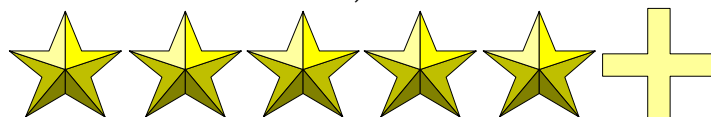


Home Energy Rating Certificate



1102A 10th Street
Storm Lake, IA 50588



5 Stars Plus
Confirmed
HERS Index: 60

General Information

Conditioned Area	1479 sq. ft.	House Type	Townhouse, end unit
Conditioned Volume	13024 cubic ft.	Foundation	Slab
Bedrooms	2		

Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 11.5 HSPF, Clg: 20.0 SEER.
Water Heating:	Conventional, Electric, 0.93 EF, 50.0 Gal.
Duct Leakage to Outside	24.00 CFM25.
Ventilation System	Exhaust Only: 55 cfm, 25.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	R-60.0	Slab	R-10.0 Edge, R-10.0 Under
Sealed Attic	NA	Exposed Floor	R-30.0
Vaulted Ceiling	NA	Window Type	U-Value: 0.350, SHGC: 0.350
Above Grade Walls	R-23.0	Infiltration Rate	Htg: 580 Clg: 580 CFM50
Foundation Walls	NA	Method	Blower door test

Lights and Appliance Features

Percent Interior Lighting	100.00	Range/Oven Fuel	Electric
Percent Garage Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	345.00	Clothes Dryer EF	3.01
Dishwasher Energy Factor	0.00	Ceiling Fan (cfm/Watt)	0.00

Registry ID 837070602
Rating Number
Certified Energy Rater Pat O'Malley
Rating Date 9/14/15
Rating Ordered For

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	21.1	\$565	39%
Cooling	1.4	\$38	3%
Hot Water	10.7	\$288	20%
Lights/Appliances	15.7	\$422	29%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$144	10%
Total	49.0	\$1456	100%

Criteria

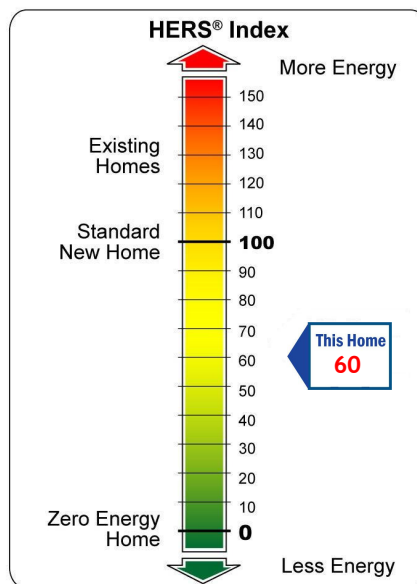
This home meets or exceeds the minimum criteria for the following:
EPA ENERGY STAR Version 2 Home
EPA ENERGY STAR Version 2.5 Home
2006 International Energy Conservation Code
2009 International Energy Conservation Code

Building Knowledge, Inc.
PO Box 1376
Burnsville, MN 55337
952-944-5605
www.buildingknowledge.com

REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

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

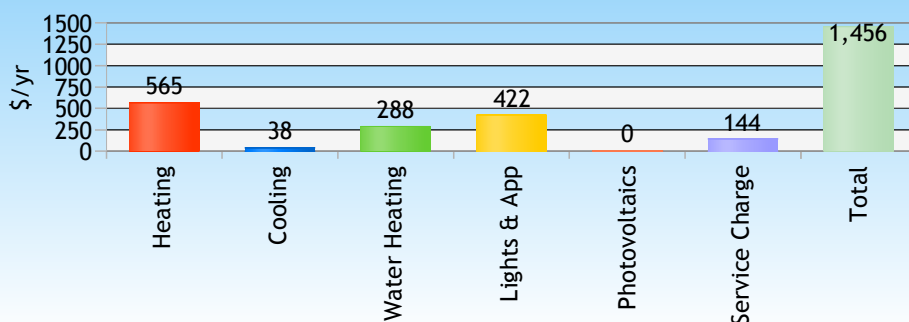
HERS PERFORMANCE



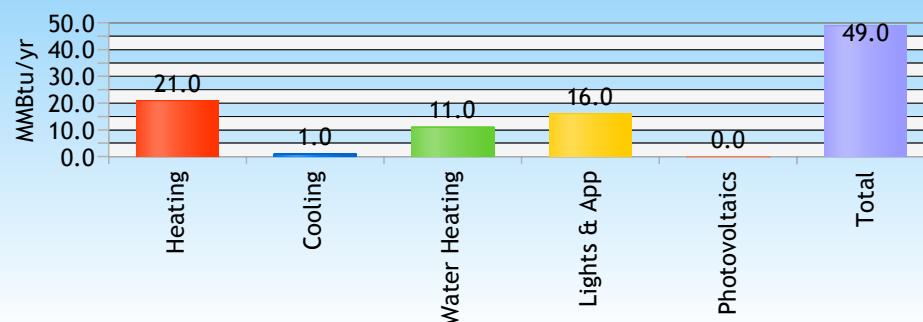
ENERGY RATING CERTIFICATE

**BUILDING
KNOWLEDGE**

Estimated Annual Energy Cost



Estimated Annual Energy Consumption



Address 1102A 10th Street
Storm Lake, IA 50588

House Type Townhouse, end unit

Cond. Area 1479 sq. ft.

Rating No.

Issue Date October 21, 2015

Certification Verified

Annual Estimates*

Electric(kWh): 14370

CO2 emissions(Tons): 12

Annual Savings**: \$1396

* Based on standard operating conditions

** Based on a HERS 130 Index Home

Building Knowledge, Inc.

PO Box 1376

Certified Rater Pat O'Malley

Rater ID 9377462

Registry ID 837070602

Rating Date 9/14/15

REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

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