

FULTON BOILERS REDUCE ENERGY USE BY 27%

Corn Palace – Mitchell, SD

In 2003, the famous, "world's only" Corn Palace, in Mitchell, SD replaced its aging existing boilers with Fulton High Efficiency Modulating Condensing boilers. Under the engineering direction of Bob Eversen at Roby, Quintal, Eversen Engineers, the Corn Palace installed three (3) Fulton PHW2000 boilers with input capacities of 2,000 MBH and a maximum efficiency of 98%.



Mark Schilling, Corn Palace Director, indicated that they are "very pleased with the new boilers". He also stated "We have seen a **27% decrease in the utility bills** and the guest comfort has been much easier to maintain".



Dan Soffa, Ryan Company Salesman, added, "the customer wanted an industrial grade boiler with a small footprint and small diameter venting".

The Fulton pulse boiler is completely constructed of steel and stainless steel. It has no minimum flow or minimum temperature requirements. The pulse combustion process eliminates the need for a power burner or blower. It is available in sizes of 300, 500, 750, 1000, 1,400, 2,000, and 3,000 MBH Input.

Since 1990, Ryan Company has sold over 500 Fulton pulse combustion boilers.

The original Corn Palace, called "The Corn Belt Exposition" was established in 1892. Early settlers displayed the fruits of their harvest on the building exterior in order to prove the fertility of South Dakota soil. The third and present building was completed for its first festival at the present location in 1921. The exterior decorations are completely stripped down and new murals are created each year. The murals are designed by local artists. New materials are applied to the building with each mural depicting an important facet of the lifestyle of South Dakota. These murals require thousands of bushels of corn, grain, grasses, wild oats, brome grass, blue grass, rye, straw and wheat each year. The Corn Palace serves as a multi-use center for the community and region. The facility hosts stage shows, as well as sports events in its arena. The World's Only Corn Palace is an outstanding structure which stands as a tribute to the agricultural heritage of South Dakota.



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