

TOTAL SAVINGS:

17.4 %

FINANCIAL SAVINGS: \$972 (CAD)
CO₂ SAVINGS: 7090kg
Installed: NOV 2016
Trial period: 3 Months
Volume installed: 21 Liters
Boiler Spec: 6000,000 Btu/h Superhot



Merante Manor is an apartment complex located in Calgary, Canada.

In order to reduce natural gas utility consumption, **RAPID BOIL™** was used to increase effective surface area heat transfer within the hot water piping and components.

Merante Manor primary space and domestic hot water heating is provided by one natural gas mid-efficient 600,000 Btu/h Superhot brand boiler.

1% **RAPID BOIL™** was injected into the 2019L system on November 20th, 2016. All monthly natural gas meter readings were provided by Mainstreet Equity. Monetary savings were confirmed by Mainstreet Equity’s CFO.

RESULTS

Trial Period	Calculated Natural Gas Usage (kWh)	Actual Natural Gas Usage (kWh)	Heating Degree Days (HDD)	Difference Usage Factor kWh/HDD	CUSUM Total Savings
2016 Dec	61,184.62	47,638.53	887.9	-15.25	-15.25
2017 Jan	67,570.63	58,379.18	758.9	-11.65	-26.90
2017 Feb	77,839.33	63,891.70	696.5	-20.03	-46.93

Compensated Saving 17.4% which equates to \$972 (CAD) in savings in the first three months.