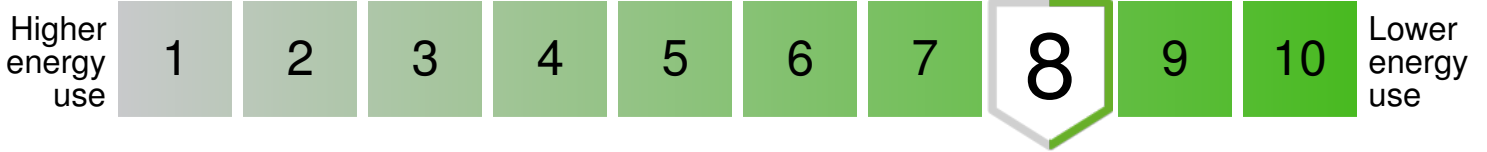


YEAR BUILT: 2011  
CONDITIONED FLOOR AREA: 2,499 FT<sup>2</sup>

3968 Vrain St  
Denver CO 80212

SCORE TODAY	<b>8</b>
-------------	----------


CO Average Home Score



SCORE TODAY		SCORE WITH IMPROVEMENTS	
Estimated annual energy cost:	<b>\$1,490</b>	Estimated annual energy cost:	<b>\$1,490</b>
Score basis:	<b>58 MBtu</b>	Score basis:	<b>58 MBtu</b>

The U.S. Department of Energy's Home Energy Score assesses the energy efficiency of a home based on its structure and heating, cooling, and hot water systems. For more information visit [HomeEnergyScore.gov](http://HomeEnergyScore.gov).


## This Home...



**CURRENTLY WASTES**  
**0%**  
OF ENERGY ON INEFFICIENCIES



**COULD SAVE**  
**\$0**  
EACH YEAR ON ENERGY COSTS



**COULD ELIMINATE**  
**0%**  
OF CO<sub>2</sub> EMISSIONS WITH COST-EFFECTIVE UPGRADES

## Estimated Energy Use

 Electricity  Natural gas

TODAY:



WITH IMPROVEMENTS:



## Home Facts

The Home Energy Score's Home Facts includes details about the home's current structure, systems, and estimated energy use. For more information about how the score is calculated, visit our website at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## About This Home



### ASSESSMENT

Type	Corrections included
Assessor name	CO-DNVR-0003
Scoring tool version	v2017

### HOME CONSTRUCTION

Year built	2011
Number of bedrooms	4
Stories above ground level	2
Interior floor-to-ceiling height	8 ft
Conditioned floor area	2,499 ft <sup>2</sup>
Direction faced by front of house	West
Air sealed?	No

## Estimated Annual Energy Use



### ENERGY BY TYPE

Total	132 MBtus
Score basis	58 MBtus
Energy use per square foot	31 kBtu / ft <sup>2</sup>
Electricity	8,838 kWh
Natural gas	463 therms

### ENERGY COST ESTIMATES

Total annual energy costs	\$1,490
Energy cost per square foot	\$0.60 / ft <sup>2</sup>
Electricity	\$0.119 / kWh
Natural gas	\$0.782 / therm

### DEFINITIONS & CONVERSIONS

MBtu	Million British thermal units; generic energy unit
kBtu	Thousand British thermal units; generic energy unit
kWh	Kilowatt-hour; electricity unit
Therm	100,000 Btu; heat energy unit
Electricity conversion	1 MBTU = 293 kWh
Heat conversion	1 MBTU = 10 therms

3968 Vrain St  
Denver CO 80212

SCORE TODAY **8**

## Home Facts

The Home Energy Score's Home Facts includes details about the home's current structure, systems, and estimated energy use. For more information about how the score is calculated, visit our website at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Roof / Attic



<u>ROOF / ATTIC 1</u>	
Attic floor area	868 ft <sup>2</sup>
Roof construction	Rigid foam sheathing / EPDM / R-21
Roof color	White
Attic / ceiling type	Unconditioned attic
Attic floor insulation	R-25

## Foundation



<u>FOUNDATION / FLOOR 1</u>	
Floor area	792 ft <sup>2</sup>
Foundation type	Conditioned basement / R-0
Foundation walls insulation	R-11
<u>FOUNDATION / FLOOR 2</u>	
Floor area	47 ft <sup>2</sup>
Foundation type	Unvented crawlspace / R-30
Foundation walls insulation	R-0

## Walls



<u>WALL CONSTRUCTION</u>	<u>TYPE / EXTERIOR FINISH</u>	<u>INSULATION VALUE</u>
All	Wood frame / Stucco finish	R-19

3968 Vrain St  
Denver CO 80212

SCORE TODAY **8**

## Home Facts

The Home Energy Score's Home Facts includes details about the home's current structure, systems, and estimated energy use. For more information about how the score is calculated, visit our website at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Windows & Skylights



### WINDOW AREA

Front	112 ft <sup>2</sup>
Back	143 ft <sup>2</sup>
Left	178 ft <sup>2</sup>

### WINDOW CONSTRUCTION

All

### PANES

Double

### FRAME

Wood or vinyl

### GLAZING

Solar-control low-E

### SKYLIGHTS ROOF / ATTIC 1

Present? Yes

Area 8 ft<sup>2</sup>

Type Double Wood or vinyl

Tinted

3968 Vrain St  
Denver CO 80212

SCORE TODAY **8**

## Home Facts

The Home Energy Score's Home Facts includes details about the home's current structure, systems, and estimated energy use. For more information about how the score is calculated, visit our website at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Systems



### HVAC SYSTEM 1

Percent conditioned area served	100%
Heating type	Central gas furnace
Heating efficiency value	92% AFUE
Cooling type	Central air conditioner
Cooling efficiency value	13 SEER

<u>DUCT SYSTEM 1</u>	<u>INSULATED?</u>	<u>SEALED?</u>	<u>PERCENT OF DUCTS IN THIS LOCATION</u>
Conditioned space	No	Yes	99%
Unvented crawlspace	Yes	Yes	1%

### HOT WATER

System type	Natural gas storage
Efficiency value	0.65 EF

3968 Vrain St  
Denver CO 80212

SCORE  
TODAY **8**

## Recommendations

The Home Energy Score's Recommendations show how to improve the energy efficiency of the home to achieve a higher score and save money. When making energy related upgrades, homeowners should consult with a certified energy professional or other technically qualified contractor to ensure proper sizing, installation, safety, and adherence to code. Learn more at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Recommended Improvements



**REPAIR NOW.** The Home Energy Score model did not identify any cost-effective repairs. Please ask your assessor for more information.

**REPLACE LATER.** The Home Energy Score model did not identify any cost-effective replacements. Please ask your assessor for more information.

## Comments

