

IRON REMOVAL UNITS

Engineered for Acid Recovery

Therma-Tron-X Environmental designs and manufactures iron removal systems that recover and recycle pickle acids while removing dissolved metals from wastewater treatment processes.



INNOVATION

- Ion exchange iron removal
- Continuous acid recovery process
- Reusable pickle acid system
- Skid-mounted design
- Designed to support continuous, reliable use with minimal intervention



QUALITY

- Industrial-grade system construction
- Integrated pre-filter options
- Durable skid-mounted platforms
- Flexible simplex to triplex designs
- Engineered and tested to ensure reliable startup and long service life



EXPERIENCE

- Advanced acid recovery systems built on proven industrial expertise.
- Complete project support from engineering and fabrication through startup and ongoing service



SUSTAINABILITY

- Reduce operating costs while improving their environmental footprint
- Allows acid to be reused indefinitely
- Reduces raw material costs, waste disposal costs, and storage requirements



Your Best Finish Starts With Us!

ENERGY EFFICIENCY

- Efficient and reuse process
- Reduced material consumption
- Lower operational waste
- Minimal maintenance required

CUSTOM INTEGRATION

- Compatible with citric acids
- Compatible with phosphoric acids
- Optional supply pumps and pre-filters

CUSTOMER BENEFITS

- Recover. Reuse. Reduce.
- Turn waste into value.
- Recover valuable process chemistry instead of replacing it.
- Lower total cost of ownership—not just disposal costs.
- Circular manufacturing and sustainable operations.

AVAILABLE CONFIGURATIONS

- Simplex systems
- Duplex systems
- Triplex systems
- Skid-mounted configurations



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