

Modular Series Chiller

Consistent Cooling That Keeps Concrete Production Moving

The American GeoThermal Modular Series Chiller delivers dependable chilled-water performance tailored to the tough demands of concrete batch plants. Each 15 ton and 30 ton module produces 35°F chilled water, helping reduce concrete temperatures by 8-12°F and replacing 50 lbs of ice per cubic yard on average. This ensures more predictable set times, better mix control, and smoother production during extreme heat.

Built for Demanding Concrete Environments

Designed for the tough, dust-heavy conditions of ready-mix and precast facilities, the Modular Series Chiller adapts easily to a wide range of plant layouts with stationary, mobile, or portable configurations.

Once integrated into the plant, the system circulates water through an insulated storage tank to maintain steady batchwater temperatures before batching, improving mix consistency year-round. Durable no-clog heat exchangers, optional cement-dust filtration kits, and proven field performance make the Modular Series Chiller a dependable, low-maintenance cooling solution for concrete producers, including those using hard or well-water.

Key Advantages

- Produces 35°F chilled water
- All-electric system; no fossil fuels required
- Stationary, mobile or portable configurations
- Available in 15 ton and 30 ton modules
- Scalable modular design for future expansion
- Integrates with insulated batchwater storage tanks
- No-clog heat exchanger designed for harsh water
- Reliable operation in 0°F to 125°F ambient
- 24/7 cellular remote monitoring
- Engineered, manufactured and tested in Murfreesboro, TN

