

Figure number: 1340



Top left: HL2024 Inline Cartridge 3P 3/4" FL EP

Bottom right: HL2024 Inline Cartridge 3P 3/4" FL EP - dimensions (in mm)

Specifications

Mounting: into the piping

Connection inlet: G 3/4" Euroconus

Connection outlet: G 3/4" Euroconus

Total length (including thread): 87.6 mm

Thread length male (excluding thread undercut): 12.5 mm

Diameter: 60.0 mm

Weight: ± 145 g

Housing material: PPA (ASTM designation)

Finish outside: none

Finish water contact area: n/a

Max. particle size: 400 μ m

Max. operating temperature: 85 °C *

Flow rate versions (combination of HL2024 inserts):

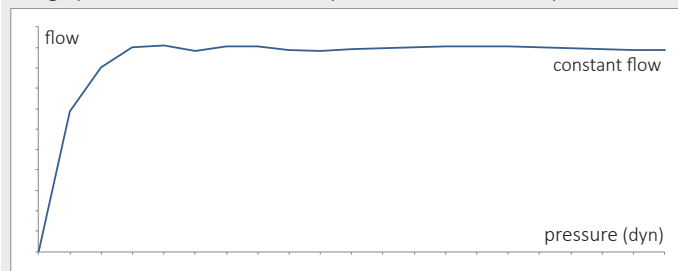
5.0 | 7.8 | 10.0 | 12.8 | 15.0 | 15.6 | 17.8 | 20.6 | 23.4 l/min

150/200-1.000 kPa/dyn (depending on HL2024 insert combination)

Constant flow: pressure independent

Flow deviation within mentioned dynamic pressure range: max. 2%. **

The graph shows the constant flow performance of HL2024 products.



* In case of permanent or semi-permanent use at 500 kPa/dyn or more combined with 60 °C or more, please contact us at comercial@cenergist.com

** Counter-pressure in the system might somewhat influence the flow rate.

Product overview

Optimal flow control for high-volume flows

The HL2024 Inline Cartridge creates a constant flow through its unique property of pressure independence. Fitted into the piping, the HL2024 Inline Cartridge is optimally suitable to control flows into specified areas of any water system. As such it ensures system stabilisation, optimal user comfort and savings.

Certified constant flow

HL2024 products are pressure independent and as such provide a constant flow as certified by Kiwa, (BRL-K635). The product meets the requirements for primary European drinking water standards. All HL2024 products contain one or more integrated HL2024 Flow Controller(s). HL2024 is uniquely certified for pressure independence and long term operation.

Application

In the piping.

Key properties

- Optimal flow control as a result of constant flow
- Multiple flow rate versions
- Definition of peak volume demand
- System stabilisation
- Water- and energy savings
- System pressure loss reduction

