HOMEOWNER INFORMATION SHEET

ENERGUIDE

Your EnerGuide* rating and this report are based on data collected and, where necessary, presumed from your evaluation. Rating calculations are made using standard operating conditions.

Rating: 99 gigajoules per year (GJ/year)

Heated floor area: 183.1 m² (1970.9 ft²)

Rated energy intensity: 0.54 GJ/m²/year

Evaluated b[redacted]

Quality assured by: ENERGY WERX CORP

File number: 9TF5D00164

Data collected: November 21, 2023

Year built: 1997

NRCan.gc.ca/myenerguide

HOW YOUR RATING IS CALCULATED:

I.	Rated annual energy consumption	99 GJ/year
II.	Minus renewable energy contribution	- 0 GJ/year
	Equals your **EnerGuide rating**	**= 99 GJ/year**

I. Your rated annual energy consumption is the total amount of energy your house would use in a year based on the EnerGuide Rating System standard operating conditions. For your house, this includes 7.27 GJ of passive solar gain.

Energy Sources	Rated Consumption (GJ/year)	Equivalent Units (per year)	Greenhouse Gas Emissions (tonnes/year)
Natural gas	71 (70.60)	1912 m3	3.8
Electricity	28	7704 kWh	5.6
Total	99		9.4

II. On-site renewable power generation systems can offset some or even all of your home's energy consumption. Renewable energy contributions are factored differently for your rating and your greenhouse gas emissions calculations.[1]

On-Site Renewable Energy	Estimated Contribution (GJ/year)	Equivalent Units (per year)	Offset Greenhouse Gas Emissions (tonnes/year)
Electricity	0	0 kWh	0.0
Solar water heating	0	0	0.0
Total	0		0.0

HOW YOUR CONSUMPTION COMPARES:

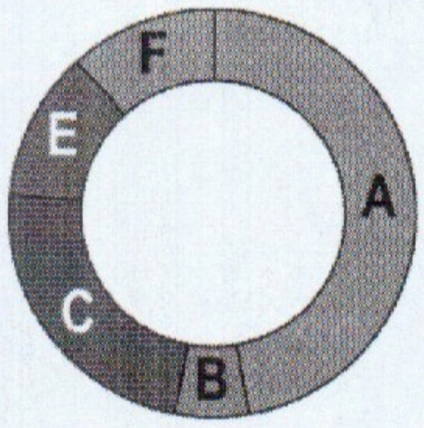
Compared to a typical new house, your house uses:

19.3% more energy;

26.8% more energy, when excluding the estimated energy consumption of lighting, appliances and electronics.

HOW YOUR RATED ENERGY IS USED:

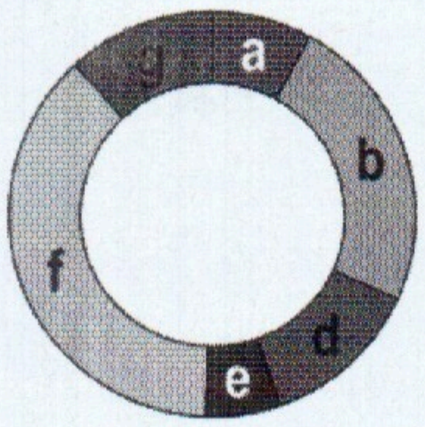
The chart below represents the breakdown of rated annual energy consumption in your home under standard operating conditions. You can use these figures as a guide to help identify where you can lower home energy costs through proper home maintenance, efficient home operation, energy efficiency renovations or equipment replacement.



A.	Space heating	48%
B.	Space cooling	2%
C.	Water heating	24%
D.	Ventilation	0%
E.	Lights & appliances	12%
F.	Other electrical	14%

WHERE YOUR HOME LOSES HEAT:

Houses lose heat through their exterior shell, or building envelope. The chart below shows where and how your home loses heat. The quality and upkeep of your home can have a major impact on the amount of energy your heating and cooling systems use annually.



a.	Attic/Ceiling	8%
b.	Main Walls	24%
c.	Exposed floors	0%
d.	Windows	13%
e.	Exterior doors	5%
f.	Basement/Foundation	38%
g.	Air leakage/ventilation	12%

*EnerGuide is an official mark of Natural Resources Canada.
Refer to the glossary section for an explanation of relevant terms.

HOUSE DETAILS

BUILDING ENVELOPE

ATTIC/CEILING

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Ceiling01: Attic/gable	6.02 (34.2)	5.94 (33.7)	93.4 (1005)
Ceiling02: Attic/gable	6.02 (34.2)	5.51 (31.3)	1.4 (15)

MAIN WALLS

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Main floor: 38x89 mm (2x4 in) Wood frame	2.11 (12.0)	2.08 (11.8)	99.1 (1067)

EXPOSED FLOORS

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Floor: Exp Floor-01	2.11 (12.0)	2.71 (15.4)	1.4 (15)

WINDOWS

#	TYPE	U-factor W/m² • °C (Btu/h • ft² • °F)	RSI (R)
2	Aluminum, Slider, Single, No low E	8 (1.41)	0.13 (0.7)
1	Wood, Fixed, Double, No low E	3 (0.54)	0.33 (1.9)
1	Wood, Fixed, Double, No low E	3 (0.52)	0.34 (1.9)
1	Vinyl, Hinged, Triple, Low E	1.4 (0.25)	0.70 (4.0)
2	Vinyl, Hinged, Triple, Low E	1.3 (0.23)	0.76 (4.3)
2	Vinyl, Slider, Triple, Low E	1.2 (0.22)	0.80 (4.5)
1	Vinyl, Hinged, Triple, Low E	1.2 (0.2)	0.86 (4.9)
1	Vinyl, Hinged, Triple, Low E	1.1 (0.2)	0.89 (5.1)
1	Vinyl, Fixed, Triple, Low E	1 (0.17)	1.01 (5.8)
1	Vinyl, Hinged, Triple, Low E	1 (0.17)	1.04 (5.9)
Total window area: 14.66 m² (157.7 ft²)			

EXTERIOR DOORS

#	TYPE	U-factor W/m² • °C (Btu/h • ft² • °F)	RSI (R)
2	Steel fibreglass core	3.4 (0.61)	0.29 (1.6)
Total door area: 3.56 m² (38.3 ft²)			

BASEMENT/FOUNDATION

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Foundation - 1 concrete walls: exterior	N/A	N/A	88.2 (949)
Foundation - 1 concrete walls: interior	2.11 (12.0)	1.75 (10.0)	88.2 (949)
Foundation - 1 header	1.76 (10.0)	2.37 (13.5)	7.2 (78)
Foundation - 1 slab	0.12 (0.7)	0.12 (0.7)	88.3 (950)

AIRTIGHTNESS

Air leakage rate at 50 pascals	2.59 air changes/hour
Equivalent leakage area	428.4 cm² (66 in²)
Normalized leakage area	1.1 cm²/m² (1.6 in²/100 ft²)

MECHANICAL SYSTEMS

SPACE HEATING

TYPE	OUTPUT SIZE	EFFICIENCY
Condensing natural gas furnace	10.5 kW 36000 BTU/h	94.5% AFUE
Design heating load: 9.20 kW – refer to glossary for details		

SPACE COOLING

TYPE	OUTPUT SIZE	EFFICIENCY
Central air conditioner	1.74 kW 6000 BTU/h	16 SEER
Design cooling load: 1.83 kW		

WATER HEATING

TYPE	TANK VOLUME	EFFICIENCY
Natural gas storage tank	151L (40 USG)	0.62 EF

WHOLE-HOME VENTILATION

TYPE	AIR FLOW RATE	EFFICIENCY
N/A	N/A	N/A

HEATED FLOOR AREA

Above-grade area	94.8 m² (1020 ft²)
Below-grade area	88.3 m² (950 ft²)

WARNINGS

The results of the energy simulation determined that this house may not receive sufficient outdoor air to maintain good indoor air quality. Please seek additional information from your energy advisor and a qualified ventilation contractor.

ENERGUIDE

Data collected: November 21, 2023
File number: **9TF5D00164**
Evaluated by:

99 This house GJ/year

0 GJ/year
Best energy performance

83 GJ/year
A typical new house

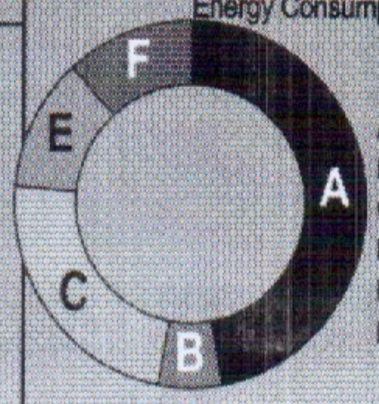
Uses most energy

One gigajoule (GJ) equals the energy from two BBQ propane tanks

Rated Annual Energy Consumption		99 GJ
•Natural gas	71	
•Electricity	28	
On-site renewable energy contributions		- 0 GJ
•Electricity	0	
•Solar water heating	0	
EnerGuide Rating:		= 99 GJ

Figures may not add up due to rounding.

Breakdown of Rated Annual Energy Consumption:



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F	Other electrical	14%

Rated Energy Intensity: **0.54 GJ/m²/year**

Rated Greenhouse Gas Emissions: **9.4 tonnes/year**

NEXT STEPS

If you have had a Renovation Upgrade Service, refer to your report for the roadmap to making your home more energy efficient. If you have not yet had a Renovation Upgrade Service, why not contact your service organization to learn what you can do to save on energy costs, reduce greenhouse gas emissions and improve home comfort?

Everyone uses energy in their house differently. This report was developed using standard operating conditions as explained in the glossary. Therefore, your EnerGuide rating will not match your utility bills.

UPGRADE CONSIDERATIONS

Before undertaking upgrades or renovations, find out about appropriate products and installation techniques, and ensure that all renovations meet local building codes and by-laws. Natural Resources Canada does not endorse the services of any contractor, nor any specific product, and accepts no liability in the selection of materials, products, contractors nor performance of workmanship.

Where your energy advisor has identified a potential health or safety concern such as insufficient outdoor air, risk of combustion fumes entering your house or risk of exposure to asbestos, they have endeavoured to provide a warning in this report. However, energy advisors are not required to have expertise in health and safety matters, and homeowners are solely responsible for consulting a qualified professional to determine potential hazards before undertaking any upgrades or renovations.

The energy consumption indicated on your utility bills may be higher or lower than your EnerGuide rating. This is because standard assumptions have been made regarding how many people live in your house and how the home is operated. Your rating is based on the condition of your house on the day it was evaluated.

Quality assured by: ENERGY WERX CORP

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