

## Consumption Chart

### Use Electricity Wisely & Safely

Understanding how you use the electricity in your house is the first step in learning how to manage your bill. Listed on the following consumption chart are the average wattage of some widely used appliances, the estimated number of kilowatt hours they use in a month and the approximate cost of operating them during the month.

#### Consumption Chart

List of Appliances by Room or Type	Average Wattage	Monthly Hours of Use	Monthly kWh	Approximate cost/Month (\$0.10/kWh)
Kitchen				
Barbecue Grill	1,350	5 - 10	7 - 14	\$0.70 - \$1.40
Broiler	1,400	4 - 12	5 - 17	\$0.50 - \$1.70
Can Opener	175	0.08 - 1	0.01 - 0.18	\$0.00 - \$0.02
Carving Knife	90	1 - 2	0.1 - 0.2	\$0.01 - \$0.02
Coffee Maker	900	4 - 30	4 - 27	\$0.40 - \$2.70
Deep Fat Fryer	1,500	5 - 10	8 - 15	\$0.80 - \$1.50
Dishwasher (electric hot water)	1,300	8 - 40	20 - 102	\$2.00 - \$10.20
Dishwasher (non-electric hot water)**	1,300	8 - 40	3 - 16	\$0.30 - \$1.60
Food Blender	390	3 - 5	1 - 2	\$0.10 - \$0.20
Food Freezer (15 Cubic feet)	335	180 - 420	60 - 140	\$6.00 - \$14.00
Food Mixer (hand and table)	100	1 - 5	0.1 - 0.5	\$0.01 - \$0.05
Frying Pan	1,500	10 - 20	12 - 23	\$1.20 - \$2.30
Hot Plate	1,320	2 - 6	3 - 8	\$0.30 - \$0.80
Kettle	1,500	1 - 10	1 - 15	\$0.10 - \$1.50
Microwave Oven	1,000	5 - 30	5 - 30	\$0.50 - \$3.00
Range	12,500	10 - 50	50 - 80	\$5.00 - \$8.00

Range (self-cleaning cycle only)	3,200	0.5 - 1.5	2 - 5	\$0.20 - \$0.50
Refrigerator-Freezer (frost-free)	500 17 cu. ft.	150 - 300	75 - 150	\$7.50 - \$15.00
Refrigerator-Freezer (non-frost-free)	300 13 cu. ft.	190 - 300	56 - 90	\$5.60 - \$9.00
Toaster	1,150	1 - 3.5	1 - 4	\$0.10 - \$0.40
Toaster Oven	1,250	2 - 24	2.5 - 30	\$0.25 - \$3.00
Waffle Iron	1,100	1 - 2	1 - 2	\$0.10 - \$0.20
Lighting				
Heat Lamp (infrared)	250	2 - 4	0.5 - 1	\$0.05 - \$0.10
60 Watt Incandescent Lamp	60	17 - 200	1 - 12	\$0.10 - \$1.20
Compact Fluorescent Equivalent	18 60 Watt	17 - 200	0.3 - 3.6	\$0.03 - \$0.36
Ceiling Fixture - 3 x 60 Watt Bulbs	180	6 - 195	2 - 35	\$0.20 - \$3.50
Tri-Light (table lamp)	100	10 - 200	1 - 20	\$0.10 - \$2.00
Chandelier - 5 Lamp	300	10 - 183	3 - 55	\$0.30 - \$5.50
Fluorescent - 2 tubes x 4 feet	100	10 - 200	1 - 20	\$0.10 - \$2.00
Sun Lamp	280	1 - 4	0.28 - 1	\$0.03 - \$0.10
Bedroom & Bathroom				
Electric Blanket	180	30 - 90	5 - 16	\$0.50 - \$1.60

Hair Dryer (portable)	1,000	1 - 10	1 - 10	\$0.10 - \$1.00
Heating Pad	65	15 - 30	1 - 2	\$0.10 - \$0.20
Shaver	15	3 - 5	0.05 - 0.08	\$0.00 - \$0.01
Toothbrush	10	1 - 2	0.01 - 0.02	\$0.00
Water Bed Heater	400	150 - 300	20 - 120	\$2.00 - \$12.00

#### Laundry Room

Dryer	5,000	6 - 28	30 - 140	\$3.00 - \$14.00
Washer (electric hot water)	500	7 - 40	33 - 196	\$3.30 - \$19.60
Washer (non electric hot water)	500	7 - 40	3 - 16	\$0.30 - \$1.60
Iron	1,000	1 - 10	1 - 10	\$0.10 - \$1.00
Sewing Machine	75	4 - 14	0.3 - 1	\$0.03 - \$0.10

#### Home Entertainment

Computer: Monitor & Printer	150	25 - 720	4 - 108	\$0.40 - \$10.80
Stereo	50	1 - 170	0.05 - 8	\$0.01 - \$0.80
Television	120	60 - 440	7 - 53	\$0.70 - \$5.30
Video Cassette Recorder (VCR)	40	50 - 200	1 - 8	\$0.10 - \$0.80

#### Heating & Cooling

Air Cleaner (room & furnace)*	40	250 - 720	10 - 29	\$1.00 - \$2.90
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Air Conditioner (room) 6,000 BTU	750	40 - 240	30 - 180	\$3.00 - \$18.00
Air Conditioner (room) 9,000 BTU	1,050	40 - 240	42 - 252	\$4.20 - \$25.20
Air Conditioner (central) 2.5 tons	3,500	80 - 287	280 - 1005	\$28.00 - \$100.50
Dehumidifier	350	120 - 720	42 - 252	\$4.20 - \$25.20
Electric Heater (portable)	1,000	30 - 90	30 - 90	\$3.00 - \$9.00
Fan (portable)	115	18 - 52	2 - 6	\$0.20 - \$0.60
Furnace Fan Motor (intermittent)	350	160 - 415	56 - 145	\$5.60 - \$14.50
Furnace Fan Motor (continuous)	350	720	252	\$25.20
Heat Exchange/HRV's	125	300 - 720	37 - 150	\$3.70 - \$15.00
Humidifier (portable)	100	80 - 540	8 - 54	\$0.80 - \$5.40
Oil Furnace (burner)	260	96 - 288	25 - 75	\$2.50 - \$7.50
Water Heating				
Water heater (typical family of 4)	3,800	98 - 138	375 - 525	\$37.50 - \$52.50
Water heater (typical family of 2)	3,800	66 - 92	250 - 350	\$25.00 - \$35.00
Outdoor/Misc.				
Block Heater	500	120 - 480	60 - 240	\$6.00 - \$24.00
Car Interior Heater	850	120 - 480	102 - 408	\$10.20 - \$40.80

Hedge Trimmer	125	4 - 8	0.5 - 1	\$0.05 - \$0.10
Lawn Mower	1,500	2 - 4	3 - 6	\$0.30 - \$0.60
Swimming Pool Filter 900 Motor: 1/2 HP		720	648	\$64.80
Swimming Pool Filter 1,200 Motor: 3/4 HP		720	864	\$86.40
Swimming Pool Filter 1,500 Motor: 1.0 HP		720	1,080	\$108.00
Swimming Pool Filter 2,100 Motor: 1.5 HP		720	1,512	\$151.20

Indoor/ Misc.

Ceiling Fan	60	15 - 330	1 - 20	\$0.10 - \$2.00
Clock	5	720	4	\$0.40
Drill	300	3 - 7	1 - 2	\$0.10 - \$0.20
Floor Polisher	300	3 - 7	1 - 2	\$0.10 - \$0.20
Power Saw	275	2 - 4	0.6 - 1	\$0.06 - \$0.10
Vacuum Cleaner (portable)	800	2 - 6	2 - 5	\$0.20 - \$0.50
Vacuum Cleaner (central)	1,600	2 - 6	4 - 10	\$0.40 - \$1.00

\*\* Add the cost from non-electric water heater

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