

FilterONE USA

F1 InFloSieve™ Rotary Drum Screen

- The F1 InFloSieve™ Rotary Drum Screens for above channel screening solutions
- Combine with F1 Compactors, Washers, and Conveyors for a complete screening system
- Wedgewire screens available for higher flows
- Perforated drums for flows up to 7 mgd
- Inside fed for maximum solids capture
- Brush and spray wash for easy O&M
- 304 or 316 stainless steel construction
- Excellent low cost sludge thickener
- Product recovery and pretreatment applications



Keep America Working!



FilterONE USA LLC
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New Equipment Solutions

F1 InFloSieve™ Rotary Drum Screen

The InFloSieve™ Rotary Drum Screen is inside fed to provide maximum capture of all solids larger than one-half of the diameter of the perforation. For example, an F1 IFS screen with 1 mm holes, will remove all solids above 0.5 mm in size.

Diverters attached to the inside of the perforated drum, move the screened solids from the feed end to the discharge chute.

The F1 IFS Drum Screen has both a rotating brush and spray nozzles to insure the holes are kept clean and the drum is capable of passing the maximum flow at all times.

As the F1 IFS Drum Screen is inside fed, there is no carryover, making it the perfect choice for applications where maximum capture is required, such as prior to an MBR.

Additional features include our unique bearing design that reduces O&M, and our enhanced covers that eliminate leakage.

All equipment manufactured by FilterONE is made in the USA.

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Model	Peak Flow, gpm	Range, gpm	Standard hole size, mm
IFS-24x36	690	400-690	1.0
IFS-24x72	1500	1000-1500	1.0
IFS-36x87	2800	1500-2800	1.0
IFS-50x90	4950	3000-4950	1.25

1. Peak flows based on domestic wastewater with 200 ppm suspended solids.
2. Flows for all models based on 1.0 mm holes except IFS-50 x90 which is based on 1.25 mm holes.
3. Flows for other applications, such as sludge thickening, will vary depending upon level of suspended solids and size of perforations required.



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