

REEP Home Profile

Row Houses Built in the 1960's



TYPICAL ROW HOUSE DWELLING IN WATERLOO REGION

(Average of 21 Houses)

- Size = 127 m² (1,411 ft.²)
- EnerGuide for Houses Rating = 72
- Energy Consumption = 120,084 MJ
- Estimated Leakage Area = 971 cm²

TYPICAL ENERGY PROBLEMS

- poor air quality
- windows poorly installed
- clogged air filters
- lower efficiency furnace
- poor insulation in attic and basement

TYPICAL ENERGY SOLUTIONS

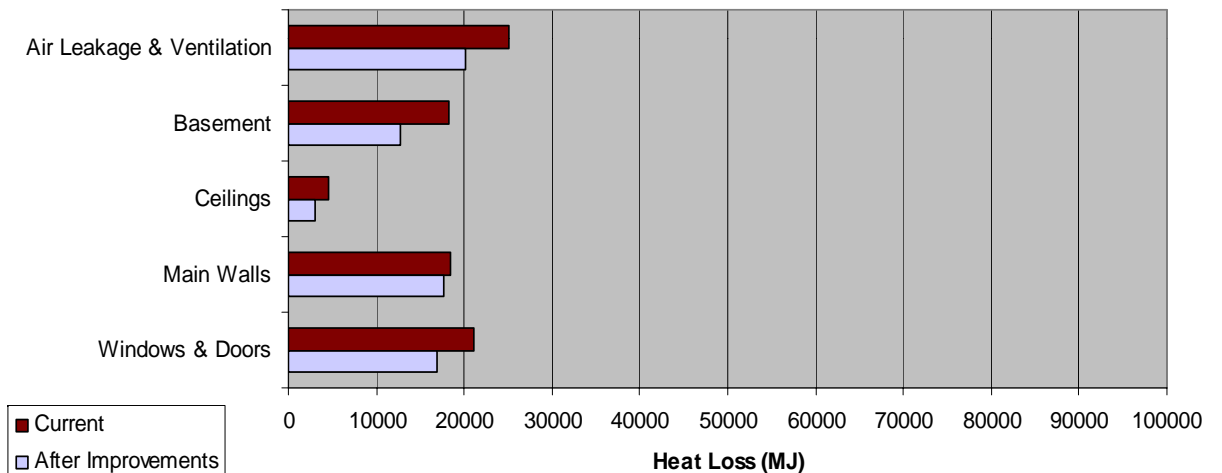
- properly functioning exhaust fans
- regularly maintenance of systems moving air, especially the heat recovery ventilator
- upgrade to high efficiency furnace
- add insulation in attic
- insulate top of basement



Rating Change = +5
Annual Energy Savings = 18%

Upgraded EGH Rating = 77
Upgraded Energy Savings = 21,897 MJ
Upgraded CO₂ Savings = 1,929 Kg

Heat Loss by Area



Upgraded Fuel Consumption

