



THE WILEY BUILDING

El Paso, Texas

APPLICATION:

The Wiley Building project, evolving from EPX General Contractors' headquarters to a multi-use facility, involved key players like EPX, Trinity Consulting, and B&C Mechanical. Varitec Solutions contributed throughout, leveraging applied systems expertise and industry relationships. The project introduced innovative HVAC solutions, including Daikin Applied Rebel units, AAON DOAS systems, and Dristeem humidifiers, ensuring optimal comfort, air quality, and energy efficiency for diverse occupants across restaurant and medical office spaces.

PROJECT TEAM:

Owner & General Contractor: EPX
Mechanical Engineer: Trinity Consulting
Mechanical Contractor: B&C Mechanical

DESIGN & PRODUCT SOLUTIONS

EPX General Contractors, as both owner and general contractor, initiated The Wiley Building project, which evolved from a new headquarters into a multi-use facility housing a restaurant and medical offices. The project's primary focus was to implement efficient HVAC solutions that could address the diverse needs of various occupants while ensuring optimal comfort, air quality, and energy efficiency. The design incorporated **Daikin Applied Rebel units** for cooling, **AAON DOAS units** for fresh air supply, and **Dristeem humidifiers** for precise humidity control in medical spaces.

The project involved collaboration between **EPX, Trinity Consulting, and Varitec Solutions**. Trinity Consulting handled the MEP design, with Fred Gatewood as the key contact. Varitec Solutions played a critical role throughout the project, from conception to final installation, ensuring everything went smoothly. They leveraged their knowledge and experience in applied systems, combined with strong relationships with the owner/GC, MEP, and mechanical contractor, to contribute significantly to the project's success.

The project showcased several innovative products, including Daikin Applied Rebel units, chosen for their **variable-speed inverter compressors, electronic expansion valves**, and various options for **economizers and air treatment**. AAON DOAS units were selected for their energy-efficient airflow and high static pressure capabilities. Dristeem humidifiers were incorporated for their energy efficiency and precise controllability in medical office and lab environments. The installation posed some challenges, particularly with using a very large crane to lift three applied package units up five floors and adapting to the addition of an entire fifth floor to the originally planned four-story building. Despite these challenges, the installed systems have shown **great results with almost zero issues** after installation, demonstrating excellent performance in meeting the diverse needs of the facility's occupants.



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