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: 180 gigajoules per year (GJ/year)

Heated floor area: 239.9 m² (2582.3 ft²)

Rated energy intensity: 0.75 GJ/m²/year

Evaluated by

Quality assur

File number:

Data collected: November 4, 2020

Year built: 1968

NRCan.gc.ca/myenerguide

HOW YOUR RATING IS CALCULATED:

I.	Rated annual energy consumption	180 GJ/year
II.	Minus renewable energy contribution	- 0 GJ/year
	Equals your **EnerGuide rating**	**= 180 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 21.11 GJ of passive solar gain.

Energy Sources	Rated Consumption (GJ/year)	Equivalent Units (per year)	Greenhouse Gas Emissions (tonnes/year)
Natural gas	149	3997 m3	7.6
Electricity	31	8534 kWh	0.3
Total	180		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	0	0 kWh	0.0
Solar water heating	0	0	0.0
Total	0		0.0

HOW YOUR CONSUMPTION COMPARES:

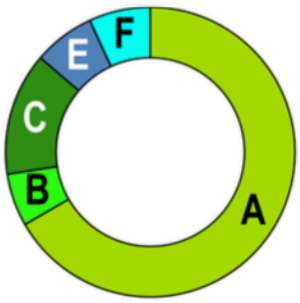
Compared to a typical new house, your house uses:

87.5% more energy;

119.5% more energy, when excluding the estimated energy consumption of lighting, appliances and electronics.

HOW YOUR RATED ENERGY IS USED:

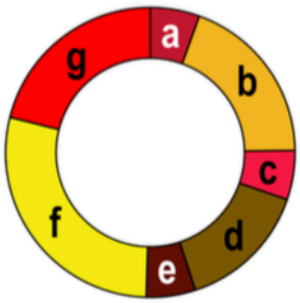
The chart below represents the breakdown of rated annual energy consumption in your home under standard operating conditions. You can use these figures as a guide to help identify where you can lower home energy costs through proper home maintenance, efficient home operation, energy efficiency renovations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



A.	Space heating	68%
B.	Space cooling	3%
C.	Water heating	14%
D.	Ventilation	0%
E.	Lights & appliances	7%
F.	Other electrical	8%

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	6%
b.	Main Walls	21%
c.	Exposed floors	2%
d.	Windows	16%
e.	Exterior doors	1%
f.	Basement/Foundation	31%
g.	Air leakage/ventilation	23%

*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	4.93 (28.0)	4.88 (27.7)	51.7 (556)
Ceiling02: Attic/gable	4.93 (28.0)	4.55 (25.8)	72.6 (781)

MAIN WALLS

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Main floor buff: 38x89 mm (2x4 in) Wood frame	3.52 (20.0)	3.26 (18.5)	21.2 (228)
Main floor: 38x89 mm (2x4 in) Wood frame	2.11 (12.0)	2.08 (11.8)	80.6 (868)
Second level: 38x89 mm (2x4 in) Wood frame	2.11 (12.0)	2.08 (11.8)	81 (872)

EXPOSED FLOORS

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Floor: Exp Floor-01	3.52 (20.0)	4.25 (24.1)	38.1 (410)

WINDOWS

#	TYPE	U-factor W/m² • °C (Btu/h • ft² • °F)	RSI (R)
3	Wood, Slider, Double, No low E	3 (0.54)	0.33 (1.9)
1	Vinyl, Hinged, Double, No low E	3 (0.53)	0.33 (1.9)
2	Wood, Fixed, Double, No low E	3 (0.53)	0.33 (1.9)
5	Vinyl, Hinged, Double, No low E	2.9 (0.52)	0.34 (1.9)
3	Wood, Fixed, Double, No low E	2.9 (0.52)	0.34 (1.9)
1	Wood, Slider, Double, No low E	2.9 (0.52)	0.34 (1.9)
1	Vinyl, Fixed, Double, Low E	1.7 (0.29)	0.60 (3.4)
Total window area: 22.14 m² (238.3 ft²)			

EXTERIOR DOORS

#	TYPE	U-factor W/m² • °C (Btu/h • ft² • °F)	RSI (R)
1	Steel polystyrene core	1 (0.18)	0.98 (5.6)
1	Fibreglass medium density spray foam core	1 (0.18)	0.98 (5.6)
Total door area: 4.23 m² (45.6 ft²)			

BASEMENT/FOUNDATION

TYPE	INSULATION VALUE		AREA m² (ft²)
	Nominal RSI (R)	Effective RSI (R)	
Foundation - 1 concrete walls: exterior	N/A	N/A	76.5 (824)
Foundation - 1 concrete walls: interior	N/A	N/A	76.5 (824)
Foundation - 1 header	N/A	0.69 (3.9)	9.4 (101)
Foundation - 1 slab	N/A	N/A	83.5 (899)

AIRTIGHTNESS

Air leakage rate at 50 pascals	5.57 air changes/hour
Equivalent leakage area	1352.2 cm² (210 in²)
Normalized leakage area	2.6 cm²/m² (3.7 in²/100 ft²)

MECHANICAL SYSTEMS

SPACE HEATING

TYPE	OUTPUT SIZE	EFFICIENCY
Condensing natural gas furnace	22 kW 75500 BTU/h	92.1% AFUE
Natural gas fireplace with pilot	2 kW 7000 BTU/h	30% Steady State
Design heating load: 19.89 kW – refer to glossary for details		

SPACE COOLING

TYPE	OUTPUT SIZE	EFFICIENCY
Central air conditioner	4.43 kW 15500 BTU/h	13 SEER
Design cooling load: 4.28 kW		

WATER HEATING

TYPE	TANK VOLUME	EFFICIENCY
Natural gas power vented storage tank	189L (50 USG)	0.57 EF

WHOLE-HOME VENTILATION

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

HEATED FLOOR AREA

Above-grade area	156.4 m² (1683 ft²)
Below-grade area	83.5 m² (899 ft²)

ENERGUIDE

Data collected: November 4, 2020

File number:

Evaluated by:

180 This house GJ/year

0 GJ/year
Best energy performance

96 GJ/year
A typical new house

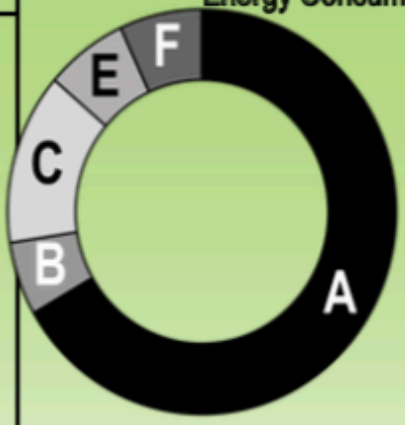
Uses most energy

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

Rated Annual Energy Consumption		180 GJ
• Natural gas	149	
• Electricity	31	
On-site renewable energy contributions		**- 0 GJ**
• Electricity	0	
• Solar water heating	0	
EnerGuide Rating:		**= 180 GJ**

Figures may not add up due to rounding.

Breakdown of Rated Annual Energy Consumption:



A	Space heating	**68%**
B	Space cooling	**3%**
C	Water heating	**14%**
D	Ventilation	**0%**
E	Lights & appliances	**7%**
F	Other electrical	**8%**

Rated Energy Intensity: **0.75 GJ/m²/year**

Rated Greenhouse Gas Emissions: **7.9 tonnes/year**