



SINGLE FAMILY

Austin City Code Chapter 6-7, June 2009

ECAD Energy Audit Results

For Residence: 2021 BLUEBONNET 106 LN AUSTIN TX 78704

Audit Date: 11/2/2022

Thank you for complying with the City of Austin's ECAD Ordinance, which requires homeowners to provide these energy audit results to buyers

SAVE THIS FORM! This ECAD audit is valid for 10 years after the audit date.

This audit helps you identify energy efficiency improvements that could lower your monthly energy costs and make your home more comfortable. Austin Energy's Home Performance with ENERGY STAR® program offers rebates and low-interest loans that make these improvements more affordable. Before you begin making any home energy efficiency improvements, be sure to get the latest program details from austinenenergy.com or by calling 512-482-5346

ENERGY AUDIT SUMMARY

	Action Recommended?	Potential Annual Savings*:
A. Windows and Shading	NO	\$0.00
B. Attic Insulation	NO	\$0.00
C. Air Infiltration and Duct Sealing	YES	\$120.00
D. Heating and Cooling System Efficiency (HVAC)	YES	\$270.00
Total Annual Savings*:		\$390.00

HOME IMPROVEMENT RECOMMENDATIONS:

Austin Energy recommends the following actions based on the energy audit performed by

● Chad Roesch of A-1 Energy Audits ●

- A. No windows or shading recommendations.
- B. No Attic insulation recommendations.
- C. Sealing or replacing the air conditioning duct-work can reduce your electric bill and make your home more comfortable. The duct system must be properly sized and in good condition or the heating and cooling system will run longer and cool less efficiently.
- D. Consider replacing your HVAC system with an energy efficient model. Show the audit results to an HVAC professional, who will ensure that your heating and cooling system is right-sized and operating efficiently.

We appreciate your support of the ECAD ordinance and your efforts to make Austin the most livable city in the country.

DISCLOSURES: Figures are based on an estimate from the average single-family house in Austin (1800 - 2000 sq. ft.) that has made improvements through an efficiency program by Austin Energy or Texas Gas Service. Weather, equipment installation and electric usage will all effect actual savings. There is no guarantee or warranty, either expressed or implied, as to the actual effectiveness, cost or utility savings, if you choose to implement these recommendations. The Energy Conservation Audit and Disclosure is not required to be included in the sales contract nor the Seller's Disclosure form (Texas Real Estate Commission), but instead is a stand-alone requirement of the City of Austin.



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In support of the City of Austin's Energy
Conservation Audit and Disclosure Ordinance
Austin City Code Chapter 6-7, June 2009

Energy Audit Data

DATA SUMMARY

PROPERTY

Outdoor Temperature F: 60.0

Austin Energy Electric Meter Number: 6020583

Tax Assessor's Property ID: 725543

Requestor Name: Karen Wilkolak

Year Built: 1968

Service Address: 2021 BLUEBONNET LN Unit 106 AUSTIN, TX,
78704

Estimated Square Footage: 661

AUDITOR

Auditor: Chad Roesch

Phone Number: (512) 636-9728

Company Name: A-1 Energy Audits

Property Audit Date: 11/2/2022

WINDOWS & SHADING

Type(s) of Window(s): Double Pane;Low-e

Type(s) of Existing Solar Shading: Vegetation;Adjacent Structure

ATTIC INSULATION

Attic Insulation Type: No Access

Average R-Value:

Open Chases(s): No chases in residence.

HEATING & COOLING AIR DUCT SYSTEM

SYSTEM # 1

Condenser Manufacturing Date

HVAC Duct Air Leakage

Estimated EER 0.0

% Leakage 80

Furnace/AH Manufacturing Date 1990-2005

Duct System Type(s) Sheet Metal

AFUE [Direct Draft] 90%

Enrolled in AE Power Partner Thermostat Program No

AIR INFILTRATION / WEATHERIZATION

Exterior doors: weather-stripped? Yes

Attic access: weather-stripped? No

Plumbing penetrations: sealed? Plumbing penetrations are sealed

ADDITIONAL AUDIT INFORMATION

Domestic Water Heater Type(s): No water heater in residence

Fuel Type:

Type(s) of Toilet(s): 1 High efficiency toilet(s)

PROPERTY IDENTIFICATION

County	Travis	Property ID	725543	Property Type		Condo	Building Count	1
Meter Number		6020583			Gas Type		Austin I/S Res	
Service Address		2021 BLUEBONNET LN Unit 106 AUSTIN, TX, 78704						
					Occupied By		Vacant	
Year Built	1968	Foundation	Slab	Est. Sq Footage	661	Avg. Duct Leakage (%)		80
Levels	1	Bedrooms	2	Baths	1	Fireplaces		0
Average Attic R-Value			Average Wall Height		8			

WINDOWS AND SHADING

Types of Windows	Double Pane;Low-e									
Types of Shading	Vegetation;Adjacent Structure									
Windows	S	SW	W	NW	N	NE	E	SE	Skylight	
Needs Shade (sf ft)										
House Shape	Box				Building Front Orientation			SE		

APPLIANCES & WATER HEATER

APPLIANCES (Remaining in Home)			'92 or older		'93 or newer				
Refrigerators			0		1	Pool and / or Jacuzzi Pumps		0	
Freezers			0		0	Speed	None		
Clothes Washer			0		0	Pool Pump Timers		0	
Clothes Dryers	None		0		0	Water Heaters	0		
Dish Washers				1		WH1	None	Fuel 1	None
Range/Stove/Ovens	Gas			1		WH2	None	Fuel 2	None
Inefficient Toilets (> 1.28 gal)			0			Water Heater Timers		0	
Efficient Toilets (<= 1.28 gal)			1						
MISC Lighting	LEDs			Solar PV	No	Electric Vehicle Charger		No	
Sprinklers	No		Year Installed		Rainwater Collector		No		
Natural Gas Generator			No	Water Saving Devices		All Sinks/showers			

ATTIC INSULATION & AIR INFILTRATION

Roof Type	Pitched	Roof Materials	Shingle	Roof Color	Not Visible	Total Attic R Value	
Attic Insulation		Insulation Type	No Access		Secondary Insulation Type		None
		Square Feet		Inches Deep		R Value	0
Vaulted Ceiling Insulation		Insulation Type	No Vaulted Ceiling		Secondary Insulation Type		None
		Square Feet		Inches Deep		R Value	0
Cathedral Ceiling Insulation		Insulation Type	No Cathedral Ceiling				
		Square Feet		Inches Deep		R Value	0
Attic/Knee Wall Insulation Status			None				
No	Radiant Barrier	Radiant Barrier Type		None	Chases	None	
	Plumbing Penetrations Sealed		Yes	Furnace & WH Closet Appropriately Sealed			Yes
	# Exterior Doors	1	# Doors Weather-stripped		1	Whole House Fan	None
	# Conditioned Stair Boxes/Hatches		0	# Insulated	0	# Weather-stripped	0

HEATING AND COOLING

Unit # 1	Zone Description	whole condo	Duct System	Sheet Metal
	Estimated Square Footage (Zone)	661	Duct Locations	Furdowns
	Cooling Type	Central Air	Duct Condition	Fair
	Thermostat	None	R-Value	R-8
	Condenser Mfg Year		Return Air Sq In	400.0
	Estimated EER	0.0	Return Plenum Properly Sealed	No
	Estimated Condenser BTUs	[2.0] 24,000 BTU	Grille Type	Stamped
	Tonnage from Mfg Spec	0	Target CFM	600
	Tonnage from Est Sq Ft	2	Estimated CFM	800.00
	Sqft Per Ton	330.5	Did Not Reach Pressure	True
	Heating Type	Central Heat	Pressure Test Leakage CFM	
	Fuel Type	Gas	% Leakage	80
	Furnace/Air Handler Location	Inside House - Closet	Supply Air Reading	
	Air Handler Type	Up Flow	Return Air Reading	
	Furnance Mfg Date	1990-2005	Delta T	0.0
	Estimated Furnance BTUs	[2.0] 50K	AFUE	[Direct Draft] 90%

NOTES & INSTRUCTIONS

Furnace was manufactured in 1997.
 Unable to get on the roof at time of audit to see the AC condenser date of manufacture.
 Thermostat is digital.
 I was unable to bring my equipment up to proper pressure to take the duct leakage reading. This is common in older condos.