

Infinity®

Unibody Continuous Underdrain



Unibody Design

The Infinity Continuous Lateral Underdrain fundamentally changes the game with its unibody design. The Infinity air/water underdrain is extruded to the exact required length; no breaks, joints, or seals. This unique design feature completely eliminates joint and seal failure.

Maximize Treatment, Not Underdrain Height.

The Infinity is only 6" (152 mm) in height. This low profile underdrain design allows for enhanced water treatment, maximizing filter media depth and creating greater freeboard. For existing water treatment plants, the Infinity's 6" height coupled with direct media retention can bring new life into old filters.

Installs Fast and Secure.

The Infinity's extruded design prevents underdrain failures by eliminating joints, but it also saves installation time. The Infinity comes to the site completely assembled, there are no joints to snap together, no assembly tools required.



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The Versatile Top Deck Works For Any Filter.

The integrated unibody top deck of the Infinity can be designed and fabricated to meet the needs of any application; direct media retention (slots) or support gravel (orifices) can be utilized with the Infinity. The Infinity single piece design completely eliminates the need for screws and fasteners to hold on a media retaining screen or cap; which can leak or corrode.

Separate Conduits Means Better Distribution.

The Infinity's 6 channel design separates the primary air and water conduits, preventing water hammer and ultimately underdrain failure. This separation also ensures great backwash distribution across a wide range of flows and conditions; air only, air and water simultaneously, and water only. The 2 primary water channels and 1 primary air channel never have to compete with one another; keeping maldistribution low and backwashes even.



Roberts Filter Group

The Roberts Filter Group is the largest family-owned water filtration company in the U.S. with more than 4,400 installations across six continents. It is a fifth-generation operation that began with one of the world's first patented water filters and has continued to develop pioneering, high-quality filtration products ever since. Today, Roberts continues to work with some of the smartest companies and engineers on the planet to answer the industry's demand for customized, flexible solutions and efficient operations.



Contact

For any inquiries, questions or commendations, please call our office or fill out the 'contact us' form on our website.

info@robertsfilter.com

Tel: +1-610-583-3131

www.robertsfilter.com



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