

# HL2024 Flow Control

Optimal flow control thanks to  
pressure independence



Optimise any drinking (or other) water  
installation with HL2024 Flow Controllers



# What is HL2024?

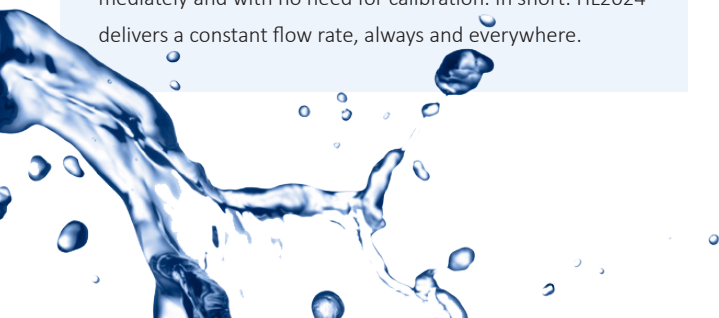
HL2024 is a technology that controls the flow rate within drinking (and other) water installations. HL2024 ensures an optimal flow rate which is moreover pressure independent. This means that, when installed in a water system, HL2024 products will always allow the same, optimal quantity of water to flow through despite pressure (differences).<sup>1</sup>

The HL2024 technology has been built into a comprehensive range of HL2024 products suitable for all manner of applications. These include tap and plumbing solutions for use in households, hotels and the care sector among others, as well as those aimed at applications in the agricultural and maritime sectors.

## How does HL2024 work?

While the idea is simple, the technology behind it is complex: HL2024 is manufactured using a special engineering plastic and a spring element made from high-quality steel. Together, these components make up a strong and precise regulator mechanism.

HL2024 products always adapt immediately to existing water pressure and any fluctuations thereof. This response capacity ensures the flow rate remains constant in a broad, dynamic range of pressure situations. HL2024 functions immediately and with no need for calibration. In short: HL2024 delivers a constant flow rate, always and everywhere.



# What does HL2024 do?

HL2024 delivers results in the form of a constant, optimum quantity of water that fluctuates by only 2%.<sup>2</sup> In doing so, HL2024 also ensures:

- Comfortable showers
- Faster, more streamlined system maintenance
- Savings of water and energy
- Predictable water consumption
- More stable water installations
- Fewer temperature fluctuations when used with thermostatic and non-thermostatic mixers
- Even water distribution throughout installation

↓ Image: HL2024 Flow Controller (skeleton-view)



# Why choose HL2024?

HL2024 has been certified for pressure independence.<sup>3</sup> This ensures an optimal user experience and long functional life. HL2024 is:

- Precise and durable
- Made from high-quality materials
- A Dutch product
- Uniquely certified for over 15 years

## Kiwa about HL2024

‘While they may appear simple, the technology behind the products is quite complex. The products deliver a flow rate that varies only slightly across the entire operating range. Never before have we documented such a negligible degree of deviation.

All in all, we feel these are products of which the manufacturer and distributor can be deservedly proud.’



1. HL2024 products are available in various models and flow rates.
2. The flow rate remains constant between 150/200 and 1.000 kPa/dyn (depending on the flow rate variant), with a fluctuation of approximately 2% as measured in a laboratory setting.
3. HL2024 has been certified in accordance with the KIWA BRL K635 assessment criteria for flow regulators.

**Quickly and easily  
optimise your water  
installation with HL2024**

## **For whom is HL2024?**

Hotels

Hospitals

Care institutions

Drinking water companies

Residential / housing corporations

Agricultural sector

Offshore industry

Prisons

Maritime sector

Sports and recreation centres

Other (drinking) water installations



optimise water systems • save water • quantify total flow • reduce system maintenance • increase efficiency • save energy • set a maximum flow rate • easily quantify energy savings • always a constant amount of water • comfortable and balanced water usage • increase sustainability of installations • minimise temperature fluctuations



## Contact

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