CircuitSolver®
A ThermOmegaTech® product

Project Case Study

The Austonian

200 Congress St. Austin, TX

Installation Site Overview



The Austonian is Austin's premiere luxury residence. Located in the heart of Austin's eclectic culture, it offers 360° views and unparalleled amenities to its residents, and has received a Four Star rating from Austin Energy Green Building. At more than 680 feet tall, *The Austonian* is the tallest residential tower West of the Mississippi River.

The Opportunity

Managers of *The Austonian* were not satisfied with the delivery time of hot water to each of the units. In some cases, 2-3 minutes were needed for warm water to reach fixtures. A team of engineers was assembled to find a solution and enhance hot water delivery times that the high-profile residents deserved. With more than 65 floors to retrofit, Circuit Solver was deemed the perfect solution for *The Austonian*'s domestic hot water system, and no other options were considered.

The Installation

Distribution lines are placed in the ceilings of corridors and branch into each residential unit. Certified plumbers installed Circuit Solver in each unit above the ceiling, near the return. Located behind false air vents for easy access, shut-off valves were placed on either side of Circuit Solver for easy maintenance in the future. A majority of the work was done in the corridors and entrance into the private residences had to be scheduled. Construction time in private residences was at a minimum, due to Circuit Solver's ease of installation.

The Result

Residents are more than pleased with hot water delivery times after the installation. Units with wait times of multiple minutes saw a dramatic reduction, fixtures now reached proper temperature in 20-30 seconds. As an added benefit, a reduction in utility costs was experienced as a result of less wasted water and utilization of lower horsepower pumps.

To see the story of The Austonian's experience with Circuit Solver, click here for an interview with the homeowner's representative.