

## 166 Lakeshore Road East Oakville, Ontario

### Case Study

Reduced Heating Costs by 16.74%

Pay back of 2.38 years

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### Site Description

- 2 storey, brick “Heritage Building”
- retail banking on main floor, Regional Office on second floor
- heated by atmospheric hot water boiler
- free standing, cast iron radiators

### Project Objective – Single Measure Energy Conservation:

Install Novitherm Heat Reflectors behind radiators to:

- reduce fuel consumption and costs
- improve comfort levels for tenants
- improve environmental conditions inside and reduce CO2 emissions
- decrease the design hot water temperature

### Results:

**\*based on Heating Degree Day Analysis (Dec 1997 - May 1998 Vs. Dec 1996 – May 1997)**

- cleaned dirt, dust and debris from radiators
- improved tenant comfort levels
- 1,282 m<sup>3</sup> reduction in gas consumption
- decreased heating costs over previous year by approximately 16.74%
- reduced greenhouse gas by 2.4 tonnes
- boiler temperature reduced by 20°F
- pay back period of just 2.38 years

