

Remtech's Frac Tank Mobile Water and Wastewater Treatment Systems with *FRACAIR* Magnetic Aeration (Patent Pending)



Remtech FRACAIR Magnetic Aeration System with Membrane Disc or Sintered Diffusers

Remtech has developed a proprietary magnetic modular wastewater treatment system that converts conventional rental FRAC TANKS into temporary mobile water and wastewater treatment systems during plant cleaning, repairs, or expansions. The [FRACAIR Magnetic Aeration System](#) provides adjustable airflow and retention times, enabling creating aerated grit chambers, equalization basins, flocculators, clarifiers, biological treatment, activated sludge, and sludge thickeners for biological or physiochemical treatment.

FRACAIR Features:

- ✓ Converts frac tanks or steel tanks into temporary treatment systems. Installs quickly in 10,000-to-21,000-gallon frac tanks via 20" manholes.
- ✓ Uses 80 lb magnets to secure diffuser clusters and flexible trunk and branch lines.
- ✓ Fine or coarse diffusers reduce Hp requirements over mechanical mixing by up to 80% per frac tank.
- ✓ Supports flow rates up to 200,000 gpd with parallel connections with up to 10 frac tanks.
- ✓ Counterweighted anchors are available for concrete basins, poly tanks, and lined basins.

FRACAIR System Enhancements:

- ✓ Two stage 5 to 10 Hp regenerative or rotary lobe blowers provide aeration if plant air is unavailable for up to three frac tanks.
- ✓ Piping and diffuser options range from PVC to stainless steel depending on wastewater compatibility
- ✓ Scalable to larger steel or membrane-lined tanks for flow rates exceeding 200,000 gpd.

FRACAIR Advanced Treatment Options:

- ✓ Serpentine neutralization, filtration (multi-media, carbon, ultrafiltration, reverse osmosis), disinfection, DAF, sludge dewatering, and more....

For more information, view a short [YouTube Video located at](#) <https://youtu.be/iPHvSfxNyll> or contact Remtech at remtech-eng.com and click on Store, Magnetic Aeration System.



Anti-Siphon with Check Valve Inlet Cage Prevents Water Backflow to Blower



FracAir fits on 4 ft x 4 ft pallet



Remtech's 5 Hp Single Phase Rotary Lobe Blower with Weather Enclosure



Remtech's 7.5 Hp 3-phase Rotary Lobe Blower with Weather Enclosure



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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



Anti-Siphon Light Cage Mounted on Frac Tank



FracAir Ships on 4 ft x 4 ft pallet



Sintered Diffusers Can be Rotated for Bottom Mixing

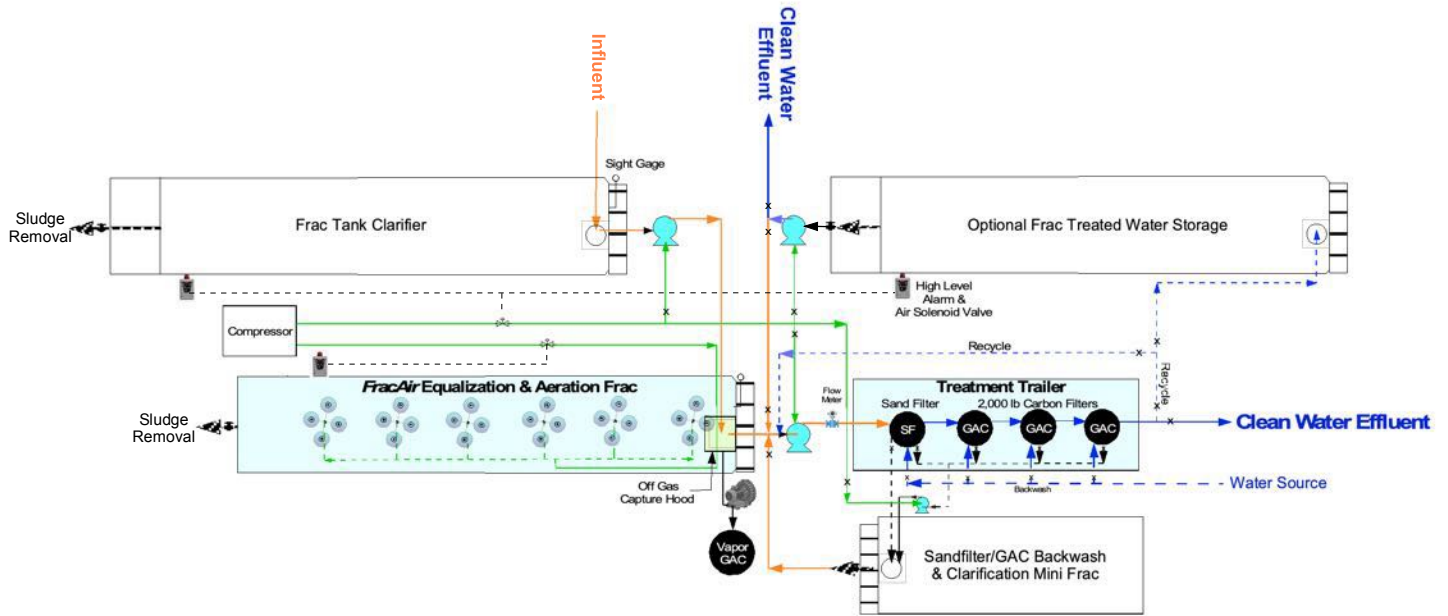
Remtech's *FRACAIR* system can be supplied with a pressure reducer and flow regulator for supplied air from high pressure tow behind compressors or plant air.

Sintered diffuser heads can be rotated to maintain solids in suspension.

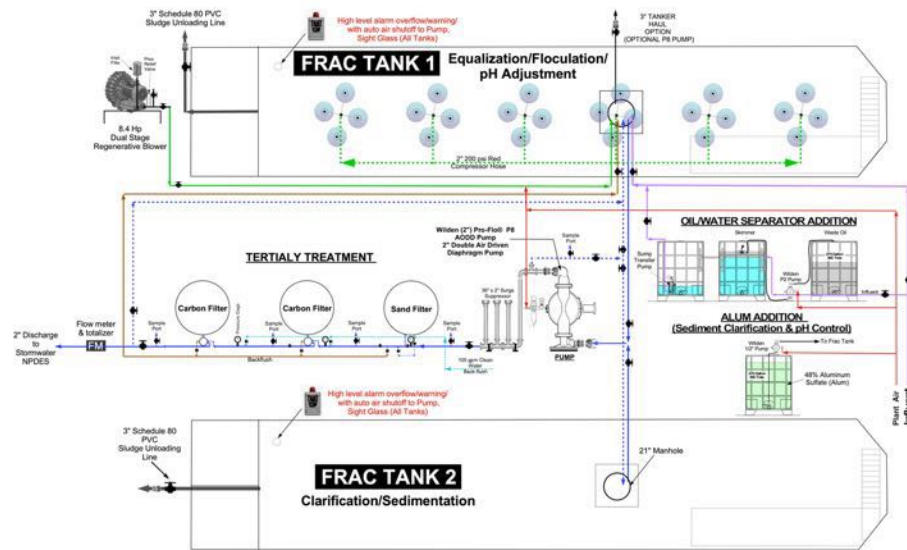


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SAMPLE MOBILE FRAC TANK TREATMENT SYSTEMS



MOBILE PFAS TREATMENT SYSTEM WITH REMTECH FRACAIR MAGNETIC AERATION SYSTEM



TEMPORARY REMTECH FRAC TANK MAGNETIC AERATION TREATMENT SYSTEM



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