

Boiler Upgrade for Historic Mansion in Hershey, PA

Two new Burnham model MPC™ high efficiency commercial boilers were recently installed by The Witmer Company of New Holland, PA in the historic “High Point” Mansion located in Hershey, PA. The Model MPC boilers will provide space heating for the 22-room Mansion which was built in 1908 as the home of Milton and Catherine Hershey. Mr. Hershey was the founder of the Hershey Chocolate Company, now known as The Hershey Company. Today, “High Point” Mansion serves as the headquarters location for the Hershey Trust Company which, among other things, oversees the continued philanthropic efforts that were founded by Milton Hershey.



Two, five-section model MPC boilers were selected to provide heat for the building through a combination of 5 air handlers, 52 fan coils and commercial finned tube radiation. The MPC's are well suited for the job with their unique 3-pass flue design and Return Water Mixing Tube, which translates into exceptional heat transfer as well as the ability to accept return water temperatures as low as 80°F. The MPC's are manufactured in nearby Lancaster, PA using BC25-HSi cast iron sections, which contain high levels of silicon for exceptional flexibility and heat transfer capabilities.



Even at start-up a big difference could be noticed – the boiler room temperature had dropped 30-degrees from the previous boilers. The MPC's 4-inch insulation blanket insulates the boilers so well that the jackets stay cool to the touch, and the boiler room at the Hershey Mansion is now a much more comfortable place to work.

Heat transfer and high efficiency is only part of the equation in this new installation, with a variety of heat distribution systems and controls the MPC's needed to integrate with an advanced control system. The power burners were ordered with the powerful new Burnham SBC™ – or Sage Boiler Control, which made the control portion of this job simple for the Witmer crew. The SBC's control many of the boiler room functions such as outdoor reset, multiple boiler modulation, lead-lag boiler rotation, combustion air louvers, and pump controls, all without the need for additional control systems. And the SBC's tie right into the existing building management system so the whole system works together to deliver comfortable, efficient heat throughout the beautiful historic Hershey Mansion.