

# REEP Home Profile

## Row Houses Built in the 1970's



### TYPICAL ROW HOUSE DWELLING IN WATERLOO REGION

(Average of 61 Houses)

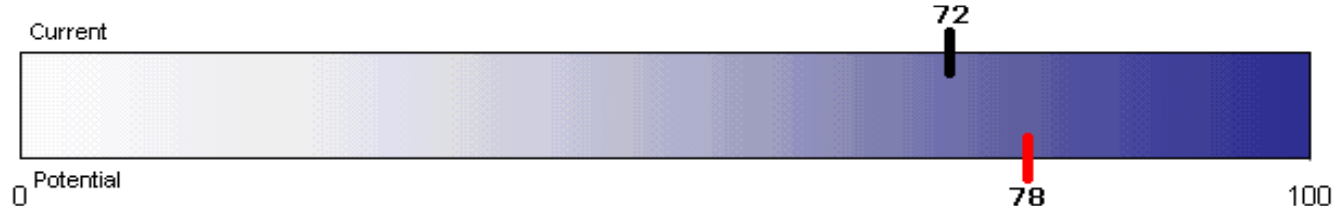
- Size = 154 m<sup>2</sup> (1,711 ft.<sup>2</sup>)
- EnerGuide for Houses Rating = 72
- Energy Consumption = 130,545 MJ
- Estimated Leakage Area = 1,015 cm<sup>2</sup>

### TYPICAL ENERGY PROBLEMS

- poor air quality
- poor windows poorly installed
- clogged air filters
- lower efficiency furnaces

### TYPICAL ENERGY SOLUTIONS

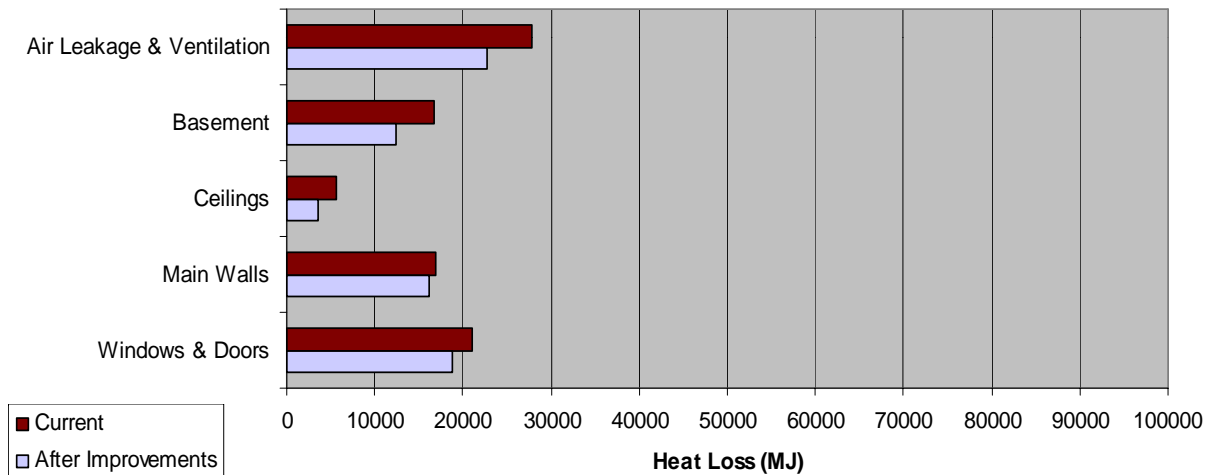
- properly functioning exhaust fans
- regular maintenance of systems moving air, especially heat recovery ventilator
- upgrade to higher efficiency furnace



**Rating Change = +6**  
**Annual Energy Savings = 22%**

**Upgraded EGH Rating = 78**  
**Upgraded Energy Savings = 29,236 MJ**  
**Upgraded CO<sub>2</sub> Savings = 1,690 Kg**

Heat Loss by Area



### Upgraded Fuel Consumption

