

MULTIWASH® PRO TROUGH

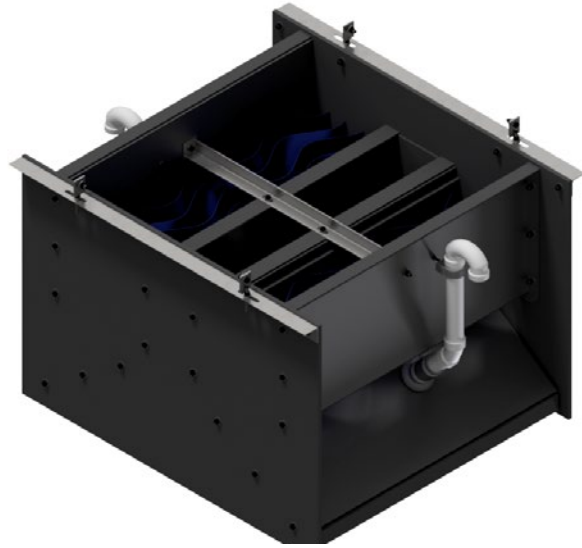
MULTIWASH Backwash Retrofit



WESTECH®

 SWIRE WATER

MULTIWASH® PRO Trough



As part of the WesTech MULTIWASH family, the MULTIWASH PRO trough can be added to almost any system (WesTech or others) either as a retrofit or upgrade. It is also available for use in new pressure filters and AERALATER® package plants.

Revitalize your vertical or horizontal pressure filter backwash with WesTech's MULTIWASH PRO trough, a simple, easy-to-install backwash retrofit system.

The MULTIWASH® backwash process solves the media fouling and frequent backwash problems that can occur in today's plants. Its high-performance backwash eliminates mudball formation, media grain coating, and biological fouling without the need for chemical cleaning systems.

A Better Option for Retrofits

Replacing a backwash system already installed in a tank can be a challenging job. Usually it requires cutting large holes in the existing tank, hiring a welder to fabricate the washtrough inside the tank, repairing the access hole, and then repainting the inside of the tank. All of this is time consuming and comes with some degree of safety risk for those doing the work.

The new MULTIWASH PRO trough provides a way of changing to the MULTIWASH system. Because it is made of high density plastic, the equipment is easier to work with, yet reliable for long-term performance. The pieces of the MULTIWASH PRO trough are sized to be passed through a standard 14 in. by 18 in. manway and are then bolted together inside the tank. Full installation requires minimal welding of support brackets and touch-up painting.

Applying the MULTIWASH® Process

The MULTIWASH PRO trough is an integral part of the superior cleaning system known as the MULTIWASH backwash process, which simultaneously combines air and water in an efficient backwash. For an installation at your site, simply provide a few measurements, the current operational sequences, and the piping lay out, and our engineering staff will help you upgrade to the MULTIWASH PRO trough.

Demolition

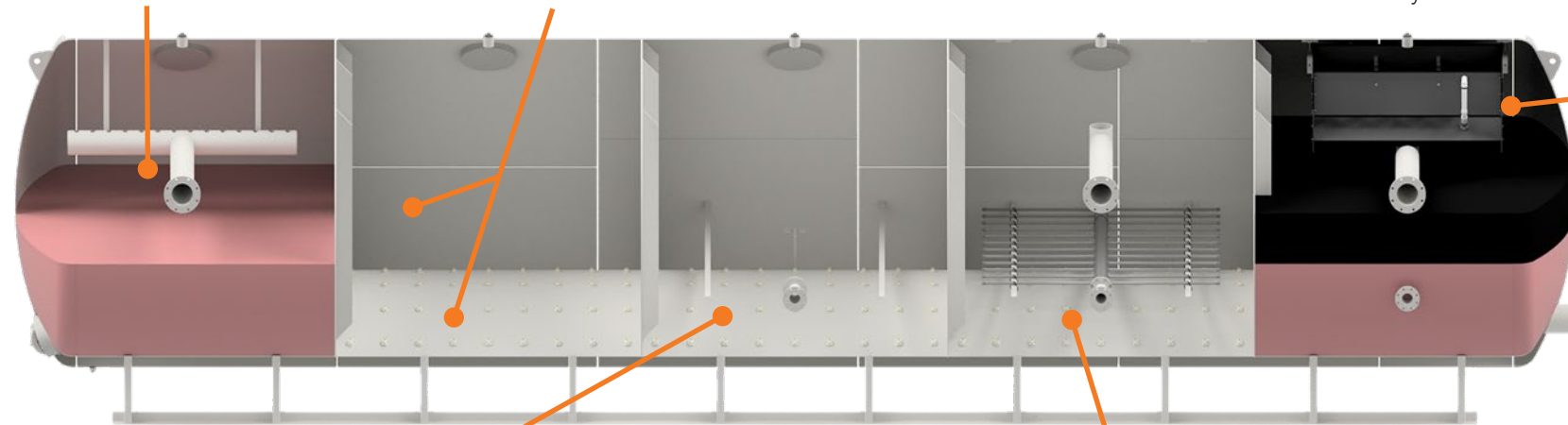
The contractor removes existing overdrain and media.

Clean and Inspect

A worker cleans and inspects underdrain and cell walls, repairing as needed.

Installation (part 2)

The contractor installs the new filter media and MULTIWASH PRO trough parts through a minimum 14 in. by 18 in. manway.

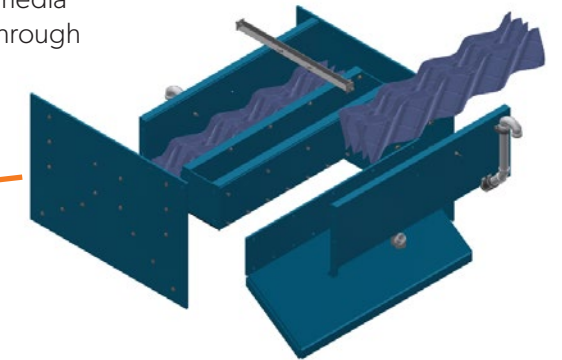


Welding

The contractor welds in new support brackets, if not already existing.

Installation (part 1)

The contractor installs an air wash grid with slotted laterals, if not already existing.



Programming and Start-Up

A WesTech service professional arrives onsite to load and test the MULTIWASH backwash controls program. The professional will also provide supervision of start-up activities and operator training.

Benefits

- **Efficient backwashing**
- **Less waste volume**
- **Longer filter runs**
- **Lighter troughs are safer for workers**
- **Reduced operating cost (upgrade only)**
- **Quicker, cheaper, and easier to install**
- **Long life expectancy**

Features

- **No welding of the overdrain assembly required**
- **No painting required on the tank after install, except at welded support brackets**
- **Corrosion resistant with HDPE plastic and stainless-steel hardware**

Applications

- **Municipal plants – production with less waste, without replacing the entire filter system. Great for plants that have experienced changes in source water quality**
- **Industrial plants – older systems in need of replacement or upgrade**

For more information, email info@westech-inc.com or call 801.265.1000



WESTECH[®]

 SWIRE WATER

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