



Johnson Screens

Full Round Triton® Underdrain Systems

Applications

- Granular Activated Carbon (GAC) contactors/basins
- Water treatment

Benefits

- The Full Round Triton® sits off the filter floor allowing for easy media installation and change out for GAC rehabilitation
- Filtration and backwash efficiency are improved with 360° backwash and filtration capabilities, ensuring all media is cleaned and utilized
- Maintenance free design with proven long-term reliability in GAC basin applications
- Designed to fit a range of floor configurations, including sloped floors

Features

- Raised system design that can follow the floor orientation, allowing for simple media replacement and reducing downtime
- No direct floor anchors meaning no floor leveling is required beyond standard conditioning
- 360 backwash* capability, ensuring full backwash of all media present within the basin
- Lateral optimized to suit customer needs for efficiency
- System performance is optimized through rigorous engineering and testing
- Computational fluid dynamics (CFD) analysis for additional confirmation available upon request

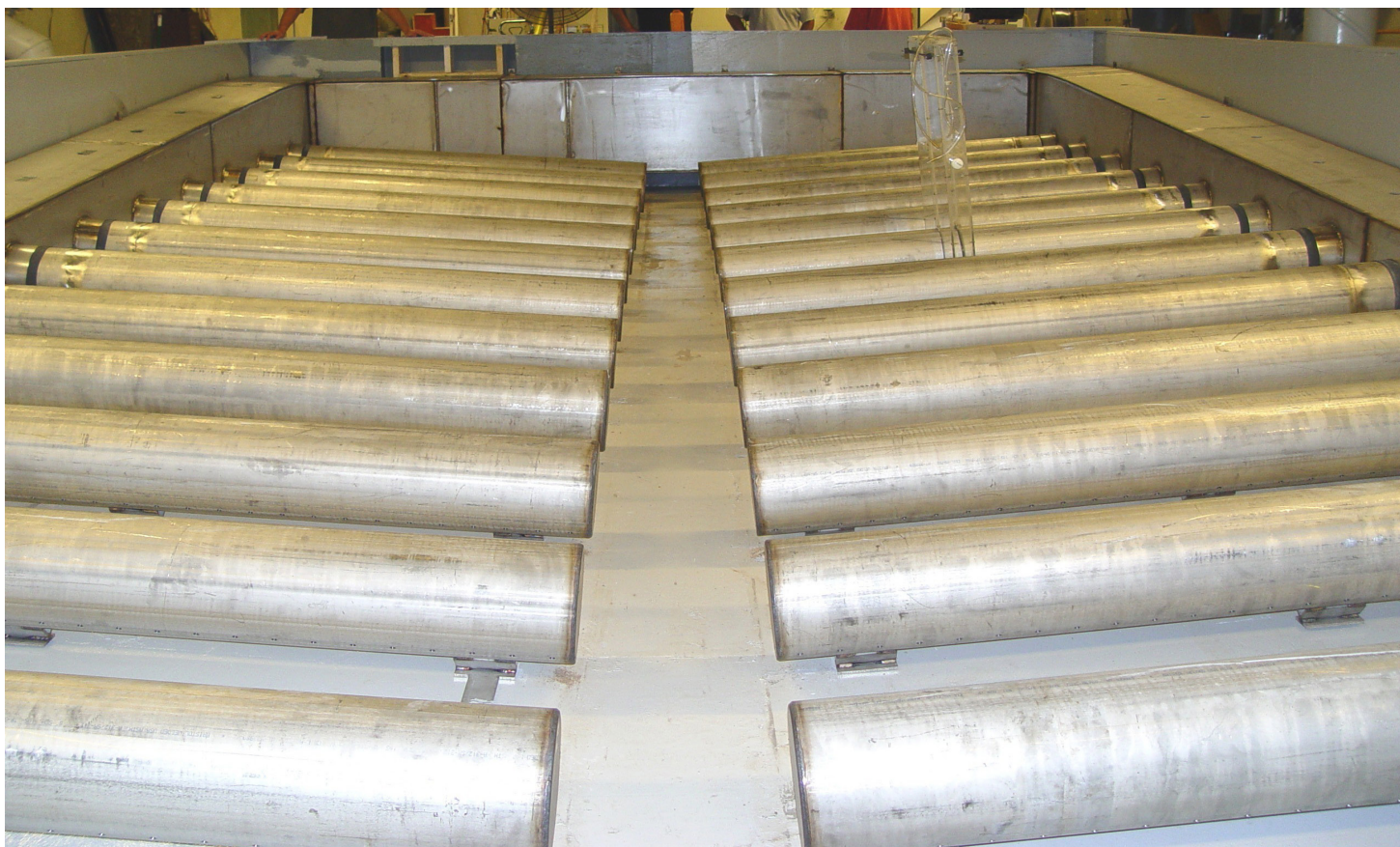
*Water only backwash



Certified to
NSF/ANSI/CAN 61

An Innovative & Cost-Effective Filtration Solution

Johnson Screens Full Round Triton Underdrain Systems is a gravity basin lateral system designed for use in GAC contactors. The underdrain is lifted from the basin floor, and thus is perfectly suited for GAC contactor basins where media must be replaced for rehabilitation on a regular basis by generating significant reductions in downtime over competing solutions. Additionally, the uniform flow pattern generated by the Triton system allows for vigorous water backwash without media upsets. Improved backwashing results in longer filter runs, less backwash water used and a cleaner, better performing filter bed.



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