

I.M.S® 200 and I.M.S® 1000

ENGINEERED TO ELIMINATE EVERYTHING YOU WORRY ABOUT



I.M.S® 200 and I.M.S® 1000 media retainers from Leopold – designed to improve the efficiency and reliability of both water and wastewater filtration systems.

Providing a more effective option than using gravel in most applications, these next generation media retainers from the industry leader in water and wastewater filtration systems have been carefully engineered to do their job and help you do yours. As part of the complete Leopold underdrain system, the I.M.S® 200 and I.M.S® 1000 media retainers increase flexibility in media design by eliminating up to 35 cm (14") of support gravel. And their physically rigid construction reduces flexing of the slots and the chance of clogging or biofouling.

You can choose the right media retainer for your application, but the Leopold tradition of engineering excellence comes standard with both.

You now have two superior solutions for all your water and wastewater treatment applications. Both the I.M.S® 200 and the I.M.S® 1000 are engineered to ensure a highly uniform distribution of air and water during the backwashing process. Thanks to its solid-construction made of high strength thermoplastic and precision engineered injection molded slots, these media retainers eliminate deadspaces and provide longer filter runs reducing overall operating costs.

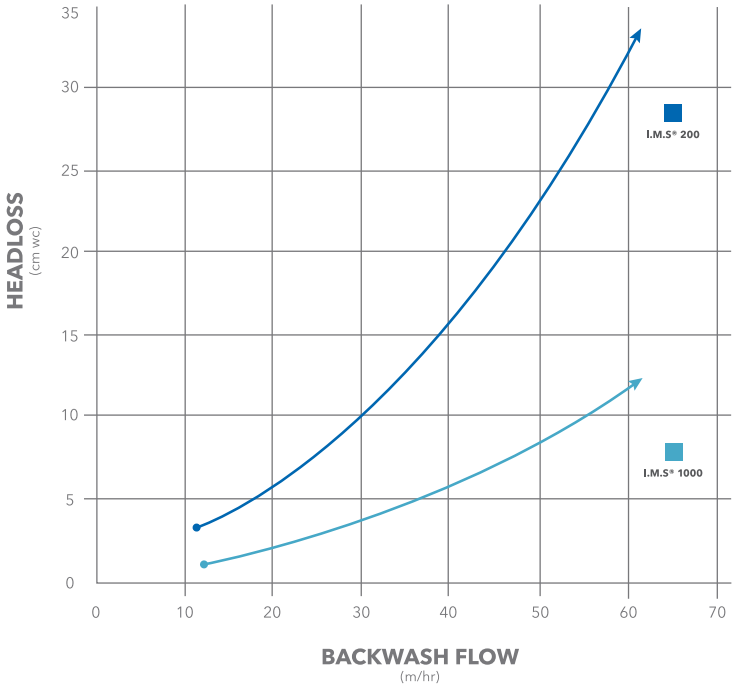
LEOPOLD
a xylem brand

I.M.S® 200 and I.M.S® 1000 PRECISION ENGINEERED MEDIA RETAINERS

Flexibility, affordability, performance, and reliability. What more could you ask for?

Beyond exceptional, worry-free performance, the I.M.S® media retainers deliver a host of other benefits including lower capital expenditures related to its ease of installation and potential for a smaller vertical footprint, reduced operational expenses due to longer filter runs using less water and energy, and the product's performance over an extended period of time. And, the most important benefit being the reliability and support of one of the most trusted names in water treatment. To find out more about how you can get greater performance with lower installation and operating costs, please visit www.fbleopold.com

Headloss during backwash is similar to the gravel it replaces





I.M.S® 200

- Suitable for drinking water plants and desalination plants
- Precision engineered 0.2 mm slots support media down to 450 microns to prevent sand and media penetration and makes it easier to quality control your water treatment system
- Allows for more available media expansion for better backwashing and improves the air and water distribution for cleaner media*
- More driving head results in longer filter runs*
- The patent pending baffles on the bottom of the plate are designed to ensure air doesn't roll to the high end of the cap*
- A narrow water flow path makes it easier to clean during standard backwash operations*
- Eliminates gravel migration or gravel disturbances caused by unforeseen events*
- Reduces installation time resulting in lower installation cost and can be field removed for inspection then reinstalled with standard tools*

I.M.S® 1000

- Suitable for wastewater plants; in GAC contactors, in biologically active filters, and in the construction of filters for denitrification
- Precision engineered 1 mm slots support media down to 1700 microns and make it less prone to fouling than a porous plate (since biological growth will not bridge a gap greater than 0.8 mm)
- Physically rigid design reduces flexing and withstands pressures up to 15 psi*
- Reduces the vertical footprint 28 cm to 35 cm (11"–14") by eliminating the gravel layer*
- Increases freeboard 28 cm to 35 cm (11"–14") to allow for media expansion and extended concurrent air/water backwashing*

* Indicates feature of both I.M.S® 200 and I.M.S® 1000

xylem
Let's Solve Water

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