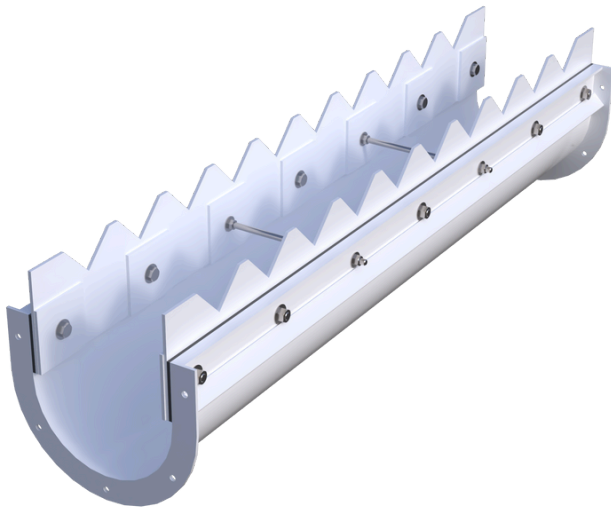
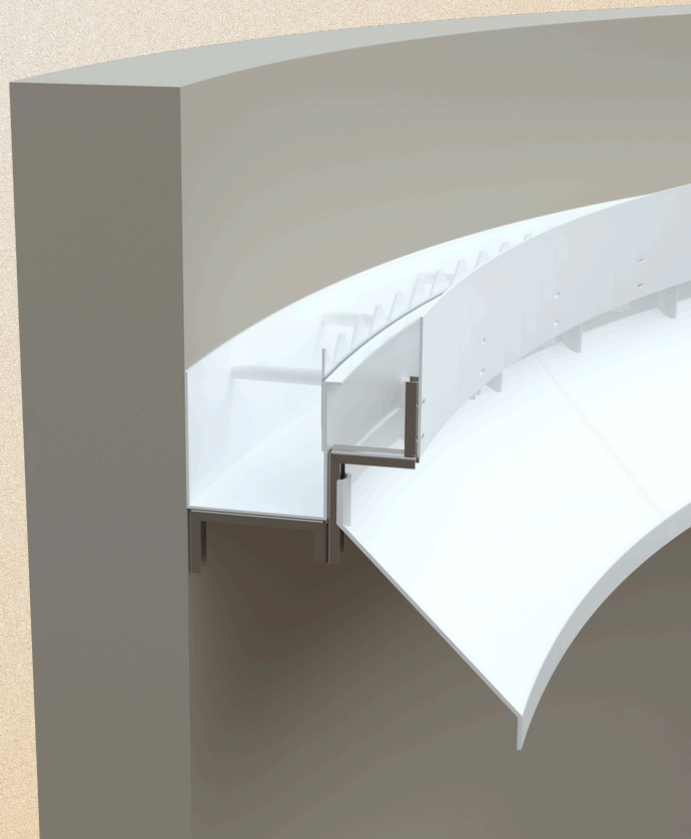




Fiberglass Troughs

FRP troughs for use in effluent clarifiers and filtration systems.

Customize to Project Specs



Overview

The VPC Fiberglass Trough System is a rugged, corrosion-resistant solution designed for industrial water and wastewater applications. Manufactured from high-strength, fiberglass-reinforced plastic (FRP), these troughs provide exceptional longevity, dimensional accuracy, and installation versatility. With integrated U-shaped and square configurations, they are ideal for both new construction and retrofit environments. All mounting brackets, hardware, and stabilizers are stainless steel.

Standard Configurations

U Shaped Troughs

12",14",16",18",20",24",30"

Square Trough Assembly

12",14",16",18",20",24",30"

Mounting

Flange-Mounted Design with Mounting Brackets and Sealing Gaskets

Material

All-FRP, Corrosion-Resistant Build: Made from isophthalic polyester or vinylester resin for chemical resistance and long-term durability.

Applications

Filter, Launder, and Finger Weir Systems

Key Advantages

Corrosion-Resistant Construction

Our FRP troughs are made with premium polyester resin for superior resistance to rust, chemicals, and UV damage. We go further by using FRP ribs and supports to reduce metal use, allowing for longer runs before reinforcement is needed. The result: a stronger, more efficient system built to last.

Precision-Molded for Strength & Fit

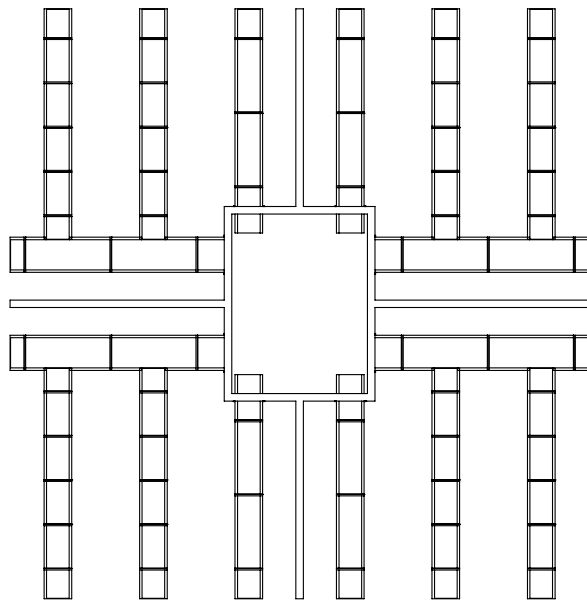
Each FRP unit is reinforced and dimensionally accurate, built with structural profiles to handle demanding operational loads. Smooth, resin-rich interiors reduce flow resistance and enhance hydraulic efficiency. Using 3D modeling and CNC-machined molds, we ensure every part is crafted with precision and consistency.

Lightweight & Easy to Install

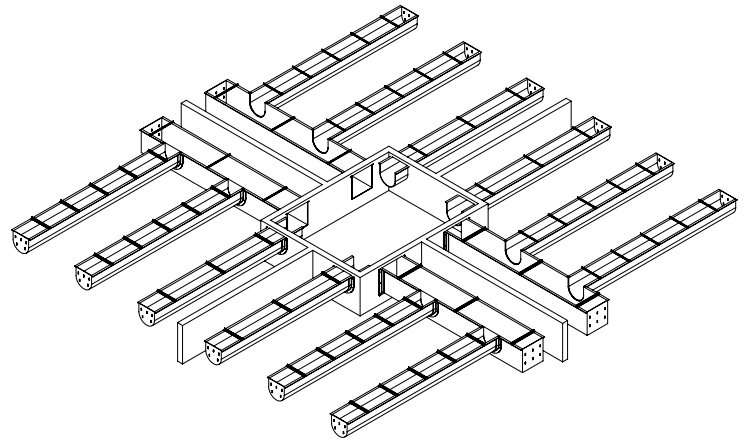
Compared to concrete or steel alternatives, FRP troughs are significantly lighter and easier to handle, reducing labor and equipment costs during installation.

Maintenance-Free System

Our system features gasket-sealed flanges, mounting brackets and stainless steel hardware, eliminating the need for regular maintenance or adjustments. Unlike metal, FRP offers a significantly longer lifespan with virtually zero upkeep. These troughs are built to last for decades — delivering a durable, maintenance-free solution proudly made in the USA.



PLAN VIEW



ISOMETRIC VIEW

ADMINISTRATIVE OFFICES
2410 North Forest Road Getzville, NY 14068

MEDINA MANUFACTURING
10478 Ridge Road Medina, NY 14103

LOCKPORT MANUFACTURING
222 South Niagara Street Lockport, NY 14094



www.vpcfiberglass.com

585.735.9668