

Anschutz Health Sciences Building

Building Size: **390,000 sf**

Location: **The University of Colorado in Aurora, CO**

Contractor: **MTech**

Sales Rep: **CFM Company**

Products: **SDV with hot water coils and factory mounted piping packages**

Engineer: **Cator Ruma Associates with the architect of record Anderson Mason Dale and ZGF**

The Anschutz Health and Wellness Center at the University of Colorado, Aurora is a seven-story facility with a lower level Vivarium and interstitial space, with a focus on providing innovative, everything-under-one-roof solutions to the obesity epidemic. The building incorporates a dynamic two-story lobby, a clinical trials research center, demonstration kitchens, nutrition labs, a fitness center and a roof garden featuring mountain views of the Colorado range.

With such a large-scale project, the team at MTech needed approximately 500 terminal units throughout the building. Typically, hydronic control piping packages for terminal units are assembled piece by piece in the field and mounted to the terminal units on the jobsite. The sales team at CFM was introduced to Price Factory Mounted Piping Packages during a Price webinar and realized how this innovative piping accessory would be a major time and cost saver for this project. By allocating the piping package mounting to Price, project stakeholders including engineers, contractors, and building owners can take advantage of lean-factory manufacturing and quality assurance procedures to allow for quality improvements and time savings on the jobsite.

"Price's Factory Mounted Piping Packages allows for consistency of installation, meaning all elements were installed properly and in the right orientation, increasing our overall labor productivity."

— Connor Hart, Project Engineer, MTech Mechanical

From the start, the Terminals Team worked closely with MTech to create a mock-up on all possible configurations so that key project stakeholders could review the product and make slight modifications prior to the units hitting the jobsite.

"The Price team was extremely helpful when issues arose and never turned down the opportunity to help our team add additional options, coordinate solutions, and provide a better product for our field team to install. We will 100% use Factory Mounted Piping Packages again in future projects."

— Connor Hart, Project Engineer, MTech Mechanical

The design and installation coordination savings associated with Factory Mounted Piping Packages allowed the team at MTech to save up to 3 hours of field labor including pipe fitting and low voltage contractors for every assembly, in comparison to the traditional field installed packages. While more time was required for thorough pre-planning activities, many resources-consuming hurdles were avoided as productivity was doubled and material handling costs were reduced.

All Price Industries facilities that manufacture Piping Packages are registered ISO-9001-2015 factories, meeting the international requirements of a Quality Management System. As clean air and a healthy population go hand in hand, terminal unit selection and appropriate piping accessory application are significant contributors to the thermal comfort of the occupied space, and overall energy consumption.

