements.
- ◆ Reliable disinfection: PureRelease has been designed to continuously exceed the minimum required disinfection level as agreed with the customer. During production there is a stringent quality control, to ensure that all products meet their requirements.

PureRelease features:

- ◆ Input voltage: 9V DC
- ◆ System Power: 21 – 27W
- ◆ Water flow of up to 4 liter/minute
- ◆ Treatment capacity: 5000 liter up to 15000 liter of water depending on water quality, flow rate and required disinfection performance
- ◆ Different connections to water possible
- ◆ With or without a use of a cooling plate
- ◆ Water is dispensed directly out of PureRelease

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Intended use: Specifically designed and exclusively approved for use in industrial applications that require a particularly high UV output

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