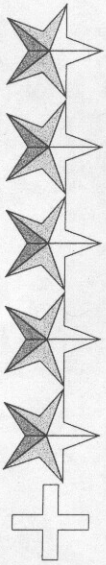


Home Energy Rating Certificate

495 East College Ave
Oberlin, OH 44074



5 Stars Plus
Confirmed Rating

Energy Efficient

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

HERS Index: **27**

General Information

Conditioned Area: 2494 sq. ft. House Type: Single-family detached
 Conditioned Volume: 24130 cubic ft. Foundation: Conditioned basement
 Bedrooms: 5

Mechanical Systems Features

Water Heating: Instant water heater, Electric, 0.99 EF, 0.0 Gal.
 Ground-source heat pump: Electric, Htg: 4.8 COP, Ctg: 14.9 EER.

Duct Leakage to Outside: 0.00 CFM.
 Ventilation System: Balanced: ERV, 200 cfm, 92.0 watts.
 Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: NA Exposed Floor: NA
 Vaulted Ceiling: R-65 Window Type: South Tuned U.31 S.4*
 Above Grade Walls: R-48 Infiltration:
 Foundation Walls: R-35.5 Rate: Htg: 414 Ctg: 414 CFM50
 Slab: R-26.0 Edge, R-20.0 Under Method: Blower door test

Lights and Appliance Features

Percent Fluorescent Fln-Based: 12.00 Clothes Dryer Fuel: Electric
 Percent Fluorescent CFL: 48.00 Range/Oven Fuel: Electric
 Refrigerator (kWh/yr): 358.00 Ceiling Fan (cfm/Watt): 0.00
 Dishwasher Energy Factor: 0.68

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

REM/Rate - Residential Energy Analysis and Rating Software v12.6

This information does not constitute any warranty of energy cost or savings.
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Rating Number: Eric J Powell
 Certified Energy Rater: 11/7/2008
 Rating Date: Carl and Mary McDaniel
 Rating Ordered For:

Estimated Annual Energy Cost

Use	Confirmed Rating		
	MMBtu	Cost	Percent
Heating	5.8	\$169	20%
Cooling	3.6	\$104	12%
Hot Water	4.4	\$130	15%
Lights/Appliances	28.1	\$824	96%
Photovoltaics	-12.6	-\$369	-43%
Service Charges		\$0	0%
Total		\$858	100%

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

TITLE
 Company
 Address
 City, State, Zip
 Phone #
 Fax #