ENERGY STAR® CERTIFIED NEW HOME

Projected Rating: Based on Plans - Field Confirmation Required.

Builder Name: Montage Builders - NF
Permit Date/Number:
Home Address: 201 Hubbell Ave
Syracyse , NY 13207

Rating Company: MBT Design
Rater Identification Number: 2636162
Rating Date: 3/17/14
Version: 3.0

Standard Features of an ENERGY STAR Certified New Home

Your ENERGY STAR certified new home has been designed, constructed, and independently verified to meet rigorous requirements for energy efficiency set by the U.S. Environmental Protection Agency (EPA), including:

Thermal Enclosure System

A complete thermal enclosure system that includes comprehensive air sealing, quality-installed insulation and high-performing windows to deliver improved comfort and lower utility bills.

Air Infiltration Test: **Htg: 1.00 Clg: 1.00 ACH50**

Primary Insulation Levels:
Ceiling: R-60.0 **FndWall: R-21.3**
AGWall: R-46.0 **Slab: R-41.3**

Primary Window Efficiency:
U-Value: 0.300, SHGC: 0.300

Water Management System

A comprehensive water management system to protect roofs, walls, and foundations.

Flashing, a drainage plane, and site grading to move water from the roof to the ground and then away from the home.

Water-resistant materials on below-grade walls and underneath slabs to reduce the potential for water entering into the home.

Management of moisture levels in building materials during construction.

Heating, Cooling, and Ventilation System

A high-efficiency heating, cooling system, and ventilation system that is designed and installed for optimal performance.

Total Duct Leakage:
NA

Duct Leakage to Outdoors:
NA

Primary Heating (System Type • Fuel Type • Efficiency):
Air-source heat pump, Electric, 3.7 COP.

Primary Cooling (System Type • Fuel Type • Efficiency):
None

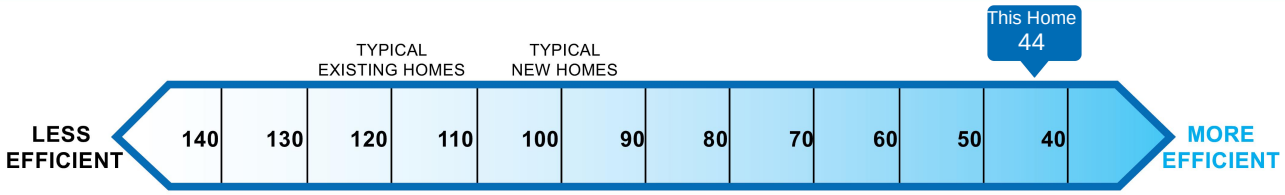
Energy Efficient Lighting and Appliances

Energy efficient products to help reduce utility bills, while providing high-quality performance.

ENERGY STAR Qualified Lighting: **100%**

ENERGY STAR Qualified Appliances and Fans:
Refrigerators: 1 **Dishwashers: 1**
Ceiling Fans: 2 **Exhaust Fans: 1**

Primary Water Heater (System Type • Fuel Type • Efficiency):
Heat pump, Electric, 2.00 EF, 80.0 Gal.



HERS® Index

The certificate provides a summary of the major energy efficiency and other construction features that contribute to this home earning the ENERGY STAR, including its Home Energy Rating System(HERS) score, as determined through independent inspection and verification performed by a trained professional. The home Energy Rating System is a nationally-recognized uniform measurement of the energy efficiency of homes.

Note that when a home contains multiple performance levels for a particular feature (e.g., window efficiency or insulation levels), the predominant value is shown. Also, homes may be certified to earn the ENERGY STAR using a sampling protocol, whereby one home is randomly selected from a set of homes for representative inspections and testing. In such cases, the features found in each home within the set are intended to meet or exceed the values presented on this certificate. The actual values for your home may differ, but offer equivalent or better performance.

This certificate was printed using REM/Rate - Residential Energy Analysis and Rating Software v14.4.1. © 1985-2013 Architectural Energy Corporation, Boulder, Colorado.

Learn more at www.energystargov/homefeatures