

Case Study Report

Company Profile

Auglaize County Courthouse Renovation



Methods Employed:

Perfection installed a \$1.2 million design-build HVAC and controls system which was part of the \$8.6 million complete restoration of the County Courthouse.

Background:

The existing system was a century old coal fired steam boiler with split unit air conditioning scattered randomly throughout the building. The air conditioning system in one of the courtrooms was so loud that it needed to be turned off when the room was in use.

Solution and Results:

Perfection installed a state of the art water source heat pump system with high-efficiency boilers, cooling tower and direct digital controls. The new system has dedicated fresh air systems with heat recovery wheels to maintain proper air quality. The building is 49,200 square feet and Perfection expects the BTUs per square foot to be 40% less than with the old system.

PRODUCT IDENTIFICATION

Customer:
Auglaize County

Location:
Wapakoneta, OH

Contractor:
Perfection Group, Inc.

Business Need:
Complete mechanical, electrical and plumbing restoration

Solution/Results:
\$1.2 million design-build HVAC and controls system.

Original 22,000 lb. courthouse boiler



New 375 lb. courthouse boiler

Contact Perfection Group today to learn more about our Mechanical and Service capabilities.

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Existing Coal Boiler from 1902



New High-Efficiency Boilers 2012



Presenting the Commissioners with a framed piece of glass from the original courthouse on September 25, 2012 at the newly renovated courthouse.

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