

Residential Energy Audit



Name:	Telephone:
Address:	
Completion Date:	

Outside Inspection

COMPONENT	RECOMMENDATIONS	MY HOME
Windows	Double Glass or Storm	
Caulking	Continuous and soft	
Close tightly	Firm fit all around	
Glazing	Continuous	
Doors	Insulated or Storm	
Caulked	Continuous and flexible	
Close Tightly	Firm fit all around	
Siding	Weathertight	
Exhaust Vents (Dryer, Bath)	Outside flap closes tightly, duct clean	
Roof Ventilation	Free flow or air from inlets to outlets	
Inlet (Soffits)	Soffit vents open & spaced 6-8 feet apart	
Outlets	Gable, ridge, or power ventilators	
Basement	Sill boxes insulated, all penetrations sealed	
	windows sealed tight,dry?	
Heating/Cooling Unit	Annual service (bi-annual ok)	
Coils	Clean, and fins in good condition	
Unit	Clear of shrubbery and trash	
Drain line	Installed with trap (P) and clear	
Metal cover to house	Sealed tightly (Package Units Only)	
Electric Meter	Read daily	
Current bill reading	From recent bill:	
Today's reading	From meter (kWh per day?):	
Is daily usage higher or lower per day?		
Plug Loads	Unplug or put on switch power strips all cellphone chargers;switch off all electronic equipment at night	

Inside Inspection

COMPONENT	RECOMMENDATIONS	MY HOME
Central Heating/Cooling	Annual service (bi-annual ok)	
Thermostat or controls	68 winter, 78 summer (setback?)	
Per degree warmer in Winter (cooler Summer) cost 5% more per degree		
Supply vents	Open and clear, doors to halls open (min. 2")	
Return filter	Clean and replaced monthly	
Ductwork	All joints sealed with mastic or foil tape	
Space Heating	Clean and maintained	
Window Unit AC	Annual service	
Infiltration	Seal tightly around unit	
Raised window	Sashes sealed where uneven	
Filter	Cleaned or replaced monthly	
Infiltration - Air leakage	Reduce air leakage	
Windows	Firm fit all around, windows latched	
Doors	Firm fit all around, close tightly	
Plumbing	Bath and kitchen pipes sealed to outside	
Outlets	Sealed with gaskets	
Fireplace	Tight damper or glass doors	
Attic	Vented and well insulated	
Ventilation	Soffit vents open, outlets open	
Insulation level	Minimum 12 inch batts or R-38-more is better	
Insulation condition	Paper side DOWN, level installation	
Duct condition	All joints connected and insulated & sealed	
Air handler	Cabinet airtight (seal holes w/foil tape)	
Infiltration	Seal all ceiling openings (lights, fans, doors)	
Water Heater	How old ? Gas/Electric	
Insulation	Minimum 3" insulation or built-in foam or wrap	
Pipes	Insulated (Minimum 3 feet from heater)	
Water temperature	Maximum 120 degrees at tap	
Plumbing leaks	No dripping faucets or pipes	
Refrigerator	Energy Star rated ? Yes/No	
Gasket	Tightly sealed and flexible, no moisture	
Temperature	34 to 38 degrees F	
Coils	Cleaned every 6 months	
Freezer	Energy Star rated ? Yes/No	
Gasket	Tightly sealed and flexible, no moisture	
Temperature	3 to 7 degrees F, defrost as needed	
Coils	Cleaned every 6 months	
Dishwasher	Use only when full, air dry	
Dryer		
Exhaust Vent	Sealed to outside, blows freely to outside	
Operation	Full loads only, lint filter cleaned	
Washer	Frontloader / Toploader ?	