

AQUATICS AND
RECREATIONAL WATER
**FILTRATION, UV
DISINFECTION, CHEMICAL
CONTROL & ACCESSORIES**





About Us

Neptune Benson and Evoqua have been synonymous with best-in-class water filtration and disinfection equipment in the commercial aquatics industry since 1956. Built on a solid base of tens of thousands of installations, our comprehensive portfolio of solutions include proven and trusted offerings such as Defender® regenerative media filters, Wafer® ultraviolet disinfection generators, Legacy™ sand filters, Guardian™ and ProStrainer® strainers, Lawson Aquatics® accessories, AEGIS anti-entrapment shields, Dominion® butterfly valves, greenDrive™ VFDs and more.



Sand Filters

Neptune Benson offers a full range of NSF-50 certified horizontal and vertical sand filters constructed from fiberglass, lined carbon and stainless steel. Made from superior quality materials to exacting manufacturing standards, our sand filters are renowned throughout the commercial aquatics industry for durability and long-life.

CUSTOMIZABLE CONFIGURATIONS FOR FLEXIBILITY

Neptune Benson sand filters are designed with flexibility for projects having limited space or challenging mechanical room layouts. Space savings can be achieved by stacking horizontal models or splitting vertical models into multiple cells. A range of horizontal filters with top tank connections and forward-facing man-ways is also available for projects with space constraints and/or limited footprints. For special applications, we have in-house expertise to custom engineer and fabricate filters to your specific requirements.

SUPERIOR MATERIALS FOR STRENGTH AND DURABILITY

Filament wound fiberglass sand filters are constructed of vinyl ester resin for maximum strength and reliability. Our unique seamless design and method of construction eliminates leaks and ensures minimal distortion over repeated cycles of expansion and contraction experienced over the lifetime of the filter. Even inlet and outlet flange

connections are woven into the fiberglass filter structure to eliminate the possibility of leaks. Tank bases are designed for seismic zone 4 installation as a standard. Steel filters are available in either high strength carbon or stainless steel. Carbon steel models are internally lined with our proprietary lining to prevent corrosion and leaks.

EASY ACCESS & MAINTENANCE

Our sand filters incorporate large 14" x 18" man-ways for safe and easy vessel access. Man-ways also incorporate a clear window to allow visibility into the tank, thereby facilitating inspection of the filter internals and sand bed.

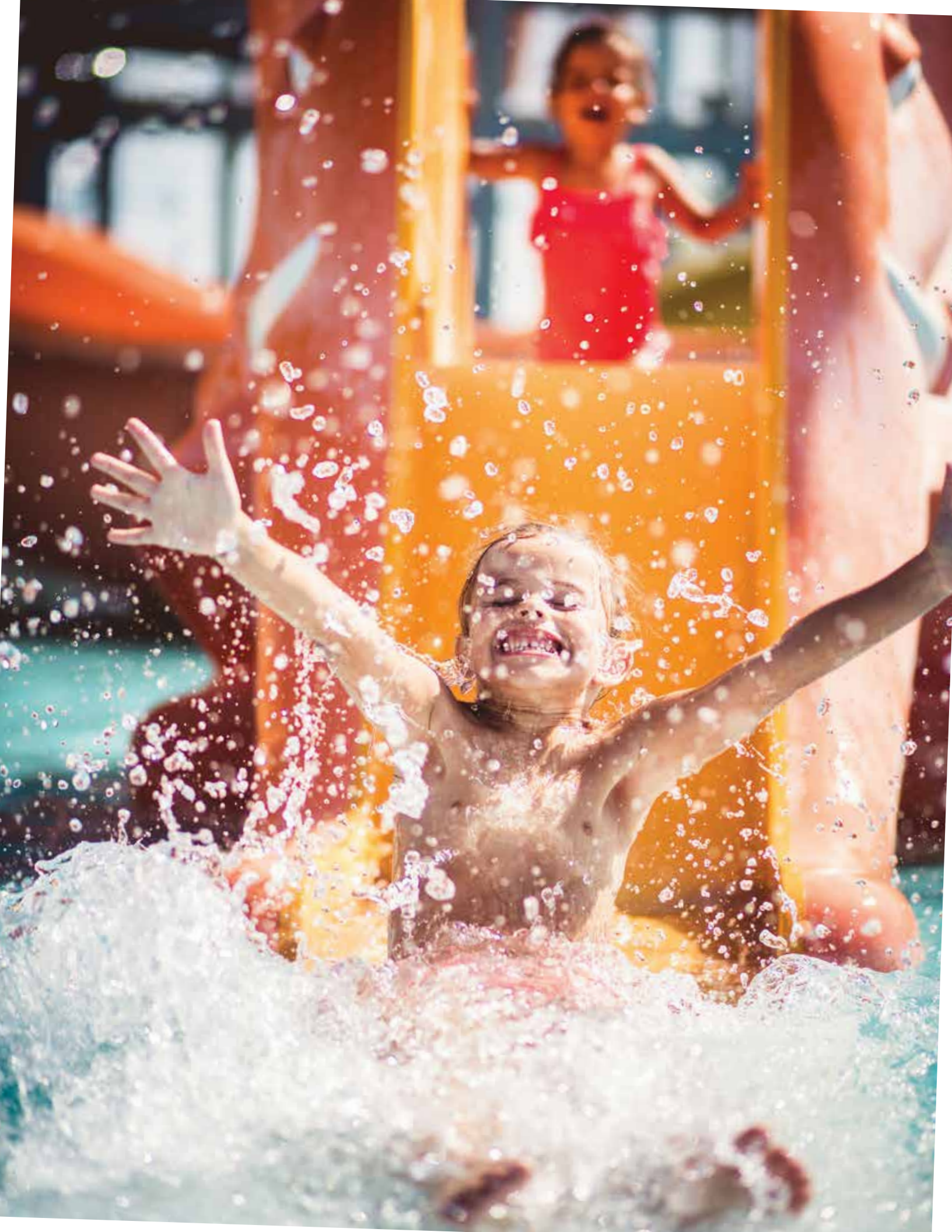
FACE-PIPING

Standard and three-way face-piping provides an easy way to incorporate lever, electric, gear and pneumatically operated backwash valves into your filtration system. Unique in the industry, our face piping is precision-built and pre-assembled under factory-controlled conditions. It is then shipped to the job site in sections and quickly reassembled. As opposed to the common practice of building on-site, our method ensures the highest levels of overall job quality, as well as saves significant time/labor.

CONTROLLER

A fully automatic programmer is available to automate and simplify the backwash process for up to six (6) tanks.







**FILTRATION
DISINFECTION
CHEMICAL CONTROL
GRATING
EDGE TREATMENT
GUTTERS
FRAME & GRATES
REDUCERS
VALVES
PUMPS
STRAINERS**

TRANSFORMING
WATER
— ENRICHING —
LIFE



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Disinfection performance will vary based on product, system design, facility operating conditions, water quality, and maintenance protocols. Refer to product, system, installation and validation documentation for details.

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