



MULTI-STAGE FILTRATION UNIT RENTALS

Multi-stage filtration systems are state-of-the-art water treatment systems engineered for efficiency and durability, featuring a three-stage filtration process built on robust carbon steel skids. Perfect for spaces with limited room and complex water filtration requirements.

WWW.TSSICO.COM



MULTI-STAGE FILTRATION UNIT RENTALS

Unlocking Superior Filtration Solutions

Are you seeking a filtration solution that seamlessly combines innovation, durability, and user-friendly design? Our state-of-the-art filter, developed by the OEM, stands at the **forefront of excellence in the industry.**

OEM Filter Manufacturer





MULTI-STAGE FILTRATION UNIT RENTALS

3 Stage Filtration, **Unmatched Performance**

Stage 1: Multi-Media Filtration ✓

- Filters particles down to 5 microns using a multi-media vessel.

Stage 2: Iron, Manganese, & Arsenic Treatment ✓

- Choose between Greensand Plus™ or DMI-65® media to treat iron, manganese, and arsenic up to 25 ppm, optimized for use with a chemical injection skid.

Stage 3: Granular Activated Carbon ✓

- 60 inches of Granular Activated Carbon (GAC) effectively remove chlorine residuals.





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Ideal for tight spaces and demanding water filtration needs, this system features:

Eliminating Iron Contamination:

Iron removal media filters effectively remove iron from water sources, ensuring that water is free from discoloration, unpleasant odors, and metallic tastes caused by iron contamination.

Multi-Media Filtration:

Multi-media filtration bed optimized for maximum contamination removal and ideal micron level performance.

Activated Carbon Power:

Through the use of activated carbon (GAC) filtration, maximum odor, color, clarity and chemical removal is achieved. In conjunction with the other filtration media vessels, these medias come together to yield unmatched results.

Detachable Stainless Steel Underdrains:

304SS removable wedge wire underdrains, ensuring long-term durability.

Improved Water Quality

Independent backwash systems to prevent contamination and preserve media quality.

Improved Performance & Less Downtime:

Isolation valves on each tank for maintenance without downtime.

Industry Standard Coatings for Maximum Protection:

A rugged industrial-grade fuze coat gloss finish and NSF61-Approved interior coating for enhanced protection and longevity.



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Powerful filtration requires the right filtration media for the job. That's why we utilize the very **best in the industry.**

DMI-65® Filtration Media:

This powerful water filtration medium eliminates iron and manganese without chemical regeneration. Its unique structure reduces dissolved iron to as low as **0.001 ppm** and manganese to **0.001 ppm**, acting as an oxidation catalyst to remove insoluble precipitates. Additionally, it can remove arsenic, aluminum, and other heavy metals, as well as hydrogen sulfide under specific conditions. **Source:** <https://dmi65.com/>

NSF-Approved Filtration Media:

DMI-65® has received **NSF approval**, meeting the rigorous standards established by NSF International, an independent organization dedicated to setting standards for public health and safety in food, water, and consumer products.

ALL MEDIAS ARE NSF-APPROVED



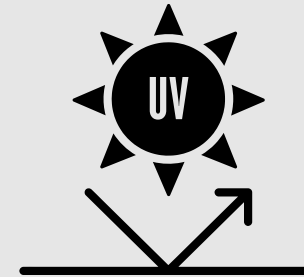


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Unrivaled Protection, **Long-Lasting Durability**

UV-Resistant Fuze External Finish: ✓

Our filter is equipped with a UV-resistant fuze external finish, ensuring longevity and protection against harsh environmental conditions. This feature not only preserves the aesthetics of the filter but also safeguards its structural integrity.



NSF-Approved 3M-134 Epoxy Interior Coating: ✓

For enhanced protection, our filter boasts an NSF-Approved 3M-134 epoxy inner coating. This advanced coating ensures that the internal components are shielded against corrosion and chemical degradation, extending the lifespan of the system.



FOR A QUOTE OR QUESTIONS CALL: 406.506.5577



MULTI-STAGE FILTRATION UNIT RENTALS

Engineered for Excellence

Highly Durable Construction:

Backed by robust construction, our filter's are engineered for durability and performance. It goes beyond meeting industry standards, making it the ideal choice for those who prioritize reliability and longevity.

Got a Project? *Let's Talk.*



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UNITS & SPECIFICATIONS

TSSI-X24-72-3A

GPM: 15 min - 50 max

PSI: 15 min - 80 max

MICRON LEVEL: 5

FILTRATION AREA: 3.15 ft.²

VALVE ACTUATION: Hydraulic / Pneumatic

BACKWASH: 27 GPM per tank

DRY WEIGHT: 2700 lb.

LOADED WEIGHT: 7100 lb.