



# Home Energy Rating Certificate

5642 Shepherd St.  
5642 Shepherd St.  
Timnath, CO 80528



**5 Stars**  
**Confirmed Rating**

## 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	70-0

## Energy Efficient

**HERS Index: 83**

### General Information

Conditioned Area: 5002 sq. ft.      HouseType: Single-family detached  
Conditioned Volume: 48394 cubic ft.      Foundation: Conditioned basement  
Bedrooms: 4

### Mechanical Systems Features

Heating: Fuel-fired air distribution, Natural gas, 92.1 AFUE.  
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Cooling: Air conditioner, Electric, 13.0 SEER.  
Duct Leakage to Outside: 100.00 CFM.  
Ventilation System: Supply Only: 60 cfm, 150.0 watts.  
Programmable Thermostat: Heating: Yes      Cooling: Yes

### Building Shell Features

Ceiling Flat: R-38      Exposed Floor: R-37  
Vaulted Ceiling: NA      Window Type: U:0.32, SHGC:0.35  
Above Grade Walls: R-15, R-24, R-13      **Infiltration:**  
Foundation Walls: R-0.0      Rate: Htg: 3395 Clg: 3395 CFM50  
Slab: R-0.0 Edge, R-0.0 Under      Method: Blower door test

### Lights and Appliance Features

Percent Fluorescent Pin-Based: 0.00      Clothes Dryer Fuel: Electric  
Percent Fluorescent CFL: 10.00      Range/Oven Fuel: Natural gas  
Refrigerator (kWh/yr): 775.00      Ceiling Fan (cfm/Watt): 0.00  
Dishwasher Energy Factor: 0.64

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

**REM/Rate - Residential Energy Analysis and Rating Software v12.43**

This information does not constitute any warranty of energy cost or savings.  
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**Rating Number: 2008154-**  
Certified Energy Rater: Paul Higman  
Rating Date: 6-2-08  
Rating Ordered For: Kem Homes

### Estimated Annual Energy Cost

Use	Confirmed Rating		
	MMBtu	Cost	Percent
Heating	147.5	\$1458	46%
Cooling	4.6	\$96	3%
Hot Water	27.7	\$267	8%
Lights/Appliances	55.7	\$1136	36%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$217	7%
<b>Total</b>		<b>\$3175</b>	<b>100%</b>

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

EPA Energy Star Home  
2004 International Energy Conservation Code  
2006 International Energy Conservation Code

### Masco Services Group Corporation

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