

IDEAS [welcome]

Who knows? Maybe the next great invention will be yours!

At Madison Electric Products, innovation is what we do. But we couldn't do it without you.

You're out in the field every day. You know what works and what doesn't. And we're sure that at some point or another you've said to yourself, "I have a great idea. I could do this better."

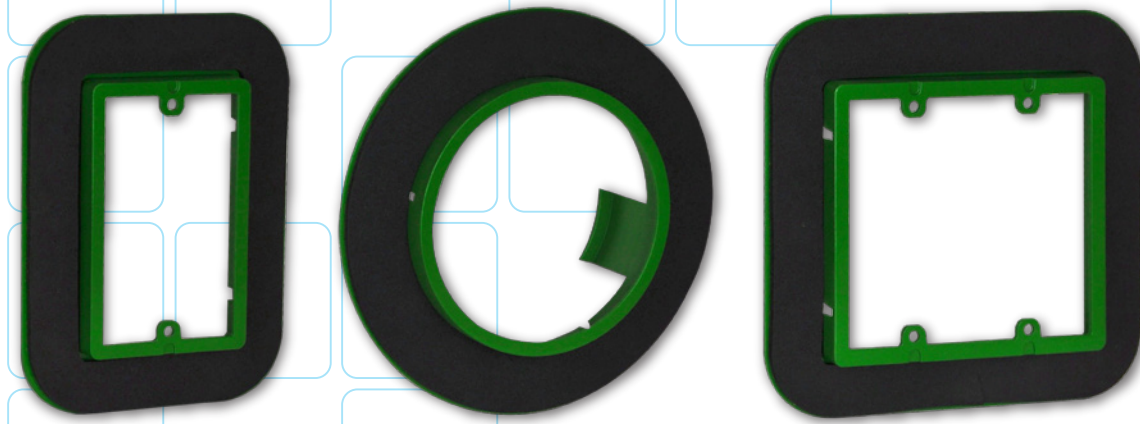
If you're looking for a partnership with a company that thrives on product innovation and relationships with electricians just like you, visit our Sparks Innovation Center online. It will take you to a simple questionnaire to get things started on submitting an idea to us.

There's no commitment. While we can't guarantee that your idea will make it to market – let's face it, not every idea will – we can guarantee that we will:

- Respond to you as quickly as possible
- Consider every idea submitted
- Appreciate that you took the time to submit one!

sparks
PRODUCT [innovation] CENTER

ME



DraftSEAL



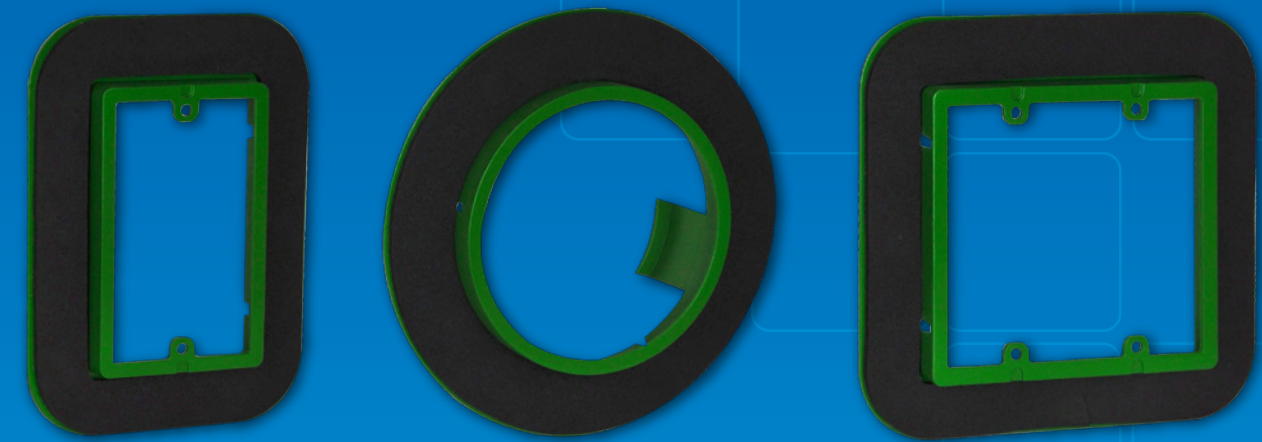
Look for the green seal!

According to energy.gov "The potential energy savings from reducing drafts in a home may range from 5% to 30% per year." Past methods include messy caulk or expensive boxes. Madison's new Draft Seal is a simple, cost-effective way to achieve the same results! Simply snap Draft Seal onto any standard new work box, and attach the enclosed seal on the back. The green ring remains visible after dry wall install. Our fast, easy method complies with the IECC building code requirements for thermal performance and air leakage, reducing drafts coming in through outlets, vapors that cause mold inside walls, and sound transmission through walls.

- Works with all standard nonmetallic boxes
- Green ring is easily identifiable after dry wall install
- Eliminates the need for caulking and sealants
- Complies with the IECC and LEED for envelope sealing

Item#	Description	Trade Size	Inner Carton	Master Carton	Inner Weight	Master Weight
MDSK1G	1-GANG DRAFT SEAL KIT	1-GANG	12	12	1.98 lbs.	7.92 lbs.
MDSK2G	2-GANG DRAFT SEAL KIT	2-GANG	8	8	1.66 lbs.	6.64 lbs.
MDSK3G	3-GANG DRAFT SEAL KIT	3-GANG	4	4	1.06 lbs.	4.24 lbs.
MDSK4G	4-GANG DRAFT SEAL KIT	4-GANG	4	4	1.22 lbs.	4.88 lbs.
MDSKRC	CEILING DRAFT SEAL KIT	N/A	6	6	1.26 lbs.	5.04 lbs.

ME



DraftSEAL



creating **[energy]** efficient homes

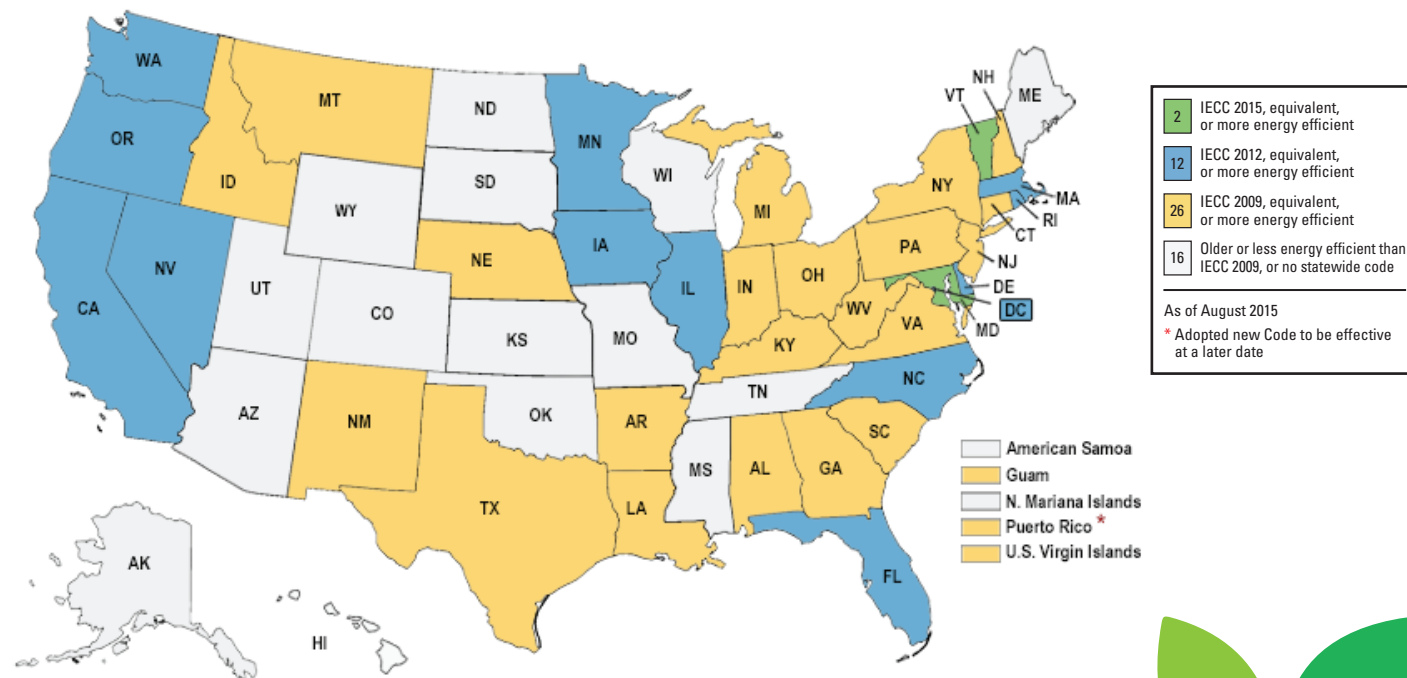
There is a growing trend among home owners and future home owners to have their houses built for high energy efficiency. The 2015 International Energy Conservation Code is designed to provide up-to-date energy conservation provisions for residential and commercial buildings. It addresses building envelope requirements for thermal performance and air leakage.

The 2015 IECC is designed to provide up-to-date energy conservation provisions

Versions of the IECC are in effect in **35 states**

the IECC is the national model **[energy code]**

The International Energy Conservation Code (IECC) is a building code adopted by many states and municipal governments in the United States for the establishment of minimum design and construction requirements for energy efficiency. Versions of the IECC are in effect in 35 states. It alone is referenced in the U.S. Code (federal law), federal regulations, LEED, and many other state and federal programs. The IECC is also reprinted in the International Building Code, substituting as its energy chapter.



[building] the thermal envelope

R402.4 Air leakage (Mandatory)

The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections R402.4.1 through R402.4.4.

R402.4.1 Building thermal envelope

The building thermal envelope shall comply with Sections R402.4.1.1 and R402.4.1.2. The sealing methods between dissimilar materials shall allow for differential expansion and contraction.

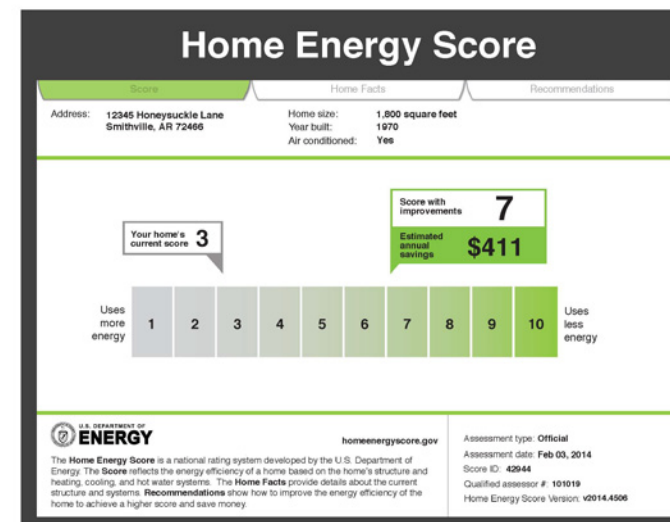
Table R402.4.1.1

Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.
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The envelope shall be constructed to limit air leakage

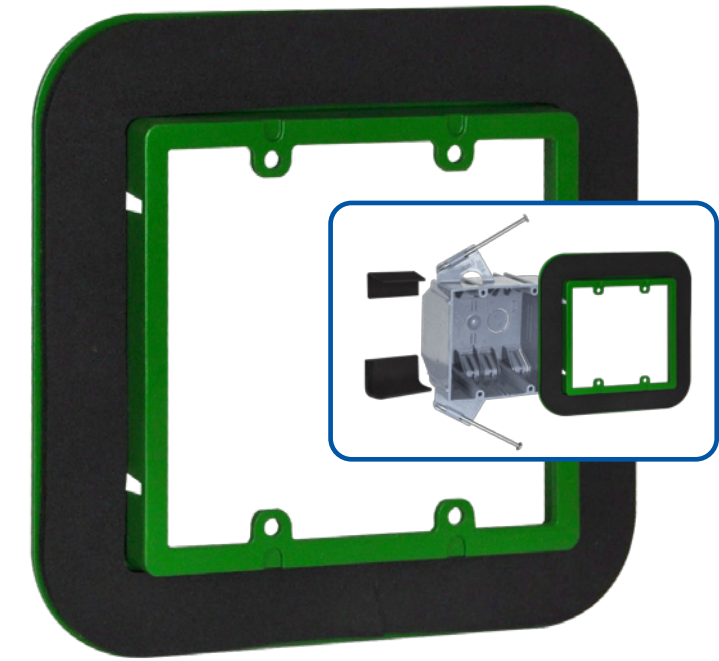
department of energy's **[home energy score]**

The Home Energy Score is similar to a vehicle's miles-per-gallon rating. It helps homeowners and homebuyers understand how much energy a home is expected to use and provides suggestions for improving its energy efficiency, thus saving money, by adding insulation, sealing air leaks or doing other upgrades. It also allows homeowners to compare the energy performance of their homes to other homes nationwide.



what is a building **[envelope?]**

A building envelope is the physical separator between the conditioned and unconditioned environment of a building including the resistance to air, water, heat, light, and noise transfer. It includes all exterior walls, the roof and foundation. Air will leak through a building envelope that is not well sealed, decreasing comfort by allowing moisture, cold drafts, and unwanted noise to enter. In addition, air leakage accounts for between 25 percent and 40 percent of the energy used for heating and cooling in a typical residence



DraftSEAL

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