

Home Energy Rating Certificate

238 South Royalston Road
Royalston, MA



**5 Stars Plus
Confirmed**

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

Energy Efficient

HERS Index: 58

General Information

Conditioned Area: 1600 sq. ft. HouseType: Single-family detached
 Conditioned Volume: 21665 cubic ft. Foundation: Conditioned basement
 Bedrooms: 1

Mechanical Systems Features

Heating: Electric baseboard or radiant, Electric, 100.0 % EFF.
 Water Heating: Conventional, Electric, 0.86 EF, 80.0 Gal.

Duct Leakage to Outside: NA
 Ventilation System: Balanced: HRV, 102 cfm, 94.0 watts.
 Programmable Thermostat: Heating: No Cooling: No

Building Shell Features

Ceiling Flat: NA Exposed Floor: NA
 Vaulted Ceiling: R-50 Window Type: U:0.30, SHGC:0.32
 Above Grade Walls: R-38 **Infiltration:**
 Foundation Walls: R-20.0 Rate: Htg: 167 Clg: 167 CFM50
 Slab: R-20.0 Edge, R-8.0 Under Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 100.00 Range/Oven Fuel: Electric
 Percent Garage Lighting: 100.00 Clothes Dryer Fuel: Electric
 Refrigerator (kWh/yr): 550.00 Clothes Dryer EF: 3.01
 Dishwasher Energy Factor: 0.78 Ceiling Fan (cfm/Watt): 0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v12.99

This information does not constitute any warranty of energy cost or savings.
 © 1985-2012 Architectural Energy Corporation, Boulder, Colorado.

Registry ID:

Rating Number: 11-501

Certified Energy Rater: Evan Dick

Rating Date: 5/15/2012

Rating Ordered For: Jashua Doob & Lydia Musco

Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	23.0	\$1209	47%
Cooling	0	\$0	0%
Hot Water	10.2	\$537	21%
Lights/Appliances	15.5	\$820	32%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$0	0%
Total		\$2566	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

Center for EcoTechnology

320 Riverside Drive
 Northampton, MA 01062
 413-586-7350
www.cetonline.org