

# MAGNETIC AERATION SYSTEM FOR FRAC, STEEL, AND POLY TANKS (PATENT PENDING)

Remtech's **FRACAIR** and **MAGAIR (Magnetic Aeration System)** is a cutting-edge solution for rapidly converting **frac tanks, steel tanks, poly, and stainless tanks** into **temporary or permanent** wastewater, water, stormwater, groundwater, or dewatering treatment systems. With proprietary **magnetic anchoring technology**, aeration and mixing systems can be rapidly deployed **without drilling, welding, or tank modifications**—perfect for rental tanks or short or long-term projects during plant expansions, cleanings, repairs or new treatment processes.



FRACAIR Magnetic Aeration Wastewater and Water Treatment System



Blower Side Mount Tank Option

## KEY BENEFITS:

- ✓ **Numerous Waste Stream Treatment Applications** - Domestic & Industrial Wastewater, Water Treatment, Landfill Leachate, Stormwater, Dewatering Treatment, Oil Field Production Wastes, Contaminated Groundwater & PFAS.
- ✓ **Fast Installation** – Easily installed through 20" manholes and are secured by **powerful magnets**.
- ✓ **Versatile Treatment Applications** – For aerated grit chambers, equalization, solids mixing, air stripping, oil/water separators, biological treatment, flocculation, dissolved air floatation, and neutralization systems.
- ✓ **Adjustable & Performance Optimization** – Variable airflow, bubble sizes, and retention times optimize treatment.
- ✓ **Energy Savings Up to 80%** – Blower aeration significantly reduces energy costs compared to mechanical mixing.
- ✓ **Modular & Scalable** – Installable in single or multiple tanks for flow rates exceeding **200,000 GPD**.
- ✓ **Odor & Emission Control** – Air inlet flanges facilitates off-gas capture and carbon or biobed treatment.

## FLEXIBLE EQUIPMENT & CUSTOMIZATION:

- ✓ **Tank Compatibility:** Fits 10,000, 21,000-gallon, and larger tanks.
- ✓ **Air Supply Options:** Regenerative, rotary lobe, trailer-mounted compressors or plant air.
- ✓ **Durable Materials:** Materials of construction include schedule 80 PVC, stainless steel, and EPDM elastomers for chemical compatibility.
- ✓ **Advanced Diffuser Technology:** Choice of disc, sintered, or stainless bubble diffusers (fine, medium, or coarse).
- ✓ **Scalable Blower Systems:** 5 to 10 HP blowers efficiently aerate individual or multiple tanks.

## MAGNETIC ANCHORING FOR POLY OR STAINLESS TANKS:

For **poly or stainless tanks**, systems can be securely anchored using ferrous plates mounted in tank pads allowing powerful magnets to provide stable inside aeration system tank anchoring—even through thick tank bottoms.

## EXPANDABILITY & ADVANCED TREATMENT OPTIONS:

Easily integrate modular tertiary treatment systems such as:

- ✓ **Screening & Clarification**
- ✓ **Filtration & Dissolved Air Flotation (DAF)**
- ✓ **Serpentine Neutralization & Flocculation**
- ✓ **Sludge Dewatering & Advanced Wastewater Treatment**

## READY FOR RAPID DEPLOYMENT:

Remtech's FRACAIR Magnetic Aeration System delivers **cost-effective, plug-and-play treatment solutions**—ideal for plant expansions, temporary installations, or emergency wastewater treatment.

## NO PERMANENT ALTERATIONS. MAXIMUM EFFICIENCY. RAPID DEPLOYMENT:

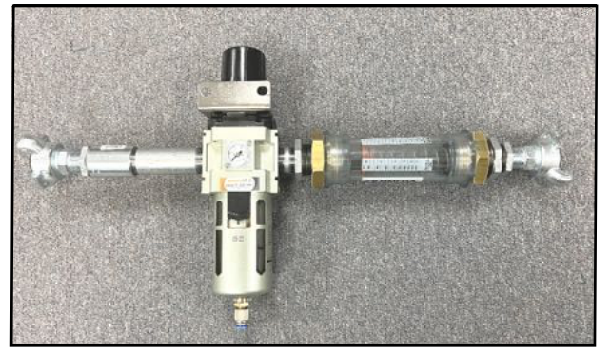
**Get started today!** Contact Remtech for a solution to your treatment needs by filling out our eform on our website [www.remtech-eng.com](http://www.remtech-eng.com) under *Environmental Equipment* or calling 800377-3648 x 4.



# Remtech's *FRACAIR* Magnetic Aeration System for Frac Tanks (for 185 cfm Trailer Mounted Compressor Air Supply (Patent Pending))



Compressor Air Control Valve & Anti-Siphon Light Cage



Air Pressure Reducer and Air Flow Regulator



Sealed Flange Air Injection for Carbon Off-Gas Treatment



*FracAir* fits on 4 ft x 4 ft pallet



Anti-Siphon Manhole Light Cage Mounted on Frac Tank

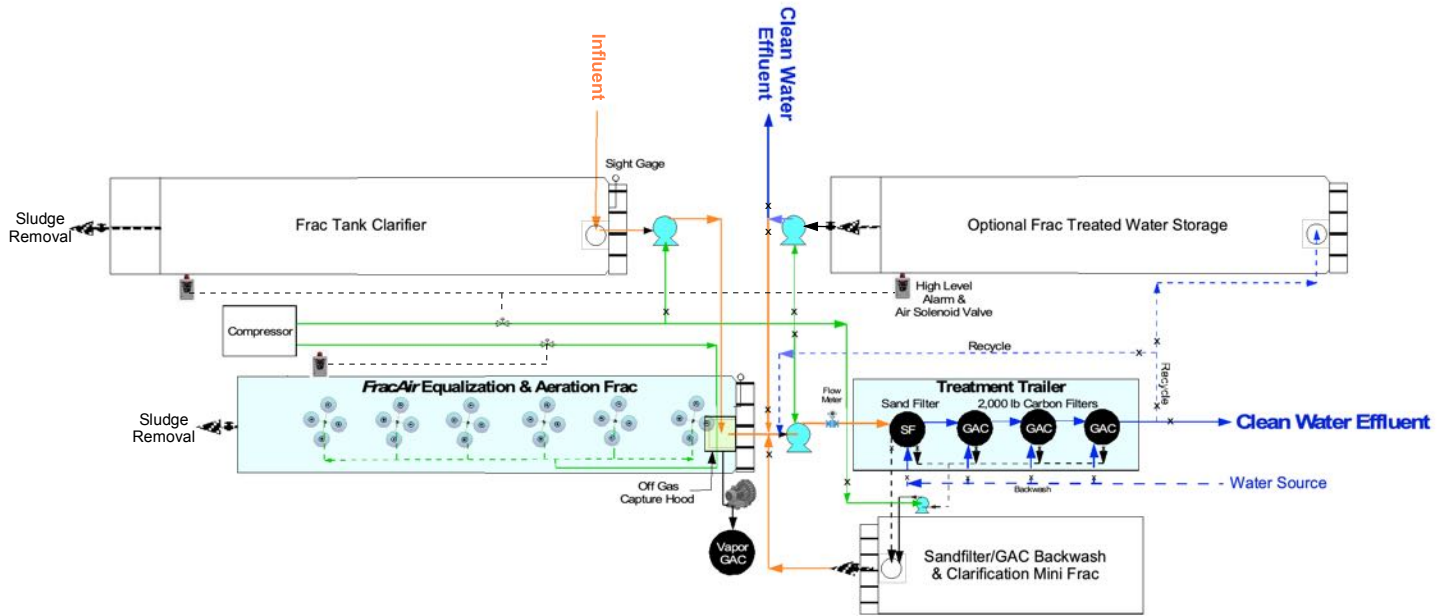
Remtech's FRACAIR system can be supplied with a pressure reducer and flow regulator for supplied air from high pressure tow behind compressors or plant air.

Open top manhole or closed flange air supply connections available for off-gas treatment by activated carbons, biobeds, or other odor treatment technologies.

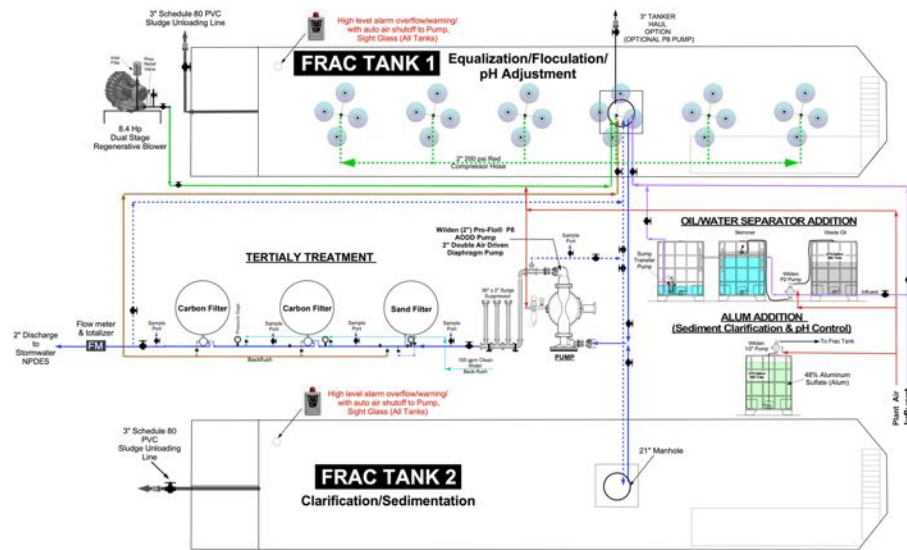


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# SAMPLE MOBILE FRAC TANK TREATMENT SYSTEMS



**MOBILE PFAS TREATMENT SYSTEM WITH REMTECH FRACAIR MAGNETIC AERATION SYSTEM**



**TEMPORARY REMTECH FRAC TANK MAGNETIC AERATION TREATMENT SYSTEM**



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