

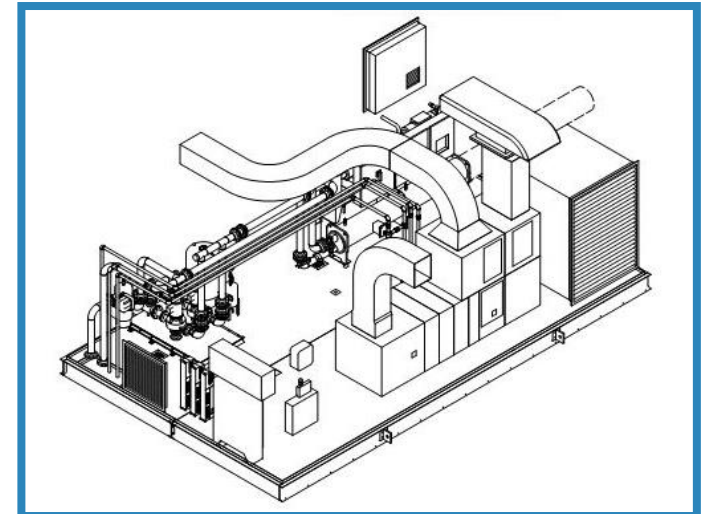
Combination Chiller/ Air Handling Plant with Enclosure

Project Overview

Designed for a medical facility in upstate New York, this combination chiller/air handling system is a complete modular HVAC solution.

To avoid the structural issues sometimes encountered with these types of systems, Systecon engineered a weatherproof, outdoor rated enclosure and utilized an indoor rated AHU. This ensured that the structural requirements needed for heavier pieces of equipment, such as the chiller, were met.

In addition to all of the chilled water equipment, power distribution and controls systems, Systecon also provided all of the air side components including the insulated ducting to form a complete plug and play system.



Key System Components

- (1) 90 ton Trane M/N: RTUD090A2 helical rotary chiller
- (1) Trane M/N: CSAA air handler
- (2) 7.5 HP Patterson M/N: V3C9A-CC vertical inline, closed coupled pumps
- (1) 1/4 HP Bell and Gossett M/N: e-90 1AAB vertical inline, closed coupled pump (freeze protection pump)