

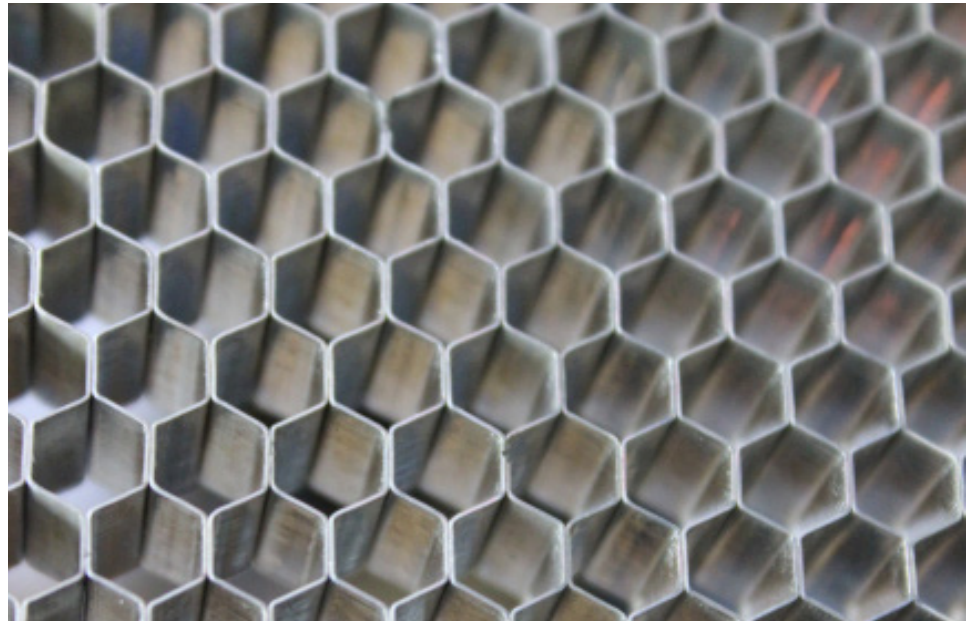


**Johnson
Screens**

A brand of Aqseptence
Group

Noggerath Centre-Flo™ Band Screen

The Noggerath® Centre-Flo™ Band Screen is a fully customizable screen suitable for coarse and fine screening of freshwater, seawater and municipal and industrial wastewater. With best in class hydraulic efficiency, the Centre-Flo utilizes a proprietary honeycomb screen element, integral by-pass and stainless steel enclosure to meet the most demanding project requirements.



Features

- Proprietary Honeycomb screen design
- 90% open surface area
- Up to 40% improvement in hydraulic efficiency
- Flow capacities up to 68MGD
- Honeycomb screens capture rates over 87% with 5 mm openings and 97% with 3 mm openings
- Minimum moving parts – very low wear
- Great for retrofits with up to 40% more screen flow in existing channels
- 316 Stainless steel construction

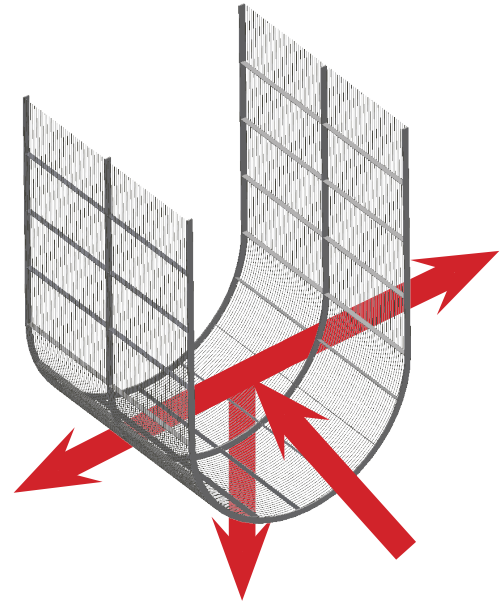
Design sizes and performance

Flow rate:	up to 68 MGD
Machine width:	27.5 in.– 94.5 in.
Channel depth:	Up to 30 ft.
Honeycomb openings:	2 – 10 mm

How it works

Diverter plates direct incoming flow into the submerged section of the screen, where it undergoes a 90° change in direction to flow through the screen panels. Solids are retained while the screened water passes through for further treatment downstream. Center-Flo band screens are typically controlled via upstream water level or differential level, allowing the band screen to remain stationary to build up a mat of screened solids — improving the overall capture rate.

With proven screening capture rates in excess of 87%, when using 5 mm openings or less, the Center-Flo band screen is ideal for pre-screening in front of delicate MBR systems. Also, the honeycomb panel provides the industry's best hydraulic performance with over 90% open surface area, representing 20% to 40% more hydraulic capacity than standard perforated panels.



Benefits

- No carry over (screenings cannot be transmitted to clean side of the screen)
- Efficiently handles rags and other difficult screening
- Minimum hair pinning issues
- Open area screen promotes less blockage and promotes shorter cleaning time and wash cycles
- A penstock or opening can be built into the backplate of the band screen for bypassing if desired
- Guide link and drive arrangement means no wearing chains to replace on the band, and no submerged sprockets or bearings
- All maintenance can be done outside of the channel
- Inspection panel on all four sides allows for easy access of inspection and maintenance
- Flanged odor control extraction vents on the top



Johnson Screens Industrial and Architectural Screens

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