

Leopold® Fiberglass Wash-Water Troughs

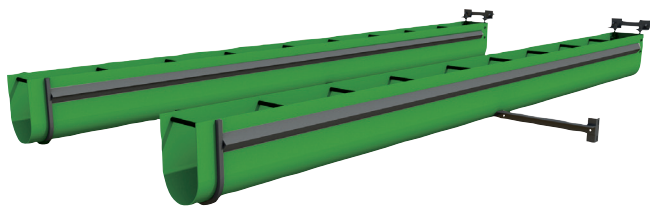
Leopold fiberglass wash-water troughs are employed in water and wastewater filters to provide uniform removal of wash water during backwashing. They are available in a wide selection of carrying capacities to meet any design requirement.

Durability for long service life

Molded of densely laminated fiberglass-reinforced plastic (FRP), Leopold wash-water troughs are corrosion-resistant and constructed for maintenance-free durability and long service life. All mounting brackets, hardware, and stabilizers are stainless steel.

Reinforced for strength and stiffness

Leopold FRP wash-water troughs are designed and manufactured for rigidity and dimensional accuracy. Proportioned for excellent beam strength, Leopold FRP wash-water troughs have triangular-shaped,



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longitudinal stiffeners integrally molded into the exterior sidewall for longitudinal rigidity.

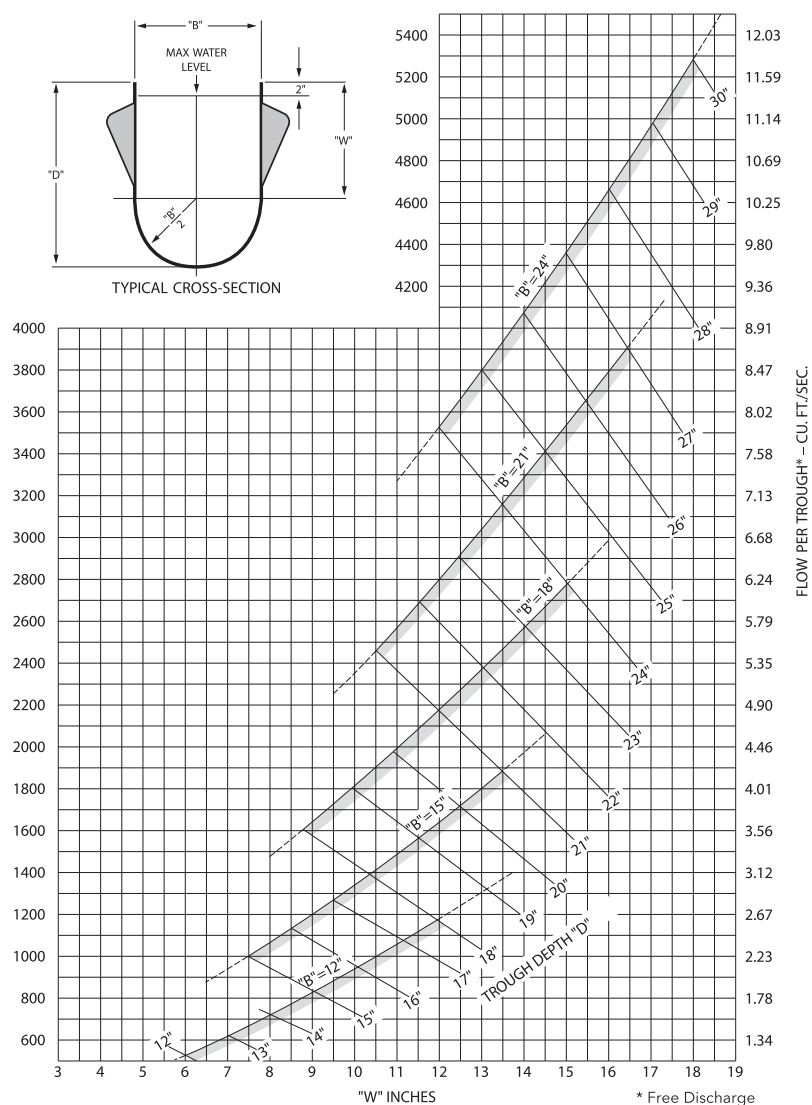
Fiberglass thickness is at least 1½ times the nominal thickness at locations of supports such as saddles, as well as at end flanges and blind ends. One-inch horizontal stiffener bars on 2-foot centers enhance the structural rigidity.

Resin-rich surface for even flow

The inner surfaces of Leopold troughs are smooth, and resin-rich-coated to minimize flow resistance. The top edges of each trough section are level and parallel to the specified tolerances to help uniformly match a still water surface at the desired overflow elevation.

Easy, economical installation

Leopold troughs require no costly forming work. They are available with fixed, adjustable flanged ends, or with integrally mounted water stops. Adjustable V-notch or straight-edge weir plates are also available. The weir plates are made of maintenance-free fiberglass-reinforced plastic, match-die molded to ensure excellent dimensional accuracy.



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Let's Solve Water

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