Aquariums Turn to Finish Thompson for Marine-Life Pump Solutions

"Even small changes in water temperature can be stressful and even potentially fatal with some fish species," explains Pete Scantlebury, VP of Development for Finish Thompson. With the need for such precision to protect their aquatic life, aquariums must be selective with the pumps they choose for their tanks.

"Our pumps generate very low amounts of heat – even lower than our competitors – so the pump action has a smaller impact on the water temperature," Scantlebury reports. "This is of major importance for aquarium operators, because fish are quite sensitive to changes in temperature. And at times, facilities have invested a lot to obtain rare species. Maintaining a healthy environment is vital, and this requires choosing the right circulation pump for their tanks."

The low temperature rise is one of many benefits aquarium owners are discovering with Finish Thompson products. From octopus tanks, to lagoon circulation, to fish hospitals, Finish Thompson offers a full line of products to meet the needs of marine facilities.

Reliable Circulation

A landmark San Francisco aquarium has tapped into the benefits of Finish Thompson pumps to protect their marine life. Home to species that are displayed nowhere else on Earth, the aquarium needed pumps for their focus tanks that would provide quiet operation and prevent the introduction of air into the system.

"Our SP Series pump effectively draws liquid from their artificial lagoon to their display tank," notes Rich McDevitt, Western Regional Manager for Finish Thompson. "Their previous pumps added so much air that they harmed the minnows in the tank. Our mag-drive pumps eliminate this risk of over-oxygenating the fish and causing damage. The pumps also offer quiet operation for public viewing areas, which is key for maximizing the experience of aquarium visitors."

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In other areas of the facility, the aquarium uses Finish Thompson's DB Series pumps for their run-dry capabilities. McDevitt notes, "If a filter stops working, or a valve is closed due to operator error, a pump can quickly heat up due to improper water flow. This scenario can destroy a sealed pump in a matter of seconds. Our pumps have an added safety feature, so a run-dry situation won't destroy them—or the wildlife they're sustaining."

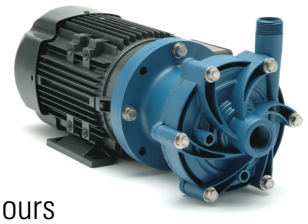
Low Maintenance

A shark aquarium in Las Vegas has taken advantage of Finish Thompson's SP Series pumps for their ease of maintenance. "Due to space constraints, their previous pump required crane removal for any maintenance service," says McDevitt, "plus, the pump was in the tank with the fish. The SP Series pump is mounted outside of the tank, making access simpler, safer and more economical, and while it requires very little maintenance, if service is needed, it's easy to detach and remove the pump."

SP Series

These self-priming mag-drive pumps feature a sealless design that eliminates leaks and reduces maintenance. Offering lightning-fast priming and deep-lift capabilities, SP Series pumps are built to handle the most difficult applications.

DB Series



State-of-the-art design allows these pumps to run dry for hours without damage. With corrosion-resistant construction and neodymium mag-drives, DB Series centrifugal pumps provide top performance and set the standard for hydraulic efficiency.

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Safe Isolation

This same Las Vegas casino has installed Finish Thompson DB Series pumps for their isolation tank, which is used when new fish will be introduced to the population and when fish need to be isolated for treatment.

The pump model suits their needs for low temperature rise and run-dry capabilities: the lack of seal on the DB Series means the pumps offer a low-maintenance system in an otherwise high-maintenance area, and the low heat generation is key to providing a stable environment.

Convenient Testing

A bay-side aquarium in San Francisco chose Finish Thompson's EF Series drum pump with S6 lithium ion battery motor due to its convenient cordless design. McDevitt explains, "These pumps make water testing much easier than using corded pumps. Technicians can test different areas quickly and conveniently or even empty a tank if needed. The EF Series can pump up to seven 55-gallon drums in one charge. It's the perfect general utility device to have in this type of marine setting."

EF Series

An ideal replacement for hand pumps, the EF Series is an economical option for light-duty transfer. Featuring dual-speed adjustable motors and an integral strainer, the lightweight, sealless design delivers efficiency and convenience.

Finish Thompson Inc. designs and manufactures pumps for the safe transfer of a wide variety of corrosive liquids. Products include sealless mag-drive centrifugal pumps with run-dry capability, mechanically sealed pumps, drum/barrel pumps, vertical mag-drive pumps, multistage pumps and air operated double diaphragm (AODD) pumps.

FINISH THOMPSON INC.

Finish Thompson Inc.
921 Greengarden Road
Erie, PA 16501 USA
Tel: (800) 934-9384
Fax: (814) 459-3460
FINISH**THOMPSON**.COM