



IRON REMOVAL FILTRATION UNIT RENTALS

Iron removal filtration systems are indispensable for industries, efficiently eliminating iron contaminants to enhance water quality and ensure equipment integrity, meeting the stringent demands of modern industrial processes. These systems efficiently eliminate contaminants from water sources, preventing corrosion and ensuring optimal production efficiency, making them essential assets for industries across diverse sectors.

WWW.TSSICO.COM



IRON REMOVAL 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





IRON REMOVAL FILTRATION UNIT RENTALS

Convenient Access, **Unmatched Performance**

Large Side Access Manways: ✓

Enjoy hassle-free maintenance with our filter's large side access manways, providing you with convenient access for easy inspection and servicing.

Detachable Stainless Steel Underdrains: ✓

Our user-friendly design includes detachable stainless steel underdrains, ensuring not only efficiency but also ease of cleaning and maintenance.

Carbon Steel Skids for Stability: ✓

Built on robust carbon steel skids, our filter's guarantee stability, security, and manageability. Whether your application is industrial or municipal, rest assured our filter can handle the demands of your sector with ease.

Versatile Operation: ✓

Choose between hydraulic or air power to operate valves, granting you flexibility in managing the filtration process according to your specific needs.





IRON REMOVAL FILTRATION UNIT RENTALS

Iron removal media filters are indispensable components of water filtration systems, serving a myriad of essential purposes:

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. This improves the aesthetic quality of the water and enhances its palatability for consumption.

Improving Water Quality

By eliminating iron and other impurities, these filters significantly enhance the overall quality of water, making it safer and more suitable for various uses, including drinking, cooking, bathing, and household chores.

Protecting Plumbing Systems:

Iron removal media filters prevent the buildup of iron deposits in plumbing systems, extending infrastructure lifespan and more.

Ensuring Safe Irrigation:

Iron-free water is essential for irrigation systems in agriculture and landscaping. These filters ensure that irrigation water is free from iron and other contaminants, promoting healthy plant growth and preventing clogging of irrigation equipment.

Deep Well Rehabilitation:

In deep well rehabilitation projects, iron removal media filters play a crucial role in restoring water quality by efficiently removing iron and other impurities that may accumulate in groundwater sources over time.

Industrial Settings:

Iron removal media filters are indispensable in manufacturing plants, food processing facilities, power generation facilities, and more.



IRON REMOVAL FILTRATION UNIT RENTALS

**Iron removal 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.

'5-10 YEAR' LIFE SPAN



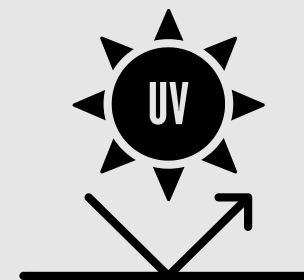


IRON REMOVAL FILTRATION UNIT RENTALS

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





IRON REMOVAL 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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IRON REMOVAL FILTRATION UNIT RENTALS

UNITS & SPECIFICATIONS

TSSI-I18-72-2A

GPM: 18 min - 54 max
PSI: 20 min - 100 max

MICRON LEVEL: 30
FILTRATION AREA: 3.54 ft.²

VALVE ACTUATION: Hydraulic / Pneumatic
BACKWASH: 27 GPM per tank

DRY WEIGHT: 800 lb.
LOADED WEIGHT: 2450 lb.

TSSI-I24-72-2A

GPM: 31 min - 95 max
PSI: 20 min - 100 max

MICRON LEVEL: 30
FILTRATION AREA: 6.3 ft.²

VALVE ACTUATION: Hydraulic / Pneumatic
BACKWASH: 47 GPM per tank

DRY WEIGHT: 1200 lb.
LOADED WEIGHT: 4130 lb.

TSSI-I30-72-2A

GPM: 49 min - 148 max
PSI: 20 min - 80 max

MICRON LEVEL: 30
FILTRATION AREA: 9.82 ft.²

VALVE ACTUATION: Hydraulic / Pneumatic
BACKWASH: 74 GPM per tank

DRY WEIGHT: 2400 lb.
LOADED WEIGHT: 7140 lb.

TSSI-I48-72-2A

GPM: 49 min - 148 max
PSI: 30 min - 100 max

MICRON LEVEL: 30
FILTRATION AREA: 25.2 ft.²

VALVE ACTUATION: Hydraulic / Pneumatic
BACKWASH: 188 GPM per tank

DRY WEIGHT: 5200 lb.
LOADED WEIGHT: 17750 lb.