

## 345 Merton Street Toronto, Ontario

### Case Study

Reduced Heating Costs by 11.3%

Pay Back of 1.2 years

345 Merton Street Toronto, Ontario

### Site Description

- 10 storey apartment building
- 109 suites
- property managed by Numert Investments
- heated by two atmospheric hot water boilers



### Project Objective – Single Measure Energy Conservation:

Install Novitherm Heat Reflectors behind convectors to

- reduce fuel consumption and costs
- improve comfort levels for tenants
- improve environmental conditions inside and reduce CO2 emissions

### Results:

**\*based on Heating Degree Day Analysis (Nov 2003 – Mar 2004 Vs. Nov 2004 – Mar 2005)**

- cleaned dirt, dust and debris from convectors
- improved tenant comfort levels
- 16,886m<sup>3</sup> reduction in gas consumption
- decreased heating costs over previous year by approximately 11.3%
- reduced greenhouse gas by 31.9 tonnes
- pay back period of just 1.2 years
- tenants open windows for fresh air; controls were not adjusted