
Residential Home Energy Audit

Name: _____ Date: _____
Address: _____
City: _____ Phone: _____
Auditor: _____

Home Information:

Area of conditioned space: _____
Year home was built: _____
How many people in the home: _____
Last 12 month average electric use: Main _____ Off-peak _____
Is there a carbon monoxide detector in home? ___ Yes ___ No
Type of home: Rambler 2-Story Bi-level
Direction house faces: _____

Customer Concerns:

- New to home
 - Save energy
 - High bills
 - Comfort
 - Audit for insulation rebate
 - Other: _____
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I understand that the energy evaluator is not a licensed heating contractor and that the evaluator does not ensure my heating system is safe now or at any time in the future. I also understand that if the evaluator does not recommend having a licensed heating contractor inspect my heating system, that does NOT mean my heating system is safe or that it does not need an inspection, today or in the future.

I acknowledge that the above information was explained to me.

Customer Signature: _____

Evaluator's Name: _____

Energy Saving Recommendations:

Air Conditioner:

Design efficiency: _____ SEER/EER

Filter Size: _____ Age: _____

We recommend that you:

- Use a programmable thermostat
- Run furnace fan on “auto” vs. “on”
- Clean your air conditioner coils and fan blades each year
- Change your air conditioning filter monthly during the cooling system
- Use ventilation fans while cooking and bathing to remove humidity from the air

Water Heater:

Type of water heater: _____ Size: _____

Temperature setting of heater: _____

Circulating pump: Yes ___ No ___

If yes, how is it setup: _____

We recommend that you:

- Install low-flow shower heads
- Set water heater temperature no higher than 120°
- Insulate exposed hot water lines and tank
- Drain 1-2 gallons from bottom of heater each year to remove sediment build up (Refer to manufacturer’s directions)
- Fix leaky faucets
- Run dishwasher only when full

Heating System:

Primary fuel: _____ Backup: _____

Filter size: _____ Age: _____

Furnace fan: VFD: ___ Yes ___ No On/Auto

Supplemental heat ___ Yes ___ No Type: _____

What is the thermostat set-point? _____

Is the thermostat set-back? ___ Yes ___ No

If yes, how is it used: _____

We recommend that you:

- Replace your furnace filter monthly
- Have furnace tuned by a professional yearly
- Seal supply and return ducts, where applicable
- Use ventilation fans while cooking and bathing (10 minutes)
- During winter, close shades at night and open in the day
- Run furnace fan on “auto” vs. “on”
- Use a programmable thermostat

Clothes Washer and Dryer:

How many loads per week: _____

We recommend that you:

- Run full loads of laundry and shorten the cycles
- Wash clothes in the coolest water
- Dry loads of laundry back to back
- Clean your dryer filter lint trap before each load
- Use moisture sensor on dryer if available
- Make sure dryer vent hose is not kinked or clogged

NOTES: _____

Energy Saving Recommendations:

Refrigerator/ Freezer:

Number of refrigerators: _____ freezers _____

Model #: _____ Estimated kWh/Year _____

We recommend that you:

- Clean refrigerator coils once a year
- Set the fridge temperature between 34°F and 37°F
- Set the freezer temperature between 0°F and 5°F
- Unplug unused fridges/freezers
- Ensure refrigerator door seals are tight
- Cover food before placing in the fridge

Lighting:

We recommend that you:

- Use or install task lighting where applicable
- Turn off all unnecessary lighting
- Install dimmers and motion sensors where possible
- Install compact fluorescent bulbs, especially when used for more than 4 hours a day

Miscellaneous Information:

Garage Heat: Yes ___ No ___

Recommendations: _____

Air exchanger: Yes ___ No ___ HRV: YES ___ No ___

Dehumidifier: Yes ___ No ___

Hot tub: Yes ___ No ___ Indoor/Outdoor

We recommend that you:

- Turn computers and monitors off when not in use
 - Ensure all new appliances you purchase are ENERGY STAR labeled
 - Put electronics on a surge strip and shut off strip when not using
 - Unplug battery chargers when not needed
 - Other lifestyle habits: _____
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NOTES: _____

Building Envelope Insulation:		
	Existing R-Value:	Recommended R-Value:
Attic Seal all bypasses before adding insulation		
Knee Wall		
Floor		
Rim Joist		
Above Grade Walls		
Foundation		
Cantilever floors		

Windows:

Type of windows: _____
 Moisture on windows: ___Yes ___No
 Recommendations: _____

Doors:

Exterior doors:
 Type: _____
 Level of tightness: _____
 Recommendations: _____

NOTES: _____

