

Energy Savings

If you are serious about reducing your energy bill, you must make educated decisions about where to cut back. After heating and cooling, a water heater is the largest home energy user. Cutting back on hot water use will have a greater effect on your bill than cutting back on cooking, lighting, or clothes drying.

Common Appliances Typical Wattages and kWh/Month	Typical Wattage	kWh/ Month
FOOD PREPARATION		
Blender	300	1
Broiler	1200	7
Coffee Maker	1000	10
Deep Fryer	1450	5
Dishwasher	1200	30
Food Processor	350	1
Fry Pan	1200	8
Garbage Disposer	445	1
Hot Plate	1200	90
Microwave	1450	15
Range & Oven	12200	75*
Roaster	1350	10
Sandwich Grill	1160	3
Slow Cooker	200	5
Toaster	1150	3
Trash Compactor	400	4
Waffle Iron	1200	2
FOOD PRESERVATION		
Freezer - 16 cu. ft.	250	70**
(Chest) 16 cu. ft.	250	55**
Freezer - 16 cu. ft. (frostless)	300	115**
Freezer - 20 cu. ft.	275	80**
(Chest) 20 cu. ft.	275	60**
Freezer - 20 cu. ft. (frostless)	350	125**
Refrigerator:		
1-door (manual frost)	460	50**
2-door (frostfree)	690	100**
side-by-side (frostfree)	750	135**
Energy Efficient 2-door (frostfree)	630	85**
LAUNDRY		
Clothes Dryer	4850	80
Iron (hand)	1100	5
Washing Machine (automatic)	500	8
Washing Machine (non-automatic)	285	6
Water Pump	460	19
Water Heater	4500	500

COMFORT CONDITIONING

Air Cleaner	30	20
Dehumidifier	550	225***
Electric Blanket	175	15
Fan, Attic	370	25
Fan, Circulating	88	25***
Fan, Furnace	450	175***
Fan, Window	200	60***
Humidifier	177	40***
Portable Heater	1325	1.3 per hour
Window Air-Conditioner:		
(6000 Btu-EER 8.0)	750	225***
(11000 Btu-EER 8.0)	1325	390***

HEALTH AND BEAUTY

Curling Iron	40	1
Hair Dryer (blow-dry model)	1000	4
Hair Dryer	600	3
Heating Pad	65	1
Toothbrush	1.1	.08

HOME ENTERTAINMENT

Radio	70	17
Radio/Record Player	110	9
Television:		
b/w tube	100	18
b/w solid state	45	9
color tube	240	50
color solid state	145	30

HOUSEWARES

Clock	2	2
Floor Polisher	305	1
Sewing Machine	75	1
Vacuum Cleaner	630	4
Home Computer	200	12 2 hrs/day
Video Cassette Recorder	37	5 hrs/day

OTHER

Pool Filter	1000	480***
Water Bed Heater	400	200

LIGHTING - To estimate consumption:

Conservative use of lighting, excluding outdoor lighting, calculate 50-100 kWh/month.
 Liberal use of lighting, calculate to 250 kWh/month.

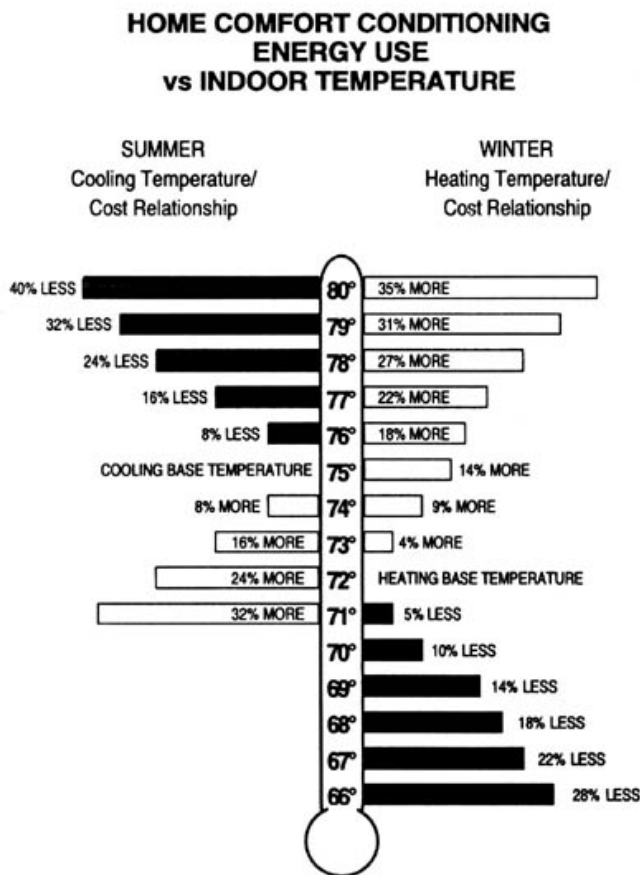
Outdoor Lighting:

____ Watts x hrs/mo. / 1000 = ____ kWh

*Manufacturers estimate the self-cleaning oven uses about 3 kWh for each cleaning operation; however, additional insulation increases efficiency during baking which more than offsets the added cost of the cleaning cycle.

**Based on new equipment with improved efficiency.

***Monthly average during season of use.



Heating figures on this page based on 0°F outdoor design and 72°F indoor design with an average winter temperature of 44°F (Lexington, Kentucky), with internal heat gain sufficient until outdoor temperature reaches 65°F. Cooling figures on this page based on 900 to 1,200 equivalent full load hours per season at 75°F indoor temperature.