



St. Mary of the Snows Boiler Replacement



Location

Milford, MI

Engineer

R.L. Deppmann

Southfield, MI

Installing Contractor Mechanical Services

Fenton, MI

The RLD Project Team

Chris Lieder

Mark Fine

Challenge

In 2014, St. Mary's Parish Council wrestled with choices for their replacement boiler. Several members of the parish who worked in or retired from the HVAC industry showed interest in condensing boilers. The challenge was understanding whether the additional cost of condensing boilers would truly be a good value.

Why R.L. Deppmann?

Members of the St. Mary's parish were in the HVAC business and knew that Deppmann had both the products that they were considering as well as a deep knowledge of boiler systems. Most importantly, they trusted Deppmann to help identify the best solution for their beloved parish. Deppmann worked with the installing contractor to develop a comprehensive cost-benefit analysis. This detailed energy analysis compared a condensing vs. a traditional non-condensing boiler solution. Results showed that the condensing boiler solution was the better choice for the parish, if they made minor changes to how they operated the boilers and how temperatures were reset through the season.

Solution

The St. Marys team chose the Laars Neotherm condensing boilers coupled with Bell and Gossett PL series pumps. CSM Mechanical installed the boilers and commissioned them. The system has been in operation for two seasons and the parish council is thrilled with the results. The Church experienced a **37% reduction in gas bills**, as well as lower electric costs. What makes the savings even more remarkable is that the bills include the operation of a gas fired rooftop unit with larger capacity than the boilers!



"Often you make an investment in products that are sold as high efficiency and wonder afterwards if it was worth the cost. The Laars Neotherm boilers purchased through R. L. Deppmann are clearly improving the operation of our plant while significantly reducing our costs. Well worth the investment."

- Kevin J. Makie, St. Mary of the Snows

