

Healthcare

New buildings, expansions, remodeling and retrofitting – we understand that in the healthcare industry, your mechanical needs vary and are often complex. At TP Mechanical, we have the experience and knowledge to take on the most challenging projects. With tight timelines and complicated, interconnected systems, you need a mechanical contractor who is prepared to bring the latest technology to every project.

- Enhanced infectious control through prefabrication in a controlled environment
- Speed to occupancy and the ability to meet tight timelines
- Lower costs using lean manufacturing and lean construction techniques
- LEED principles for less waste, less scrap and recycling of unused materials
- Strict quality control inspections
- Superior onsite safety practices

ENGINEERING EXPERTISE

Our engineering team applies Building Information Modeling (BIM) and value engineering to projects to ensure your job is completed in budget and on schedule. On previous healthcare projects, our team has taken on challenging hook-ups from existing buildings to large additions, complicated remodels of older facilities and systems for laboratories and research facilities.

INNOVATIVE APPROACH

Whether you're looking to incorporate prefabrication or incorporate LEED initiatives, the TP Mechanical team has the skills you need to be a leader in the industry. Our in-house prefabrication shop gives you significant time savings by constructing plumbing walls and medical gas delivery systems off-site for a faster onsite installation.

We work regularly with the region's leading general contractors for hospital construction – Turner, Messer and Skanska – and our resume includes some of the largest and most advanced healthcare facilities in the area.

SOME RECENT HEALTHCARE PROJECTS:

- Kindred Hospital Relocation Project
- Norton Cancer Institute
- Mercy Hospital – Fairfield
- Cincinnati Children's Hospital Medical Center
- University of Louisville – Belknap Research Building
- University of Kentucky – College of Pharmacy
- Twin Lakes at Montgomery
- Grant Medical Center – Women's Health Unit
- Miami Valley Hospital – South Bed Tower
- Mount Carmel New Albany Hospital – OR and Bed Expansion Project
- Columbus Nationwide Children's Hospital

PROJECTS INCLUDE:

- Hospitals
- Assisted Living/Post-acute Facilities
- Surgery Centers
- Medical Campuses
- Ambulatory Care
- Outpatient
- Psychiatric
- Medical Office Buildings
- Research Centers and Laboratories





Kindred Hospital Dayton: A Case Study

When Kindred Hospital Dayton, a long-term acute care hospital specializing in rehabilitation, decided to relocate, TP Mechanical helped get the job done on schedule. Kindred remodeled the former Dayton Heart Hospital, and the project included an aggressive schedule and a challenging plumbing remodel – converting a short-term stay hospital into a tenant-ready long-term care facility.

TP Mechanical used its in-house CAD team and prefabrication facility to tackle the intricacies of renovation and remodeling. On-site, the team performed appropriate demolition, removal of plumbing systems, removal of piping, capping out mains and modifying plumbing service throughout the building. The fabrication team use a streamlined ceiling rack system to deliver domestic supply, return water and medical oxygen with direct and swift connections to the patient rooms. TP Mechanical also designed and completed medical gas panels for oxygen service on the third floor.

The hospital's previous Dayton facility was only 30,000 square feet. Now, they're operating in 132,000-square-foot facility with 67 beds, including 12 intensive care beds.

“[TP Mechanical team members] provided a wealth of insight on how to work through the challenges we uncovered in this building. . . [They] had passion for quality craftsmanship and finding proactive ways to increase production all while being one of the safest crews on site.”

- Philip Daugherty, Senior Project Superintendent, Kitchell Contractors

