

“Do *your* homes perform like this?”

Located in an older, St. George, Utah, neighborhood, this home is a case study in incorporating energy-efficient building techniques while maintaining classic styling.

In June of 2002, the home which once stood here suffered a devastating fire. After the home was torn down this home was built in its place--beautifully blending in with the antiquated neighborhood.

Built using Quad-Lock insulating concrete forms and other products and techniques, the homeowner now saves hundreds of dollars in utility bills and enjoys a quiet, comfortable home. With performance like this, no wonder it received Energy Star®'s highest rating: *5 Star Plus*.

Home Energy Rating Certificate

406 E. 100 S.
St. George, UT 84770

★★★★★+

5 Stars Plus Site Visit

Uniform Energy Rating System						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	
0-19	20-39	40-49	50-59	60-69	70-79	80-82	83-85	86-89	90-100	
Energy Rating Points: 92.3										
General Information										
Conditioned Area: 2528 sq. ft.			House Type: Single family detached							
Conditioned Volume: 22214 cubic ft.			Foundation: Slab							
Bedrooms: 3										
Mechanical Systems Features										
Ground-source heat pump: Electric, Htg: 3.3 COP, Ctg: 13.1 EER, with Desuperheater.										
Water Heating: Heat pump, Electric, 2.50 EF.										
Duct Leakage: No observable leakage.										
Ventilation System: Balanced, ERV, 6 cfm, 150.0 watts.										
Programmable Thermostat: Heating: Yes Cooling: Yes										
Building Shell Features										
Ceiling Flat: R-50w/RB			Exposed Floor: NA							
Vaulted Ceiling: U-0.018w/RB, R-35w/RB			Window Type: Pella Low E argon							
Above Grade Walls: U-0.041, U-0.042, U-0.016			Infiltration: Rate: Htg: 1490 Cfg: 1490 CFM50							
Foundation Walls: NA			Slab: R-22.0 Edge, R-0.0 Under							
Method: Blower door test										
Lights and Appliance Features										
Interior Incandescent Fixtures: NA			Clothes Dryer Fuel: Natural gas							
Interior Energy Efficient Fixtures: NA			Range/Oven Fuel: Electric							
Exterior Incandescent Fixtures: NA			Refrigerator Efficiency: NA							
Exterior Energy Efficient Fixtures: NA										

Rating Number: 001-09-03
 Certified Energy Rater: Kim Ewers
 Date: 9-25-2003
 Rating Ordered For: Marcia Stucki

Estimated Annual Energy Cost			
Site Visit			
Use	MMBtu	Cost	Percent
Heating	4.4	\$78	10%
Cooling	8.2	\$146	16%
Hot Water	4.0	\$71	9%
Lights/Appliances		\$348	43%
Service Charges		\$165	20%
Total		\$807	100%

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

Kim Ewers / Home Energy Rater
Hometeck Services
 384 Vermillion Ave
 St. George, UT 84790
 Phone # 435-656-1545
 Fax # 435-627-2105

REM/Rate - Residential Energy Analysis and Rating Software v11.2
 This information does not constitute any warranty of energy cost or savings.
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QUAD-LOCK® BUILDING SYSTEMS LTD.
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 St. George, Utah 84770

Certified Dealer 

It's time to expect more from your home.

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