

PROJECT PROFILE

Community Health Center | Fort Dodge, IA

Ventilation Solution

Nova C20 with VRV Integration

Project Requirement

Low Profile Solution

Project Type

Retrofit

Engineer

KCL

Manufacturer's Rep

Mechanical Sales

Mechanical Contractor

Midstate Plumbing & Heating

Challenge

The Fort Dodge Community Health Center underwent an HVAC system upgrade in December of 2019. The project required a low-profile unit to easily navigate into the basement of the building.



Solution

Nova's flexible configuration options allowed the ventilation system to be installed vertically with custom duct connection arrangements selected by the contractor. The building was converted to a VRV system and Oxygen8's ability to decouple DX coil to a separate condensing unit gave the flexibility to locate the casing where space allowed in the tight mechanical room.

Installation

Though there were initial issues with the procurement of the DX coil, Oxygen8 effectively communicated updates during the process. The Mechanical Sales and KCL were able to problem solve with the contractor to find a solution which did not hold up construction activities.

