

Professional ENERGY AUDIT

Make sure that your dream home is not an Energy Nightmare.

This is not a replacement of your home inspection, but a added service to educate a potential new home owner of Utility cost issues, Draft, Ice dams and other energy efficient nightmares that could be costly to fix.

The energy audit includes:

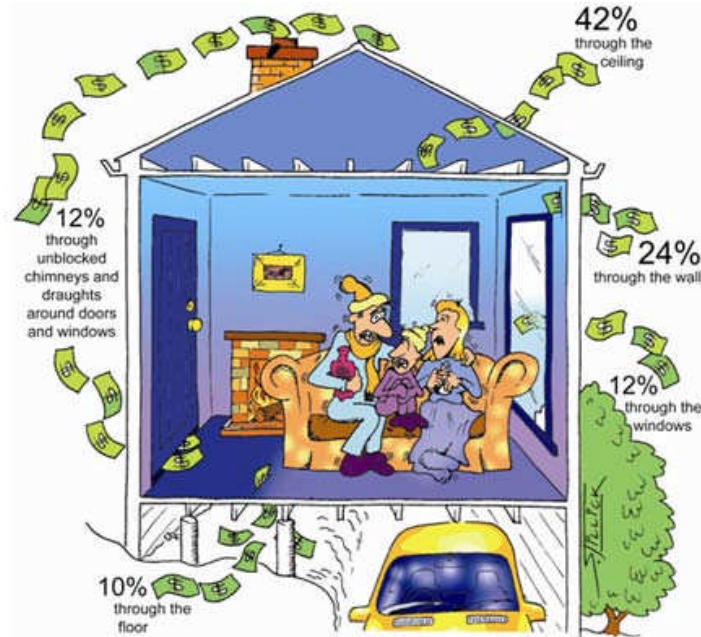
1. Thermal barrier (insulation) analysis with
2. Air barrier testing and diagnostics w/blower door.
3. HVAC duct leak testing
4. Complete report with recommendations on needed energy efficiency improvements.

Ice Dams & Icicles

A complete ENERGY AUDIT locates areas that causes ice dams and icicles.

Some of the most common causes of ice dams and icicles are:

1. Poorly insulated attic.
2. HVAC system in attic with duct leaks.
3. Improper air barrier towards the attic.
4. Heat loss from recessed lights
5. Improper attic ventilation



Infrared Diagnostic LLC

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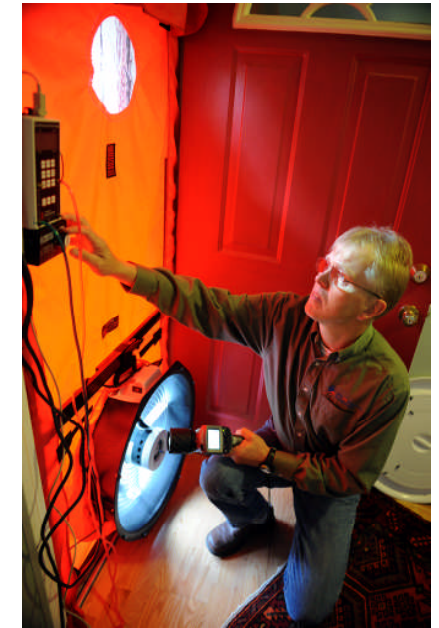
www.IREaudit.com

ENERGY STAR Partner

Certified Infrared Thermographer
BPI & RESNET Certified

Infrared Diagnostic LLC

First Step In Saving Energy



- *Energy Audit*
- *Infrared Scan*
- *Blower-Door Leak Test*
- *Duct Leak Testing*
- *Energy Star Rating*
- *Video Inspection*
- *Radon Testing*
- *Combustion Safety Testing*

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Work With Infrared Diagnostic LLC and Earn the ENERGY STAR

To earn the ENERGY STAR, a home must meet guidelines for energy efficiency set by the U.S. Environmental Protection Agency. These homes are



Build a Energy Star Home and increase you profit.

at least 15% more energy efficient than homes built to the [2004 International Residential Code \(IRC\)](#), and include additional

energy-saving features that typically make them 20-30% more efficient than standard homes.

ENERGY STAR qualified homes can include a variety of 'tried-and-true' energy-efficient features:

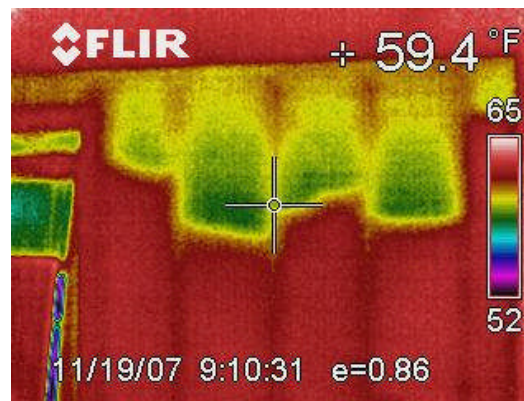
- Effective Insulation
- High Performance Windows
- Tight Construction
- Sealed Ducts
- Efficient Heating and Cooling Systems
- Energy Efficient Products



Infrared Scan

Using the highly sensitive FLIR infrared camera we provide a non-invasive diagnostic evaluation of the property. Home owners and commercial property managers benefit from information on Energy Conservation, Moisture issues, Electric System Scan, Plumbing Leaks and Flat Roof Moisture Inspection, specific to their property.

An Infrared Energy Audit will document step by step process on how to reduce energy cost and make the home more comfortable.



Interior wall with settled insulation

Blower Door System

The Blower Door Test evaluates the leakiness of a property's building envelop and measures how tight the home is. The use of both the blower door system and infrared camera locates air leaks and provides valuable information to document the energy saving improvements needed.

Duct Blaster System

With the duct blaster we can test the HVAC duct system for leaks and determine the amount of leakage outside the building envelop.

Video Inspection

Closed circuit television pipe inspection are provided to assist in troubleshooting damaged plumbing pipes, electrical conduit, chimney systems and HVAC duct systems.

With built-in Tracer Locator we can pinpoint the exact location of the damage and reduce the overall repair cost.



A professional DVD, with distance counter and notation of critical areas from the video inspection, is provided to customers.



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