

Household Appliances and their Consumption

| Air Conditioning | |
|--|--------------------------|
| Window/wall (8k Btu) (120V–12 EER) | 0.73 kWh per hour |
| Window/wall (18k Btu) (240V) | 1.8 kWh per hour |
| Central (3 ton–12 SEER) | 3.0 kWh per hour |
| Ceiling fan | 0.025–0.075 kWh per hour |
| Water Heating (All uses) | |
| Electric water heater | 380–500 kWh per month |
| Heat pump (50–75 gal) water heater | 77 kWh per month |
| Heat pump (>75 gal) water heater | 111.8 kWh per month |
| Heating Appliances | |
| Portable heater (1500W) | 1.5 kWh per hour |
| Baseboard heater (six foot unit) (250 W/foot) | 1.5 kWh per hour |
| Kitchen Appliances | |
| Oven | 2.3 kWh per hour |
| Oven: surface | 1–1.5 kWh per hour |
| Oven: self-cleaning feature | 6 kWh per hour cleaning |
| Microwave oven | 0.12 kWh per 5 min |
| Coffee maker | 0.12 kWh per brew |
| Dishwasher: normal cycle (not including hot water) | 1–2.17 kWh per load |
| Toaster oven | 0.75 kWh–per hour |



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| Refrigerator/Freezer (Older Units) | |
|---|--------------------|
| Refrigerator, 15 cu. ft. (2000 unit) | 72 kWh per month |
| Freezer chest, 15 cu. ft. (2000 unit) | 44 kWh per month |
| Refrigerator/Freezer (Newer Units - ENERGY STAR Refrigerators) | |
| ENERGY STAR Refrigerator 14 cu. ft. | 28 kWh per month |
| ENERGY STAR Refrigerator 19 cu. ft. | 45 kWh per month |
| ENERGY STAR Refrigerator 21 cu. ft. | 50 kWh per month |
| ENERGY STAR Refrigerator 25 cu. ft. | 63 kWh per month |
| Laundry | |
| Clothes dryer (light load vs. heavy load) | 2.5–4 kWh per load |
| Non ENERGY STAR-Qualified | 2.28 kWh per load |
| Warm wash, cold rinse | 2.3 kWh per load |
| Hot wash, warm rinse | 6.3 kWh per load |
| Pool/Hot Tub | |
| Filter pump (1/2–1 hp) | 1.12 kWh per hour |
| Filter pump (2 hp) | 1.5 kWh per hour |
| Single-speed pump | 0.54 kWh per hour |
| Dual-speed pump | 0.29 kWh per hour |
| Variable-speed pump | 0.12 kWh per hour |

