

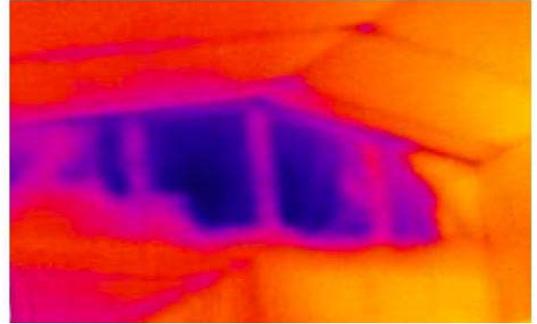
Two Moons Thermal Imaging Services

We see what others can't – finding problems quickly and accurately through the use of today's advanced infrared technology

Energy Scan

What is an energy scan?

Are you paying too much in energy bills? Are you concerned about high energy costs for cooling and heating your home? Have you heard about different ways you might improve your home's efficiency; but you are confused about where to start for the best results? Do you need more insulation in your attic? An infrared thermal scan of a home or building can detect serious faults (insulation, air sealing, leaks, et.) in the walls, floors, ceilings, or roofs. This type of infrared scan is excellent value, and gets to the heart of any potential issues fast.



Who is it best for?

- Residential (houses, apartments, condominiums, dwellings)
- Commercial owners (office buildings, retail stores, building properties)
- Light manufacturing
- Building construction developers and contractors

What do I get?

This is 20-30 minute walk-around energy inspection using an infra red camera to scan the exterior envelop and all building interior walls that can reveal any areas of concern regarding moisture, leaks, heat loss and any evidence of missing insulation. The home owner or contractor must be present to view the live camera images and to discuss areas of concern. A typical inspection includes:

- Roof, vents, flashings, and trim
- Skylight, chimney and other roof penetrations
- Electrical panels, breakers and fuses
- Fireplace damper door and hearth
- Cladding/siding, windows, walls, and doors
- Ceiling and floors

Here's how an infrared energy scan benefit you:

- Lower energy bills. If you follow through on the recommendations from the energy scan, you may be able to reduce your energy costs by as much as 20% to 30%, especially if your house is older and hasn't been retrofitted for energy efficiency
- The energy scan prioritizes the most cost effective energy enhancement opportunities for your home or business. This allows the property owner to yield the maximum energy savings from the money they invest into energy upgrades.
- You can see pre and post insulation work results
- You do not spend money unnecessarily on areas not needing attention or without high enough return on investment



As shown above, infrared camera imagery can detect a location where insulation is missing.

How much does a building infrared scan cost?

No two homes/buildings are exactly the same therefore all professional inspections are specific and individualized prices are based upon:

- Age of the building and its size
- Location
- Systems Inspected

In general, energy scans will cost in the \$65 range for the average home and \$250 for a commercial building

Who performs the building infrared scan?

Since the technology is advanced and there are so many elements to take into consideration when performing these inspections, it's best to have them done by a trained professional. Tom Mooney, a Level I Thermographer, certified to perform thermographic inspections, interpret results, and generate reports. He is a IICRC certified technician in odor control, water restoration and is certified in Applied Structural Drying (ASD) and Fire & Smoke Restoration. He also holds a State of Michigan Department of Environmental Quality Storm Water Management certification, Tom is a long time developer and builder in the Tawas area with considerable experience in the building construction industry.