



316(B) BTA MODIFIED RISTROPH FISH HANDLING TRAVELING WATER SCREEN

- Recognized by the EPA as best technology available (BTA) to comply with the section 316(b) regulation
- The industry's only non-metallic, modified Ristroph fish basket featuring a high-strength, lightweight, maintenance-free and corrosion resistant design

BACKGROUND

EPA Section 316(b) of the Clean Water Act requires the location, design, construction and capacity of cooling water intake structures reflect the BTA for minimizing adverse environmental impact.

As pioneers in the industry over 30 years ago, we developed a capture and release method of handling fish, in conjunction with Dr. Joseph D. Ristroph. A decade later, we developed an improved system with help from Dr. Ian Fletcher known as the Modified Ristroph design.

A PROVEN SOLUTION

Today, we continue our research programs working to refine and modify our BTA fish-handling screens so they are safer for all aquatic life and comply with EPA regulations. When it comes to safe fish-handling screens and existing screen modifications, we are the experts with experienced engineering, project management, and manufacturing capabilities.

Evoqua is one of the leading water technology companies globally with over 4,000 employees covering more than 80 service branch offices in the US alone. Evoqua's experience reaches back more than 100 years. We can supply everything from a complete intake design to a replacement component for an existing traveling water screen.

Evoqua encompasses the industry's best known and most trusted brands:

- Rex®
- Link-Belt®
- Envirex®
- FMC®
- USFilter®
- Chain Belt Company
- Royce



EVOQUA'S PROVEN INTEGRAL FISH BUCKET



HIGH STRENGTH COMPOSITE MODIFIED RISTROPH FISH BASKET

SERVICE OPTIONS

At Evoqua Water Technologies, we can also upgrade an existing, inefficient screen to better-than-original condition. We are continually developing new component and screen designs for older installations to accommodate changed intake conditions, extend equipment life and reduce operating costs.

We can provide a complete turnkey retrofit, on-site or in our factory. Our dive crews are qualified to minimize down time for your plant.

Evoqua is your source for OEM replacement parts for Rex, Link-Belt and other manufacturer's legacy intake equipment. Our factory trained service personnel are available worldwide to assist with emergencies or scheduled maintenance.

For more information visit: www.evoqua.com/fish-protection-screen

Features and Benefits

- EPA compliant and recognized BTA non-metallic modified Ristroph baskets
- Up to 50% lighter basket design reduces hanging weight, motor torque, wear and maintenance requirements
- Robust framework able to handle high differential loading and is designed to operate continuously 24/7
- Molded fish bucket minimizes turbulence due to a cross section not featured in conventional steel fish baskets
- Corrosion resistant materials provide longer life and less maintenance cost compared to conventional steel baskets
- High strength basket design can withstand over 10 feet of differential head
- "Fish friendly" Smooth-tex® flat wire screen mesh to prevent descaling
- Low pressure wash to gently assist in the removal of fish prior to high pressure debris spray
- Fiberglass housings containing custom debris and fish return troughs
- Control systems with variable speed drive for lower operating costs
- Optional built-in pump reduces water requirements and footprint
- Optional fine mesh design available



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