CircuitSolver® A ThermOmegaTech® product

Project Case Study

Inspira Health

155 Bridgeton Pike, Mullica Hill, NJ 08062

Installation Site Overview

Inspira Health operates a variety of healthcare facilities throughout southern New Jersey, including *Inspira Health Center Mullica Hill Commons* in Mullica Hill, NJ. Opened in November of 2019, the 5-floor *Mullica Hill Commons* facility is a state-of-the-art general medical and surgical center, featuring specialized obstetrics and gynecology services.



The Opportunity

A new construction, *Mullica Hill Commons'* contractors relied on the expert advice of the design engineers to specify products that would meet the needs of a dynamic healthcare DHWR system. The CircuitSolver® Union Assembly Strainer (CSUAS) balancing valve was specified at 140°F to satisfy the designs hot water requirements and reduce installation time. The CSUAS comes preassembly with the CircuitSolver® thermostatic balancing valve with an integrated union, two ball valves on either side, and an integrated strainer.

The Installation

In accordance with the project specifications, MMC Contractors installed 102 CircuitSolver® Union Assembly Strainers throughout the system saving significant time by not having to manually install each component. CircuitSolver® valves were installed at the end of each domestic hot water branch in place of manual valves to provide a balanced system. "There was no balancing necessary because these valves are self-adjusting," Mike Formica of MMC Contractors commented. "The CircuitSolver® is the fastest and easiest way to balance a system."

These self-actuating, thermostatic valves automatically and continuously adjust system flow to maintain a specified temperature at the end of hot water supply line by monitoring water temperature, eliminating manual balancing as well as the possibility of callbacks for adjustments to meet changing system demands.

The Result

Soon after startup, the facility was supplied with hot water throughout the building without any balancing procedures. *Inspira Health Center Mullica Hill Commons* opened on November 8, 2019 to much fanfare and celebration and, thanks to CircuitSolver®, the staff of *Mullica Hill Commons* will be spending many years caring for their patients with instant hot water at the turn of a tap.