

MIURA CO., LTD.

Issued March 24, 2026

Orders Begin for Mercury-free UV-LED Water Sterilization Equipment Capable of Treating an Industry-leading High Treated Water Flow Rate of 25 m³/h!

Industrial boiler manufacturer MIURA CO., LTD. (Tokyo Head Office: Minato-ku, Tokyo; President & CEO: Tsuyoshi Yoneda; hereinafter referred to as “MIURA”) will begin offering a new model of mercury-free UV-LED water sterilization equipment using UV-LEDs*1 developed by NICHIA CORPORATION (Head Office: Anan City, Tokushima, President & CEO: Hiroyoshi Ogawa) achieving an industry-leading*2 high treated flow rate of 25 m³/h starting April 1, 2026.

This product was announced in the October 28, 2025, news release, which stated that development of a new model capable of achieving an industry-leading high treated flow rate of 25 m³/h had been successfully completed and that the company was aiming to begin accepting orders this spring. As the mass production system and product specifications have now been finalized, orders will officially begin on April 1, 2026.

By offering this new 25 m³/h model, MIURA aims to bolster the introduction of the product at manufacturing sites that require higher flow rates, further increase the high-flow-rate treatment of its mercury-free UV-LED water sterilization equipment, and broaden the scope of application of such products.



Conventional (mercury)

UV-LED model

Compact design reduces installation space by up to 75%



WV-10AF

WV-25AF

WF-10AF and 25AF size comparison

[Specifications and product lineup]

NEW

Model	WV-5AF	WV-10AF	WV-25AF
Maximum treated water flow rate	5 m ³ /h	10 m ³ /h	25 m ³ /h
Rated power consumption	85 W	155 W	415 W
Sterilization performance (<i>Bacillus subtilis</i> spores)	99.9% or more		
UV light source type	UV-LED (mercury-free)		
UV wavelength	280 nm		



Product image WV-25AF

▼ Product page

<https://www.miuraz.co.jp/product/water/pure/wv.html>

*1: An LED that emits ultraviolet (UV) light. UV is a type of electromagnetic wave with wavelengths ranging from 100 to 400 nm. UV is divided into the three categories of UV-C, UV-B, and UV-A according to wavelength. MIURA's water sterilization equipment utilizes UV-C LEDs with powerful sterilization capabilities.

*2: According to MIURA's research

Reference

■ Issued October 28, 2025

Mercury-free UV-LED Water Sterilization Equipment Achieves an Industry-leading Treated Water Flow Rate of 25 m³/h

<https://www.miuraz.co.jp/news/2025/10/20251028.pdf>

■ Issued July 1, 2025

Advancements in High-power UV-LED Technology Allow Mercury-free UV-LED Water Sterilization Equipment to Achieve an Industry-leading High Treated Water Flow Rate of 10 m³/h

<https://www.miuraz.co.jp/news/newsrelease/2025/1832.php>

■ Issued April 24, 2025

Operation of Mercury-free UV-LED Water Sterilization Equipment Begins

- Sterilization of Raw Water for Cosmetics and Non-prescription Medications at MAX Co., Ltd. -

<https://www.miuraz.co.jp/news/newsrelease/2025/1799.php>

■ Issued April 23, 2024

Combining NICHIA's High-output UV-LEDs with MIURA's Water Treatment Technology

- Successful Development of Mercury-free UV-LED Water Sterilization Equipment with a High Flow Rate -

<https://www.miuraz.co.jp/news/newsrelease/2024/1538.php>

▼ Inquiries

Corporate Communications Department, MIURA CO., LTD.

Tel: (+81) 089 979 7019

Email: info_miuraz@miuraz.co.jp

URL: <https://www.miuraz.co.jp>