

How do you prefer to use your energy dollar?

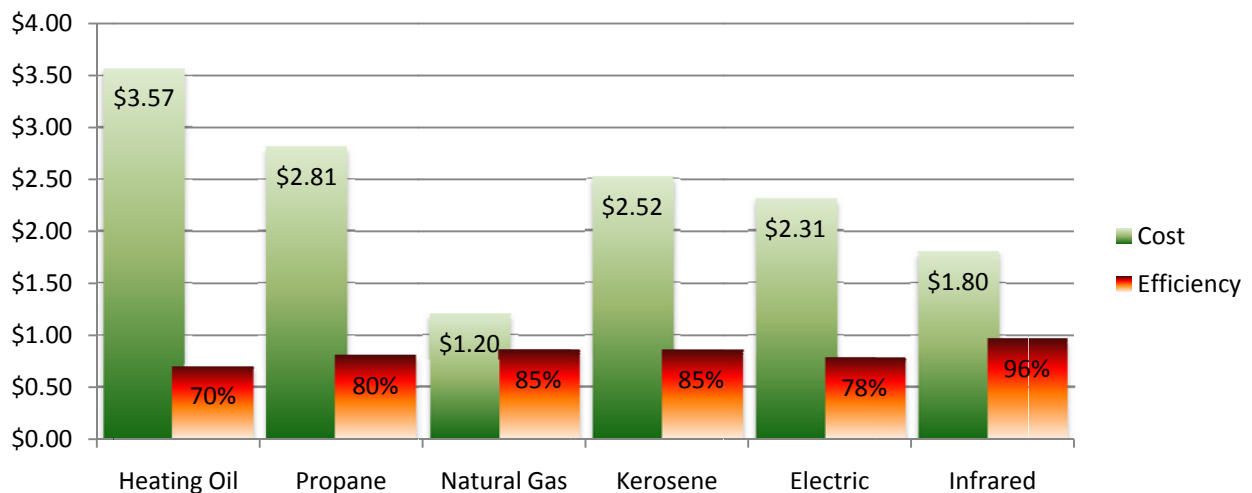
Be a green technology advocate.
 Stop the **pollution**, save the *planet*.

Typical cost to produce 5,000 BTU of heat for 18 hours

Type of Fuel	# of BTU's	Amount Used	Efficiency Factor & Unit Cost	Cost
Heating Oil	90,000	1 gallon	70% / \$2.50 per gal	\$3.57
Propane	90,000	1 gallon	80% / \$ 2.25 per gal	\$2.81
Natural Gas	90,000	92 cubic feet	85% / \$1.02 per 100cf	\$1.20
Kerosene	90,000	1 gallon	85% / \$2.15 per gal	\$2.52
Electric	90,000	22.6 kW	78% / \$.08 per kW	\$2.31
Electric Infrared	90,000	22.6 kW	96% / \$.08 per kW	\$1.80

note: Prices fluctuate in every region on a seasonal basis and may not be accurate for your area.

Cost vs. Efficiency



By-Products of some portable heating appliances

- *Kerosene and Propane space heaters* that are not vented consume precious room oxygen. Those that are vented are less efficient and a good percentage of the heat goes out the vent.
- *Kerosene and Propane space heaters* use approximately 1 gallon of water per gallon of fuel burned + the by-products of hydrocarbon combustion cycle (carbon monoxide, etc.).
- *Electric radiant heaters and solar dishes* emit solar radiation which causes sunburn and skin damage.

What to Consider When Buying an Infrared Portable Heater

In some cases, you may find that a single 5,600 BTU ComfortZone™ heater is insufficient to heat the space that you selected. However, you should consider all the alternatives for producing 5,600 BTU's of clean, therapeutic heat before choosing another type of heating system over infrared electric. Consider purchasing an additional ComfortZone™ heater.

Efficient Energy Usage

Generally speaking, infrared electric heaters are 25 – 35% *more efficient* than conventional electric heaters that generate radiant heat (i.e. electric oil radiators, baseboard heaters, solar/radiant dishes, built-in radiant heat).

An infrared heating system is more efficient because of the characteristics of the infrared wave generated by an infrared heater. The wave is shorter and penetrates the solid objects in the room much more quickly than radiant heating systems. Because infrared heat is absorbed more quickly into the objects in the room, instead of dissipating through the windows and walls, *it takes less energy to heat with infrared heat.*

Better Heat Absorption

Heating with natural gas may appear to be more cost efficient than heating with infrared electric – however, the *absorption rate of the heat* generated by an infrared heater actually makes it the more efficient option.

Enhanced Health & Comfort

Also, consider the therapeutic advantages you will experience when heating with infrared heat, including but not limited to: *reduced muscle and joint pain, increased flexibility, and increased blood flow.*

*Remember, it takes **less energy** to warm the objects in the room with **infrared heat** than it does with gas radiant heat, even though gas may currently cost less in some regions of the country.*

