

## KEY INFORMATION

INSTALL DATE: 04/03/2015

TRIAL PERIOD: 1 MONTH

REPORTED SAVINGS:

**21.58%**  
**\$608.44**  
**5,579kg (CO<sub>2</sub>)**



RapidBoil was installed into a manufacturing facility by The Wagner Companies

A trial of RapidBoil was conducted by the US manufacturing company Wagner at their manufacturing facility in Milwaukee, Wisconsin. Wagner Companies are metal fabricators and manufacturers of architectural railing. The system was calculated to contain 35 US Gallons (about 133L) of water. 3 x 0.132 US Gallon bottles (1.5L in total) of RapidBoil was installed into the building on the 4th March 2015. The trial utilised actual meter readings taken at the end of each month to identify the monthly gas consumption. The Heating Degree Day (HDD) data was supplied by the Wisconsin Department of Administration, Division of Energy with a baseload of 65°F.

## RESULTS

Monthly usage for March 2015 was compared with March 2014 and compensated using the available HDD data.

Period	Usage (therms)	Degree Days (DD)	Usage/Degree Days (therms/DD)
MARCH 2014	5,193	1,110	4.68
MARCH 2015	3,419	931	3.67

Compensated Saving: 21.58%

*"It is obvious from looking at the data that we have already started to see savings in our natural gas bill. The cost per heating degree day is down significantly from last year. This observation is reinforced by the calculations done in the experiment/testing portion of this paper where we see that the savings in the month of March is \$608.44."* Sustainability Specialist - Wagner Companies