

Home Energy Rating Certificate

Trolle Residence
17 Carol Street
Danbury, CT 06810



5 Stars Plus
Confirmed

HERS Index: 35

Efficient Home Comparison: 65% Better

General Information

Conditioned Area	1680 sq. ft.	House Type	Single-family detached
Conditioned Volume	13113 cubic ft.	Foundation	More than one type
Bedrooms	3		

Mechanical Systems Features

Heating:	Air-source heat pump, Electric, 10.5 HSPF.
Cooling:	Air-source heat pump, Electric, 23.0 SEER.
Water Heating:	Instant water heater, Propane, 0.97 EF, 0.0 Gal.
Duct Leakage to Outside	NA
Ventilation System	Balanced: ERV, 47 cfm, 16.8 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	R-66.7	Slab	R-27.6 Edge, R-55.0 Under
Sealed Attic	N/A	Exposed Floor	R-43.8
Vaulted Ceiling	R-68.0	Window Type	U:0.14, SHGC:0.49
Above Grade Walls	R-57.8	Infiltration Rate	Htg: 92 Clg: 92 CFM50
Foundation Walls	N/A	Method	Blower door test

Lights and Appliance Features

Percent Interior Lighting	100.00	Range/Oven Fuel	Electric
Percent Exterior Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	515.00	Clothes Dryer EF	3.01
Dishwasher Energy Factor	0.75	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 v14.3

This information does not constitute any warranty of energy cost or savings.

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Registry ID	507476418
Rating Number	
Certified Energy Rater	Karla Donnelly
Rating Date	11/26/2013
Rating Ordered For	Mike Trolle

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	2.5	\$146	9%
Cooling	2.4	\$139	8%
Hot Water	14.3	\$471	28%
Lights/Appliances	15.8	\$924	55%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$0	0%
Total	35.0	\$1680	100%

Criteria

This home meets or exceeds the minimum criteria for the following:

EPA ENERGY STAR Version 3 Home

2009 International Energy Conservation Code

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