

Home Energy Rating Certificate



**5 Stars Plus
Verified Condition**

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: **39**

General Information

Conditioned Area:	2344 sq. ft.	HouseType:	Single-family detached
Conditioned Volume:	25496 cubic ft.	Foundation:	Conditioned basement
Bedrooms:	1		

Mechanical Systems Features

Ground-source heat pump:	Electric, Htg: 3.9 COP. Clg: 22.8 EER, w/DSH.
Water Heating:	Conventional, Electric, 0.94 EF, 50.0 Gal.
Duct Leakage to Outside:	0.00 CFM.
Ventilation System:	Balanced: ERV, 58 cfm, 46.0 watts.
Programmable Thermostat:	Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat:	R-48	Exposed Floor:	NA
Vaulted Ceiling:	NA	Window Type:	.28 .21***
Above Grade Walls:	R-24, R-41	Infiltration:	
Foundation Walls:	R-18.8	Rate:	Htg: 591 Clg: 591 CFM50
Slab:	R-10.0 Edge, R-10.0 Under	Method:	Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based:	100.00	Clothes Dryer Fuel:	Electric
Percent Fluorescent CFL:	0.00	Range/Oven Fuel:	Electric
Refrigerator (kWh/yr):	775.00	Ceiling Fan (cfm/Watt):	0.00
Dishwasher Energy Factor:	0.46		

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

REM/Rate - Residential Energy Analysis and Rating Software v12.84

This information does not constitute any warranty of energy cost or savings.
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Rating Number: **2451775**

Certified Energy Rater: Erin R Wiggins

Rating Date: 3-3-10

Rating Ordered For:

Estimated Annual Energy Cost

Verified Condition

Use	MMBtu	Cost	Percent
Heating	7.6	\$113	13%
Cooling	1.7	\$36	4%
Hot Water	7.3	\$125	15%
Lights/Appliances	25.1	\$440	52%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$131	16%
Total		\$845	100%

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

EPA ENERGY STAR Home

ASHRAE Standard 90.2 - 1992

- 1998 International Energy Conservation Code
- 2000 International Energy Conservation Code
- 2001 International Energy Conservation Code
- 2003 International Energy Conservation Code
- 2004 International Energy Conservation Code
- 2006 International Energy Conservation Code
- 2009 International Energy Conservation Code
- 1992 CABO Model Energy Code
- 1993 CABO Model Energy Code

Energy & Environmental

Rating Alliance

PO Box 1264

Manhattan, KS 66505

877-537-2425

785-537-2440

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