

Masco Contractor Services
Energy Solutions

DYNAMIC RENOVATIONS INC.
Where Excellence is the norm.

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AIR TIGHTNESS

Air leakage accounts for between 25% and 40% of the energy used for heating and cooling in a typical residence.¹

Small cracks and holes allow air to escape or infiltrate your home. Proper air sealing can improve comfort, indoor air quality and the effectiveness of other energy-efficient measures such as increased insulation.

COMMON AIR LEAKS
Air leaking into the house
Air leaking out of the house

1. Duct Register, 2. Attic hatch, 3. Recessed Light, 4. Plumbing Vent Stack, 5. Dropped Soffit, 6. Top Plate, 7. Sill Plate, 8. Crawl Space, 9. Dryer Vent, 10. Outdoor Faucet

Source: U.S. EPA

Air Tightening Examples

Improved Ventilation

A tight house may be comfortable and use less energy, but common sense tells us that a tighter house won't allow fresh air in or stale air out. Bringing fresh air into the home in a controlled manner helps reduce interior moisture, dust, odors and indoor contaminants for improved indoor air quality.

A licensed HVAC contractor will assure your home has sufficient fresh air ventilation (American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) Standard 62.2), and is included in this service.

1 United States Environmental Protection Agency, Air and Radiation (6202), EPA 430-F-97-028, December 2000

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INSULATION

Save up to 20%* on your heating and cooling bills.²

Insulation reduces the flow of heat, and heat flows from warm to cold - escaping a heated home in the winter and entering a cool home in the summer.

² Estimated heating and cooling costs savings by air tightening and adding insulation in attic, floors over crawls and accessible basement rim joists. See EnergyStar.gov. Savings vary. Find out why in the seller's facts sheet on R-values. Higher R-values mean greater insulating power.

DEPARTMENT OF ENERGY'S RECOMMENDED R-VALUES BY ZONE FOR EXISTING WOOD FRAME HOMES

Zone	Add Insulation to Attic ¹		
	Uninsulated Attic	Existing 3-4 Inches of Insulation	Floor
1	R30 to R49	R25 to R30	R13
2	R30 to R60	R25 to R38	R13 to R19
3	R30 to R60	R25 to R38	R19 to R25
4	R38 to R60	R38	R25 to R39
5 to 8	R49 to R60	R38 to R49	R25 to R39

¹ DOE/EE-0180 2008, Insulation Fact Sheet. www.oml.gov/sci/roofs+walls/insulation

What R you talking about?

The higher the R-value the greater the insulating power. Ask your seller for the fact sheet on R-values

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ADDITIONAL IMPROVEMENTS

In addition to air tightening and insulating your attic, there are other home improvement products that can be considered when addressing your home's energy consumption. Talk with your sales representative. We can also provide the following services.

- HVAC Duct Tightness**
Tightening ducts can help reduce your energy usage and make your rooms more comfortable year round. Sealing ducts can help improve indoor air quality by reducing the risk of pollutants entering ducts and circulating through your home.
- Radiant Barrier**
Radiant barrier reduces the heat transfer between the bottom of the roof deck and the top of your attic insulation.
- Lighting & Appliances³**
Highly efficient lighting and appliances used throughout the home help to reduce overall energy consumption.

³ Not available in all areas.

ABOUT MASCO CONTRACTOR SERVICES

As a professional contractor we will recommend the proper amounts of insulation and related services based on the DOE recommendations for your climate, your particular home and your lifestyle.

TAKE COMFORT IN OUR CREDENTIALS

- Our crews are insured, bonded, trained, drug tested and background checked.
- Our division is part of Masco Contractor Services (MCS) — a group of independent companies, which are subsidiaries of Masco Corporation (NYSE: MAS).
- MCS companies are leading installers of other residential building products including garage doors and gutters.

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