

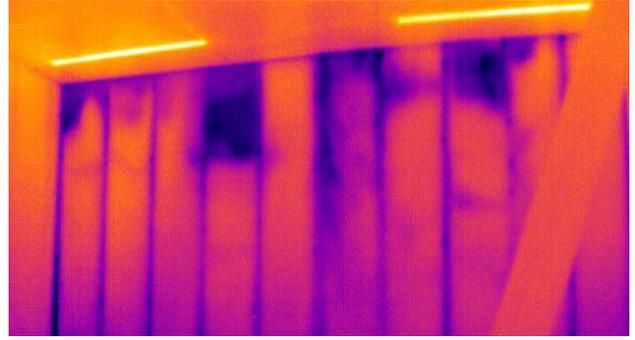
Two Moons Thermal Imaging Services

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

Insulation Scan

What is Insulation Infrared Thermal Scanning?

Insulation is used to stop the transfer of heat from one place to another. An thermal imaging camera can quickly and non-destructively detect areas of missing, moisture-laden or otherwise damaged insulation in walls, crawlspaces and attics or around doors, windows, electrical outlets and other access plates. All can increase a building's energy costs by allowing cold air to enter the building and heated air to escape in the winter, and the reverse in the warmer, summer months. Thermal imaging can also identify poorly insulated or uninsulated pipes, another source of costly heat losses.?



View of an Exterior Wall, the blue areas are missing or loose insulation

Who is it best for?

- Residential (houses, apartments, condominiums, dwellings)
- Commercial (office buildings, retail stores)
- Insulation service providers

What do I get?

This is 20-30 minute walk-around interior infrared evaluation of your home/building showing you where you need to add insulation or fix damaged or improperly installed insulation, and where air infiltration occurs. The guesswork of where insulation is needed is taken out of the equation since infrared will locate exactly where your insulation problems are occurring. This information in turn can be used by yourself or your insulation contractor to estimate repair costs. The home owner or contractor must be present to view the live camera images and to discuss areas of concern.

Here's how an infrared insulation scan can benefit you:

- See where your energy costs are going! Is it through the roof, or out the walls?
- You can visually show your insulation contractor where corrective action should be taken for missing, damaged or improperly installed insulation.
- You will save money on materials and time spent on an insulation project, all while reducing your home's energy bill and improve your home's energy efficiency.
- 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
- Insulation contractors in partnership with Two Moons Thermal Imaging Services can add an additional level of service for a minimal cost, which in turn, can provide a competitive advantage over other insulation companies. For a small cost the insulation provider can provide a thermal scan as a part of their pre/post service, without having to invest in expensive equipment and training

How much does a building insulation 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. Commercial properties cost \$250 for the first 2 hours and then is charged a \$75 hourly rate for the actual time involved. Partnering relationships are available at reduced costs.

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.