



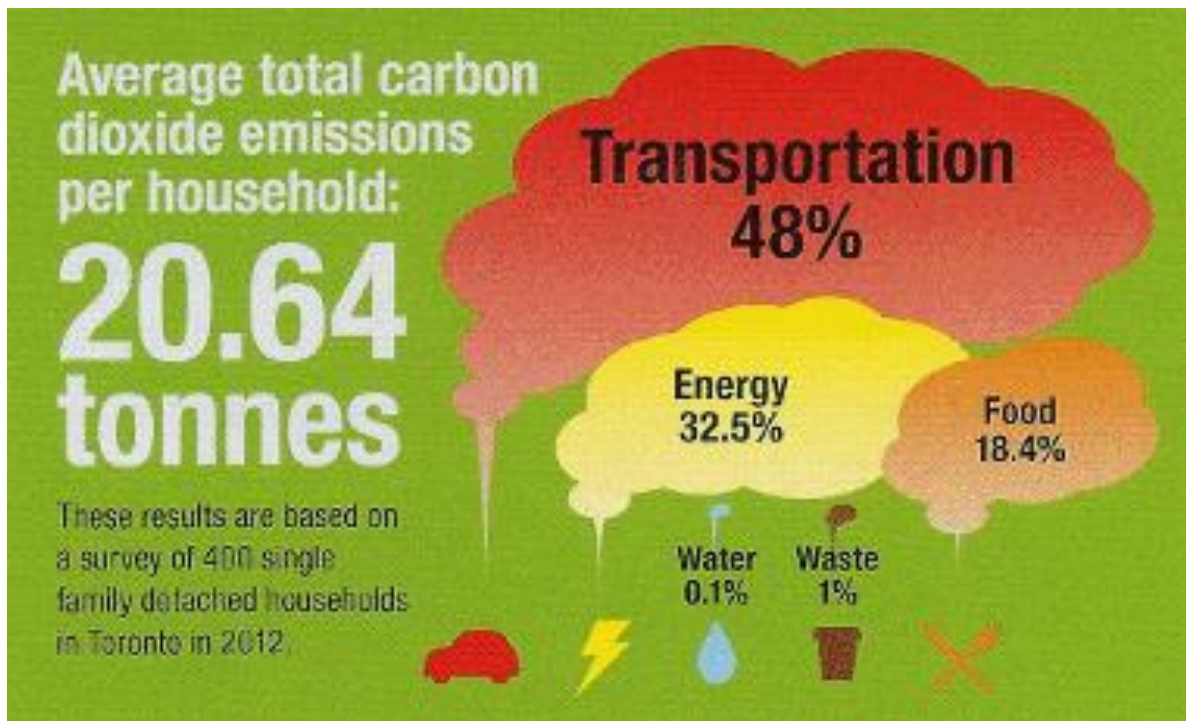
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Services

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GREEN HOME UPGRADE PROGRAM

Reduce carbon emissions by 2 to 4 tonnes annually and save money.

No up-front costs and savings are more than financing costs.



Eligible Housing

- propane and oil heated homes



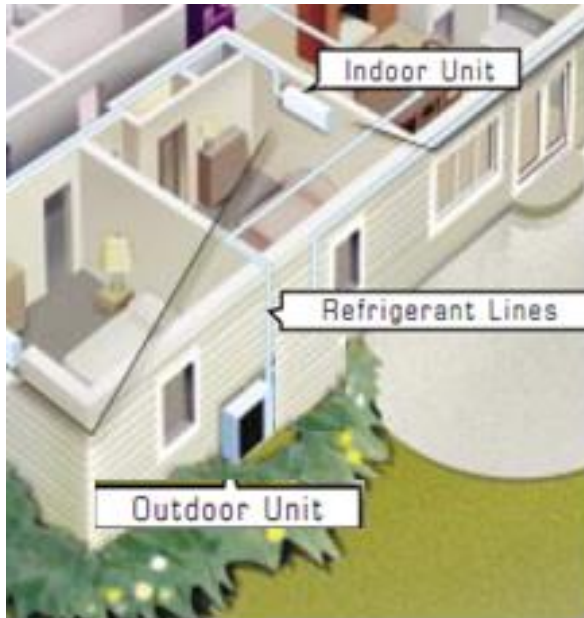
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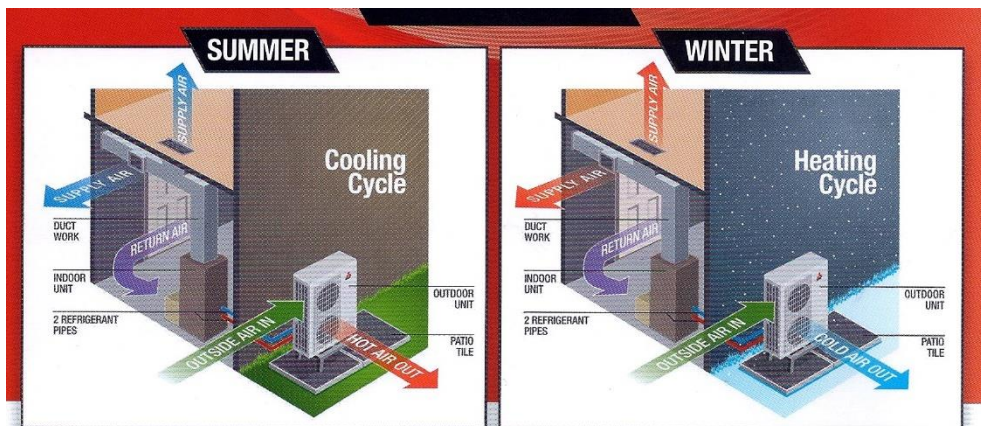
Five options to choose from:

1. Electrical Heat Pumps

Ductless



Central – Replacement or Hybrid

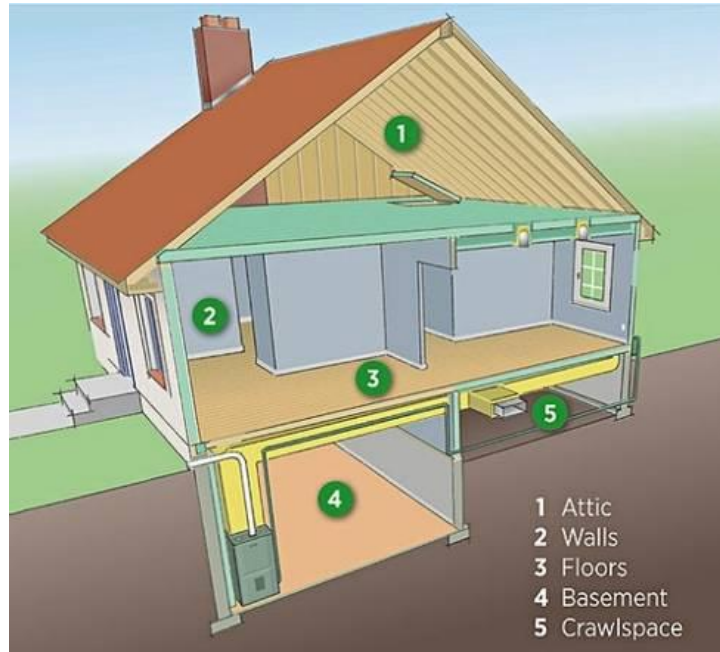




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2. Attic and Basement Sealing and Insulation



3. Heat Recovery Ventilator (HRV)





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4. Solar Electrical Panels



5. Emergency Power Backup





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Financing up to 15 years as low as 5%

Monthly cash flow always positive

Property value increase 5 to 15%

Example

Propane Furnace Heated /Electric A/C Homes

- hybrid heat pump,
- sealing/insulation,
- solar panels
- HRV for house

Cost: \$1263 per year

Savings: \$2683 per year

Yearly Balance: \$1420

Carbon Savings: 4.7 tonnes per year



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Hybrid Heat Pump							
Propane heated home and elec. A/C							
30,650 kWh(110 GJ)/yr							Tonnes
	Capital	Finance	kWh/yr		Cost	Net	Carbon
Improvement	Cost		Savings	%	Savings	Surplus	Savings
Hybrid Heat Pump	\$5,000	\$571	16,488	54%	\$1,614	\$1,043	3.1
Insulation packages	\$2,000	\$228	3,065	10%	\$272	\$43	0.6
HRVs	\$1,060	\$121	4,598	15%	\$408	\$286	0.9
Solar Array, 3 kW	\$3,000	\$343	3,000	10%	\$390	\$47	0.2
Total	\$11,060	\$1,263	27,150	89%	\$2,683	\$1,420	4.7
Financing at 10% 20 yrs. Factor	0.1142						
Electricity cost, /kWh	\$0.13						
Propane cost /kWh	\$0.094						
Carbon kg per kWh, elec.	0.07						
Carbon kg per kWh, gas	0.185						