

# Wayne County Library HVAC Upgrade

Project Location: Wooster, Ohio

Project Date: 2002



## Project Description:

A major HVAC upgrade was performed to rebuild a custom high pressure dual duct air handling unit and to replace an aging boiler plant.

The boiler plant upgrade replaced a single hydronic boiler with two new modular copper fin tube boilers each with an input capacity of 750 MBH. The replacement also included new pumps and other hydronic specialties.

The Air Conditioning upgrade consisted of rebuilding the failing Air Handling Unit rather than replacement due to rig limitations and minimal desired downtime. The rebuild included new fan bearings and v-belt drives, new damper actuators, a new custom designed cold deck section with new evaporator coils and drain pans, an ultra-violet sterilization system, new refrigerant piping and a new remote air cooled condensing unit.