



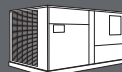
Commercial Air

COMMERCIAL AIR CASE STUDY

Rheem Revs Up Texas Motor Speedway with HVAC System Upgrades



Featured Rheem
Commercial Products:



Renaissance™ Commercial Packaged Units

The iconic racetrack delivers cool comfort in the heart of Texas thanks to Rheem.

There is a reason why more than 154,000 people flock to Texas Motor Speedway in Fort Worth, Texas, every race day. You can feel the thrill of each NASCAR race in your bones.

Standing in the grandstands, the adrenaline builds as cars whizz by at 225 miles an hour. If you're watching from one of the 200 luxury guest suites, the full sprawl of the 1.5-mile loop comes into full view, where you can see every exhilarating turn on the track.

On scorching days in the Texas sun, the excitement only adds to hot temperatures, which regularly top 100 degrees in the summer.



"In the Texas heat, we need a lot of cooling," says Mark Faber, executive vice president and general manager at Texas Motor Speedway.

It's why the famed racetrack invested in a new cooling system, replacing the original units that were installed for the track's 1997 opening. And they knew exactly who to call for the job: Rheem.

TEXAS MOTOR SPEEDWAY IN FORT WORTH, TX

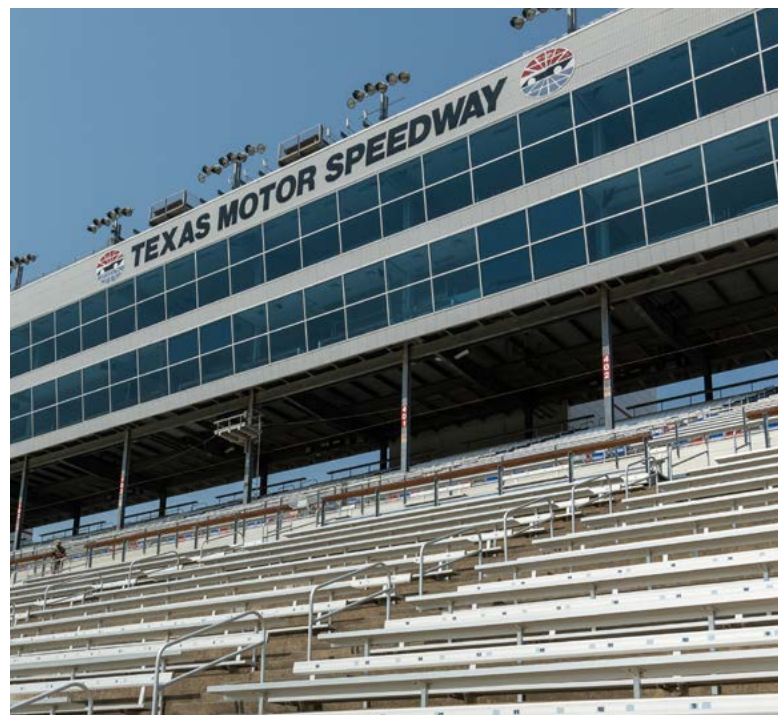


Cooling Needs at Texas Motor Speedway

Although most of Texas Motor Speedway's 1,500 acres—which include the racetrack, dirt track, NASCAR Cup Garage, offices, condominiums and more—are outside, its luxury guest suites are where select clientele come to watch the races in comfort, out of the sun.

But because the speedway's equipment was part of the original construction, the units were in need of an upgrade. At almost 30 years old, the equipment was not efficient, and with one HVAC unit per suite, those inefficiencies added up to higher energy bills.

To deliver the cool comfort required to keep guests comfortable, Rheem, Gemaire Distributors and Mechanical Partners, Inc. worked together to bring efficient, cooling commercial equipment needed at Texas Motor Speedway.



The Solution

Comfort, innovation, ease of install and service—when it came down to it, there was only one solution that lived up to the hype of Texas Motor Speedway: Rheem® Renaissance™ Commercial Air Conditioning.

Rheem, Gemaire and Mechanical Partners put together a plan to upgrade the packaged rooftop HVAC units with 10-ton Renaissance packaged units, all installed with VFDs for higher efficiency. Rheem Renaissance was also chosen thanks to features that make for seamless installation and serviceability, such as factory-installed economizers, Qwik-clean drain pans and Qwik-change flex fit filters.

“One of the things that I like that they do for us, and other manufacturers don’t do, is that the economizers are factory-installed,” says John Blackall, director of service at Mechanical Partners.

“That saves me one to one-and-a-half hours on install. And in general, they are easy to install and service because you have easy access to everything through the side panel. And on an install like this, time is money.”

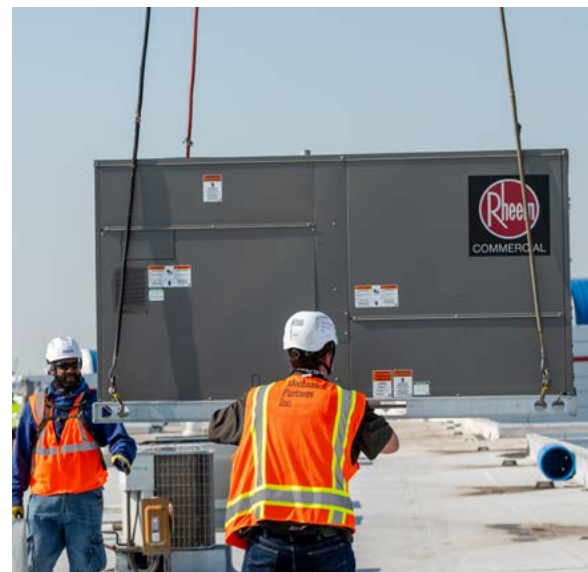
It’s not every day that you see commercial equipment dangling from a helicopter thousands of feet in the



air, either. But on an install like this, like the Renaissance units, it was the most efficient way to remove the old equipment and set the first 19 Renaissance units on the speedway’s roof—in less than two hours.

And if anyone knew what it would take to pull off the install, it was Blackall and the team at Mechanical Partners. He was part of the crew who installed the original units in 1997.

“This is the first time in my career that I’ve been about to do a change out like this,” he says. “Hopefully it’s the first of many. I’m looking forward to doing 20 to 30 more units next year.”



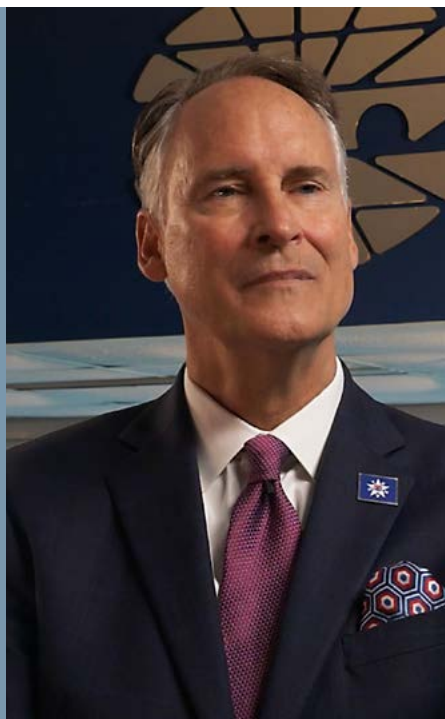
RHEEM COMMERCIAL CASE STUDY



Global name, credible name, powerhouse—those are the types of companies that we like to work with. Our experience with Rheem has been a bsolutely fantastic so far. **I wholeheartedly recommend Rheem.**”

Mark Faber

Executive Vice President and General Manager, Texas Motor Speedway



The Result

With the first upgrade phase of units installed, 19 of Texas Motor Speedway’s 64-person luxury suites are back to peak comfort, offering guests a “cool view” of the racetrack in more than one way.

“These particular units have VFD to vary indoor airflow to make sure it’s running as efficiently as possible,” says Laura Meyerrose, Rheem Commercial product manager. “For this space particularly, there is one unit per each suite, so the occupants inside can really tailor their experience.”

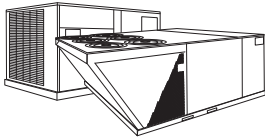
As the rest of the 150 units are replaced over the next several years, the partnership between Texas Motor Speedway, Rheem, Gemaire and Mechanical Partners will only grow, delivering comfort to thousands more spectators.

“Global name, credible name, powerhouse—those are the types of companies that we like to work with,” Faber says. “Our experience with Rheem has been absolutely fantastic so far. I wholeheartedly recommend Rheem.”



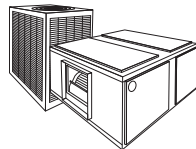
Visit rheemcommercial.com to learn more about installing Rheem’s commercial HVAC solutions on your next project.

Rheem Commercial Air Portfolio



Packaged Units

- 2 to 30 Tons
- Gas/Electric
- Air Conditioners
- Heat Pumps



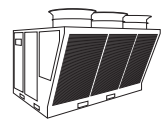
Split Systems

- 1.5 to 20 Tons
- Air Conditioners
- Heat Pumps



Mini-split Systems

- Single-zone (9k to 48k Btu/h)
- Multi-zone (18k to 48k Btu/h)
- Low Ambient Heating



Indoor Air Quality

- DOAS (5 to 50 tons)
- MERV 8 and MERV 13
- UV-C Light Kits

nearly 100 years of innovation

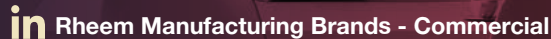
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Rheem Commercial Air products are designed using our unique 360+1 Design Philosophy that embodies our commitment to examine every aspect of all products developed from every angle to ensure the highest standards in performance, installability, serviceability and durability are delivered.

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