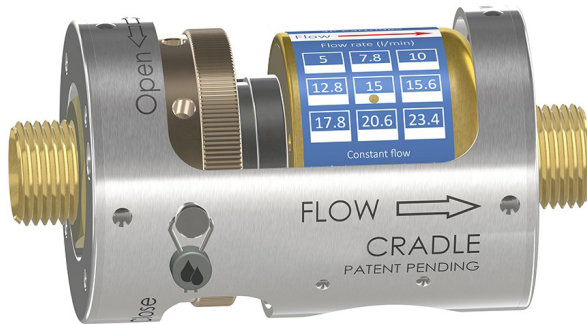


DATA SHEET - MF Cradle

Pressure independent modular flow controller. Flow control with quick and easy maintenance.



Top left: MF Cradle

Bottom right: MF Cradle - dimensions (in mm)

Specifications

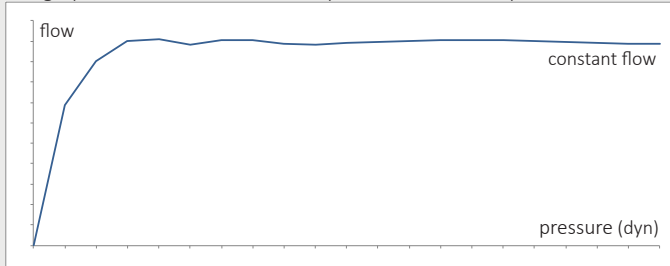
Mounting: into the piping
Connection inlet: G 1/2" (BSPP) male for 15 mm compression ring
Connection outlet: G 1/2" (BSPP) male for 15 mm compression ring
Total length (including thread): 114.0 mm
Thread length male: 12.0 mm
Diameter: 60.3 mm
Weight: 1.193 g
Housing material: brass (4MS), stainless steel, bronze
Finish outside: none
Finish water contact area: n/a
Max. particle size: 400 µm
Max. operating temperature: 90 °C *

Flow rate versions (combination of 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 (depends on combination of inserts)

Constant flow: pressure independent

Flow deviation within mentioned dynamic pressure range: max. 2%. **
The graph shows the constant flow performance of MF 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 info@marine-flow.com.
** Counter-pressure in the system might somewhat influence the flow rate.

Figure number: 1350

Product overview

Optimal flow control and quick maintenance

The Cradle houses a Cartridge: a modular system that contains up to three pressure independent MF Flow Controller(s) (HL2024 inserts). This product is designed to allow for very quick and easy maintenance while ensuring a constant flow, optimal user comfort, savings and system stabilisation. The all-in-one.

Certified constant flow

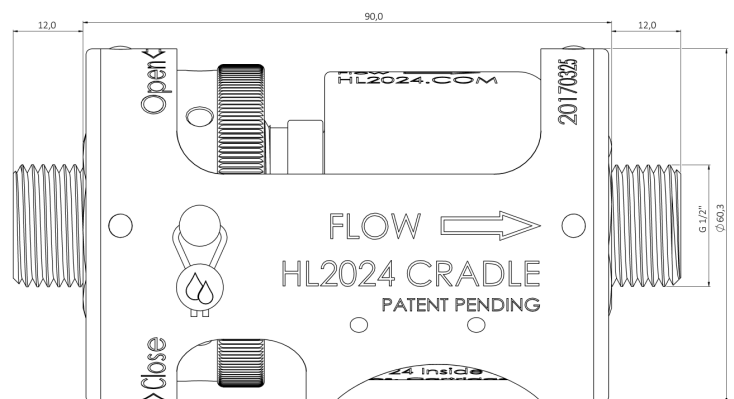
Marine Flow products are pressure independent and as such provide a constant flow as certified by Kiwa, Netherlands (BRL-K635). The products meet the requirements for Kiwa Water Mark and primary European drinking water standards. All Marine Flow products contain one or more integrated Flow Controller(s). It 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
- Customisable flow rate
- Quick and easy maintenance due to removable Cartridge system
- Definition of peak volume demand
- Water- and energy savings
- System stabilisation
- System pressure loss reduction
- Sealable Cartridge system



Disclaimer: Marine Flow aim to provide correct and up to date information at all times. Marine Flow, or companies belonging to its group, are not liable for possible consequences of any incorrect information provided in this document by mistake. Marine Flow reserve the right to make changes.

Note: later versions of this document replace and void older versions. The general terms and conditions of Marine Flow are applicable. In the general terms and conditions Marine Flow has limited its liability. Current versions of this document and of the general terms and conditions of Marine Flow are available at www.marine-flow.com

General terms and conditions of installation and use Marine Flow

Marine Flow is a trade name of MIT Investments BV., The Netherlands, registered with the Chamber of Commerce under number 84229691.

These terms and conditions have been filed with the Chamber of Commerce.

Applicability and formation of agreement

1. These General terms and conditions of installation and use apply, with the exclusion of customer's terms and conditions, to the installation and use of all Marine Flow products.
2. In addition to and without prejudice to the General terms and conditions of sale and delivery, these General terms and conditions of installation and use apply to the legal relationship between Marine Flow, including third parties engaged by Marine Flow, on the one hand, and one or more customers and / or users on the other hand, in the context of the installation and use of Marine Flow products.

Use of products

3. The customer must at all times follow the instructions and directions regarding the use of Marine Flow products. Any guarantee and / or liability of Marine Flow will be null and void if the instructions and directions have not been fully followed.

Exonerations

4. Installation is entirely at the risk of the customer. Marine Flow is not liable for any damage caused during installation, unless the damage was caused by intent or deliberate recklessness on the part of Marine Flow. In no case is Marine Flow liable for consequential damage and / or indirect damage. Without prejudice to the above, the following limitations of Marine Flow's liability apply.
5. Marine Flow offers a guarantee with respect to the products if and insofar this has been agreed in writing between the parties upon conclusion of the agreement or insofar as Marine Flow is legally obliged to do so.
6. Subject to any mandatory obligations arising from the law, Marine Flow is never obliged to compensate any loss, except in the event of intent or willful recklessness.
7. Any liability for consequential loss or loss of profits, indirect loss, lost profits and loss owing to stoppage of the customer and/or the customer's customers is explicitly excluded under all circumstances. Liability is always limited to the amount insured or paid by Marine Flow. In the event of loss that is not or only partially covered, Marine Flow's liability is always limited to the invoice amount of the specific delivery or partial delivery.

Other

8. Should any provisions of these General terms and conditions of installation and use be null and void, be annulled, or be unenforceable, this will not have any consequences for the validity of all other provisions or the agreement.
9. If and insofar Marine Flow cannot invoke any provision of these General terms and conditions of installation and use or the agreement, then said provision will be construed as having a content and purport that is as much as possible in accordance with the original provision, allowing it to be invoked by Marine Flow.
10. All costs, judicial and extrajudicial, related to the collection of sums owed to Marine Flow are fully for the account of the customer.
11. The legal relationship between Marine Flow and the customer will be governed by Dutch law, under exclusion of the Vienna Sales Convention, and all disputes will be settled exclusively by the competent court in the District of Amsterdam, The Netherlands.