

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: 8 gigajoules per year (GJ/year)

Heated floor area: 183.1 m² (1970.9 ft²)

Rated energy intensity: 0.27 GJ/m²/year

Quality assured by: Verdatech

File number: 34K4E00288

Data collected: September 30, 2024

Year built: 1975

[NRCan.gc.ca/myenerguide](https://nrcan.gc.ca/myenerguide)

HOW YOUR RATING IS CALCULATED:

I. Rated annual energy consumption	49 GJ/year
II. Minus renewable energy contribution	- 41 GJ/year
Equals your EnerGuide rating	= 8 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 7.18 GJ of passive solar gain.

Energy Sources	Rated Consumption (GJ/year)	Equivalent Units (per year)	Greenhouse Gas Emissions (tonnes/year)
Electricity	49	13597 kWh	7.9
Total	49		7.9

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	41	11297 kWh	6.6
Solar water heating	0	0	0.0
Total	41		6.6

HOW YOUR CONSUMPTION COMPARES:

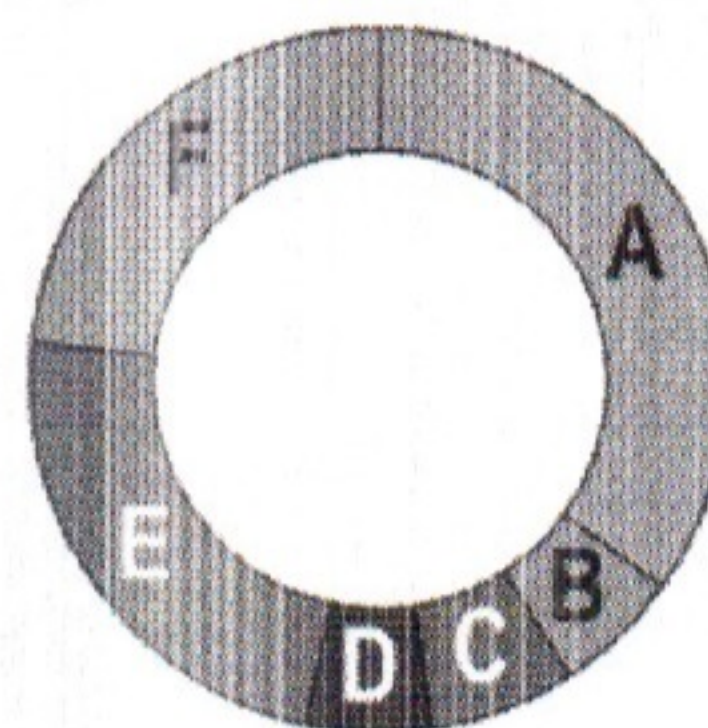
Compared to a typical new house, your house uses:

38.8% less energy;

57.2% less energy, when excluding the estimated energy consumption of lighting, appliances and electronics.

HOW YOUR RATED ENERGY IS USED:

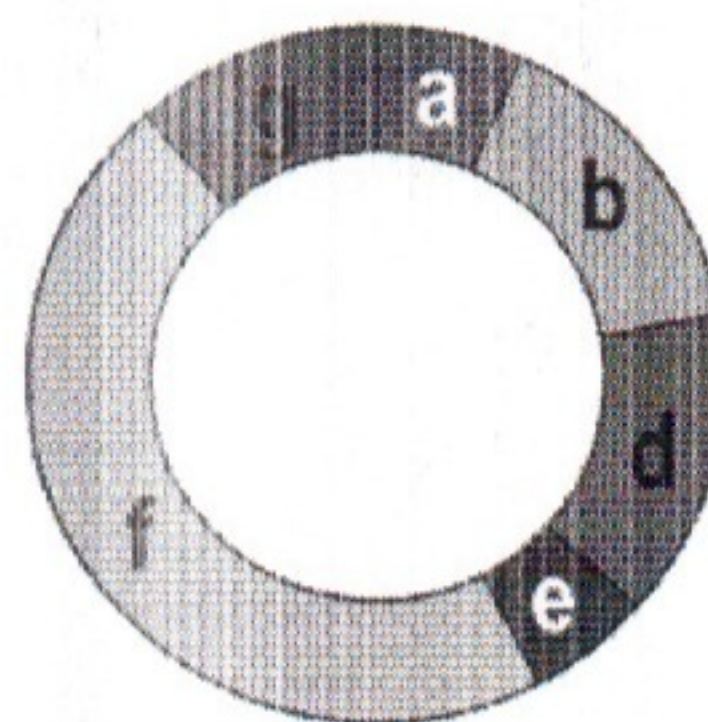
The chart below represents the breakdown of rated annual energy consumption in your home under standard operating conditions. You can use these figures as a guide to help identify where you can lower home energy costs through proper home maintenance, efficient home operation, energy efficiency renovations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



A. Space heating	36%
B. Space cooling	4%
C. Water heating	7%
D. Ventilation	1%
E. Lights & appliances	24%
F. Other electrical	28%

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	7%
b. Main Walls	16%
c. Exposed floors	0%
d. Windows	15%
e. Exterior doors	2%
f. Basement/Foundation	48%
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	10.92 (62.0)	9.77 (55.5)	93.4 (1005)
Ceiling02: Attic/gable	10.92 (62.0)	7.67 (43.5)	1.4 (15)

MAIN WALLS

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Main floor	4.12 (23.4)	4.17 (23.6)	99.1 (1067)

EXPOSED FLOORS

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Floor: Exp Floor-01	7.32 (41.5)	7.42 (42.1)	1.4 (15)

WINDOWS

#	TYPE	U-factor W/m² · °C (Btu/h · ft² · °F)	RSI (R)
1	Vinyl, Fixed, Double, Low E	2.1 (0.36)	0.48 (2.8)
1	Vinyl, Fixed, Double, Low E	2 (0.34)	0.51 (2.9)
1	Vinyl, Hinged, Triple, Low E	1.4 (0.25)	0.70 (4.0)
1	Vinyl, Fixed, Triple, Low E	1.3 (0.23)	0.75 (4.3)
2	Vinyl, Hinged, Triple, Low E	1.3 (0.23)	0.76 (4.3)
1	Vinyl, Hinged, Triple, Low E	1.3 (0.23)	0.77 (4.4)
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: 15.01 m² (161.6 ft²)			

EXTERIOR DOORS

#	TYPE	U-factor W/m² · °C (Btu/h · ft² · °F)	RSI (R)
2	Fibreglass polystyrene core	1.2 (0.21)	0.85 (4.8)
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	3.66 (20.8)	4.45 (25.3)	7.2 (78)
Foundation - 1 slab	0.12 (0.7)	0.12 (0.7)	88.3 (950)

AIRTIGHTNESS

Air leakage rate at 50 pascals	1.77 air changes/hour
Equivalent leakage area	255.6 cm² (40 in²)
Normalized leakage area	0.7 cm²/m² (1 in²/100 ft²)

MECHANICAL SYSTEMS

SPACE HEATING

TYPE	OUTPUT SIZE	EFFICIENCY
Electric furnace	6.5 kW 22500 BTU/h	100% Steady State
Central split air-source heat pump	22.37 kW 76500 BTU/h	3.56COP
Design heating load: 5.60 kW – refer to glossary for details		

SPACE COOLING

TYPE	OUTPUT SIZE	EFFICIENCY
Central split air-source heat pump	22.37 kW 76500 BTU/h	3.77 COP
Design cooling load: 2.02 kW		

WATER HEATING

TYPE	TANK VOLUME	EFFICIENCY
Integrated heat pump	246L (65 USG)	4.05 COP

WHOLE-HOME VENTILATION

TYPE	AIR FLOW RATE	EFFICIENCY
ENERGY STAR certified heat recovery ventilator	27.99 L/s (59 cfm)	78%

HEATED FLOOR AREA

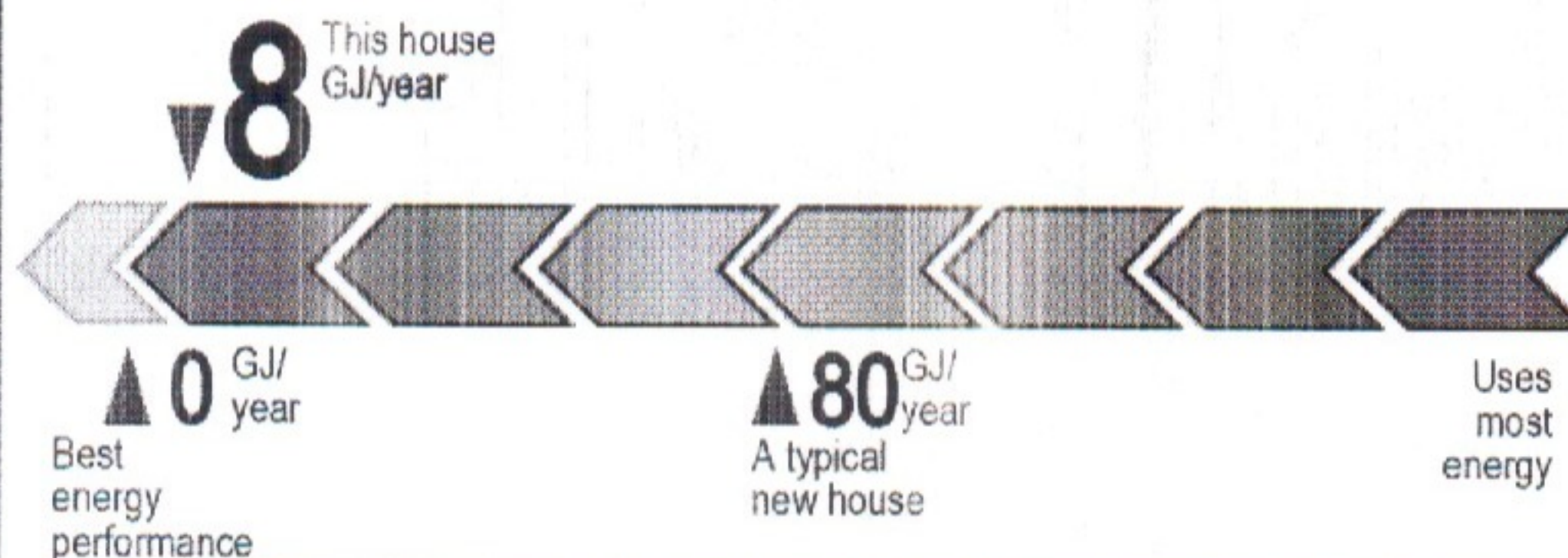
Above-grade area	94.8 m² (1020 ft²)
Below-grade area	88.3 m² (950 ft²)

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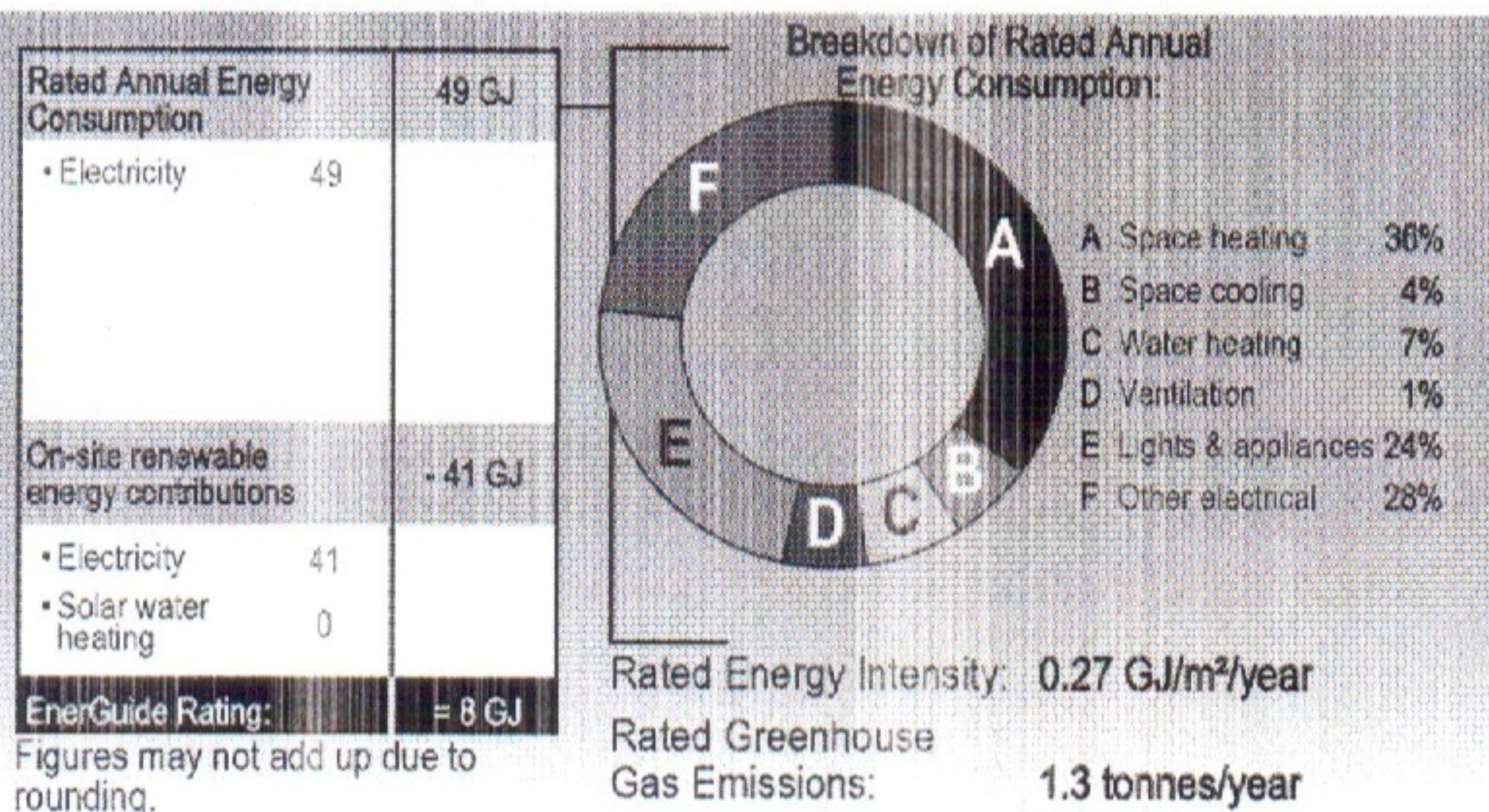
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Evaluated by [REDACTED]



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



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.

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