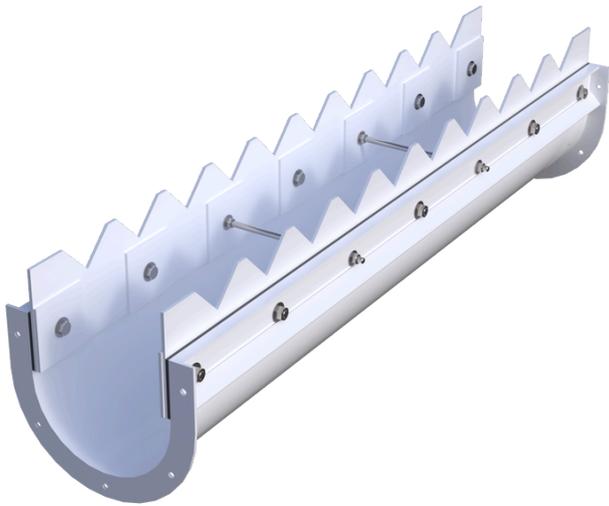
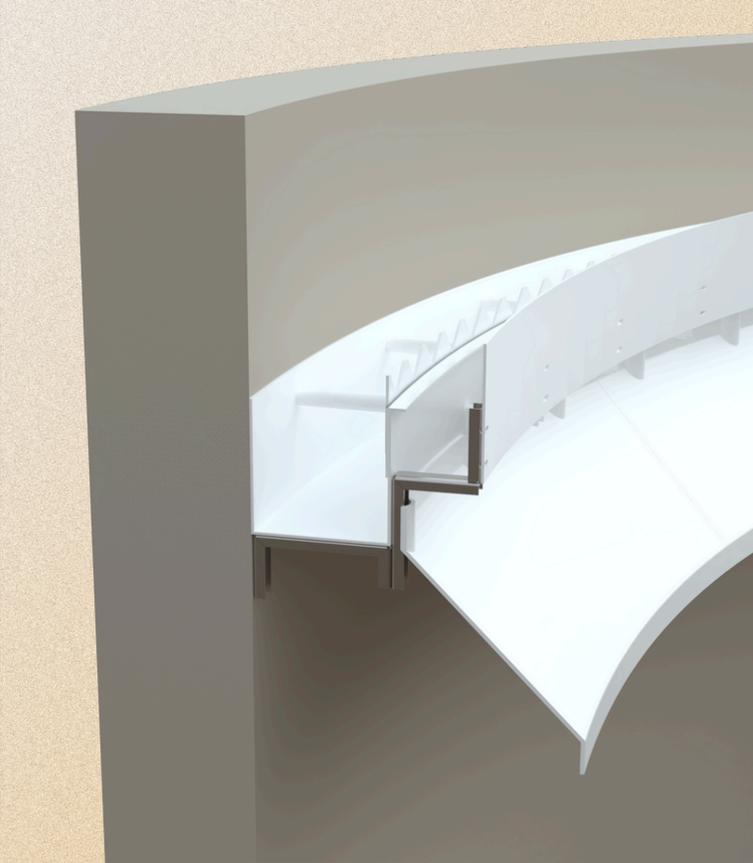




# Fiberglass Troughs

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	
<b>U Shaped Troughs</b>	12",14",16",18",20",24",30"
<b>Square Trough Assembly</b>	12",14",16",18",20",24",30"
<b>Mounting</b>	Flange-Mounted Design with Mounting Brackets and Sealing Gaskets
<b>Material</b>	All-FRP, Corrosion-Resistant Build: Made from isophthalic polyester or vinylester resin for chemical resistance and long-term durability.
<b>Applications</b>	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

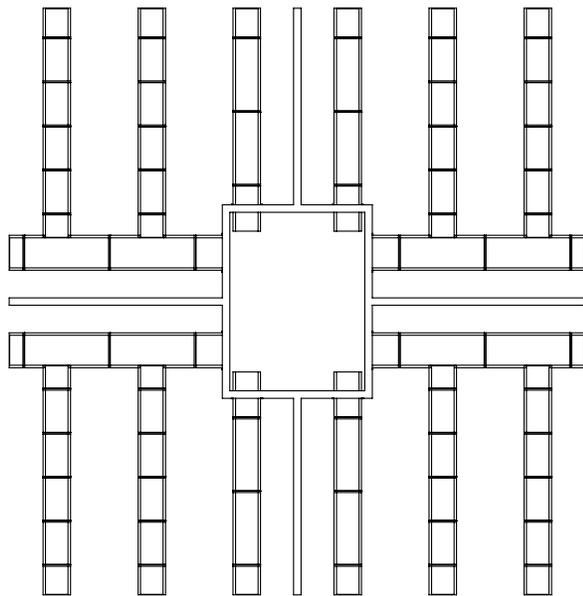
Each FRP unit is reinforced and dimensionally accurate, built with structural profiles to handle demanding operational loads. Smooth, resin-rich interiors reduce flow resistance and enhance hydraulic efficiency. Using 3D modeling and CNC-machined molds, we ensure every part is crafted with precision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

### Lightweight & Easy to Install

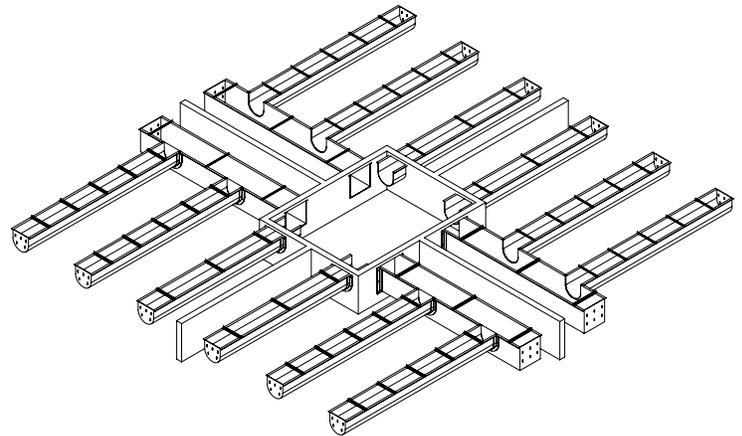
Compared to concrete or steel alternatives, FRP troughs are significantly lighter and easier to handle, reducing labor and equipment costs during installation.

### 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

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