

Average Appliance Usage Costs

# of Units	Appliance	Watts	KW	Use in hrs/day	Monthly kwhrs	cost/kwhr	Monthly Cost
1	Air compressor 1 h.p.	1,000	1.00	0.50	15.00	\$0.09849	\$1.48
1	Air compressor 1/2 h.p.	500	0.50	0.50	7.50	\$0.09849	\$0.74
1	Air compressor 3 h.p.	3,000	3.00	0.50	45.00	\$0.09849	\$4.43
1	Air compressor 6 h.p.	6,000	6.00	0.50	90.00	\$0.09849	\$8.86
1	Air Conditioner - Central 1.5 ton	2,500	2.50	8.00	600.00	\$0.09849	\$59.09
1	Air Conditioner - Central 2.0 ton	3,200	3.20	8.00	768.00	\$0.09849	\$75.64
1	Air Conditioner - Central 2.5 ton	3,500	3.50	8.00	840.00	\$0.09849	\$82.73
1	Air Conditioner - Central 3.0 ton	4,500	4.50	8.00	1,080.00	\$0.09849	\$106.37
1	Air Conditioner - Central 4.0 ton	6,000	6.00	8.00	1,440.00	\$0.09849	\$141.83
1	Air Conditioner - Central 5.0 ton	7,500	7.50	8.00	1,800.00	\$0.09849	\$177.28
1	Air Conditioner - Window 10,000 BTU	1,200	1.20	8.00	288.00	\$0.09849	\$28.37
1	Air Conditioner - Window 12,000 BTU	1,600	1.60	8.00	384.00	\$0.09849	\$37.82
1	Air Conditioner - Window 14,000 BTU	1,875	1.88	8.00	450.00	\$0.09849	\$44.32
1	Air Conditioner - Window 16,000 BTU	2,125	2.13	8.00	510.00	\$0.09849	\$50.23
1	Air Conditioner - Window 18,000 BTU	2,395	2.40	8.00	574.80	\$0.09849	\$56.61
1	Air Conditioner - Window 20,000 BTU	2,666	2.67	8.00	639.84	\$0.09849	\$63.02
1	Air Conditioner - Window 6,000 BTU	750	0.75	8.00	180.00	\$0.09849	\$17.73
1	Air purifier	50	0.05	12.00	18.00	\$0.09849	\$1.77
1	Answering machine	10	0.01	24.00	7.20	\$0.09849	\$0.71
1	Attic Fan	500	0.50	2.00	30.00	\$0.09849	\$2.95
1	Baseboard Heater 1,000 Watts	1,000	1.00	8.00	240.00	\$0.09849	\$23.64
1	Baseboard Heater 1,500 Watts	1,500	1.50	8.00	360.00	\$0.09849	\$35.46
1	Baseboard Heater 2,000 Watts	2,000	2.00	8.00	480.00	\$0.09849	\$47.28
1	Baseboard Heater 500 Watts	500	0.50	8.00	120.00	\$0.09849	\$11.82
1	Baseboard Heater 750 Watts	750	0.75	8.00	180.00	\$0.09849	\$17.73
1	BBQ grill (electric)	1,350	1.35	0.50	20.25	\$0.09849	\$1.99
1	Belt sander	300	0.30	0.30	2.70	\$0.09849	\$0.27
1	Bench grinder	600	0.60	0.30	5.40	\$0.09849	\$0.53
1	Blender	150	0.15	0.50	2.25	\$0.09849	\$0.22
1	Blower on furnace	600	0.60	4.00	72.00	\$0.09849	\$7.09
1	Bug Zapper	100	0.10	24.00	72.00	\$0.09849	\$7.09
1	Cable converter box	35	0.04	24.00	25.20	\$0.09849	\$2.48

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1	Can Opener	175	0.18	0.25	1.31	\$0.09849	\$0.13
1	Ceiling fan – high setting	100	0.10	6.00	18.00	\$0.09849	\$1.77
1	Ceiling fan – low setting	10	0.01	6.00	1.80	\$0.09849	\$0.18
1	Ceiling fan w/3-60w bulbs	230	0.23	6.00	41.40	\$0.09849	\$4.08
1	Chandelier 5 - 40-watt bulbs	200	0.20	2.00	12.00	\$0.09849	\$1.18
1	Christmas lights - 100 large	70	0.07	5.00	10.50	\$0.09849	\$1.03
1	Christmas lights - 100 small	50	0.05	5.00	7.50	\$0.09849	\$0.74
1	Circular saw	1,000	1.00	0.30	9.00	\$0.09849	\$0.89
1	Clock	4	0.00	24.00	2.88	\$0.09849	\$0.28
1	Clothes dryer - electric	4,350	4.35	0.50	65.25	\$0.09849	\$6.43
1	Clothes washer w/ Hot Water	600	0.60	0.50	9.00	\$0.09849	\$0.89
1	Clothes washer wo/ Hot Water	500	0.50	0.25	3.75	\$0.09849	\$0.37
1	Coffee maker (drip)	850	0.85	0.25	6.38	\$0.09849	\$0.63
1	Computer, color monitor	85	0.09	2.00	5.10	\$0.09849	\$0.50
1	Corn popper	175	0.18	0.25	1.31	\$0.09849	\$0.13
1	Corn popper (hot air)	175	0.18	0.25	1.31	\$0.09849	\$0.13
1	Crock pot	200	0.20	1.00	6.00	\$0.09849	\$0.59
1	Deep fryer	400	0.40	0.25	3.00	\$0.09849	\$0.30
1	Dehumidifier	300	0.30	24.00	216.00	\$0.09849	\$21.27
1	Dishwasher	1,190	1.19	1.00	35.70	\$0.09849	\$3.52
1	Disposal	400	0.40	0.25	3.00	\$0.09849	\$0.30
1	Drill	300	0.30	0.10	0.90	\$0.09849	\$0.09
1	Electric blanket	200	0.20	8.00	48.00	\$0.09849	\$4.73
1	Electric Fence	10	0.01	24.00	7.20	\$0.09849	\$0.71
1	Electric Furnace 10,250 Watts	10,250	10.25	8.00	2,460.00	\$0.09849	\$242.29
1	Electric Furnace 15,350 Watts	15,350	15.35	8.00	3,684.00	\$0.09849	\$362.84
1	Electric Furnace 20,490 Watts	20,490	20.49	8.00	4,917.60	\$0.09849	\$484.33
1	Electric Furnace 25,670 Watts	25,670	25.67	8.00	6,160.80	\$0.09849	\$606.78
1	Electrostatic Air Cleaner on Furnace	50	0.05	24.00	36.00	\$0.09849	\$3.55
1	Exercise Treadmill-2 h.p.	2,000	2.00	0.50	30.00	\$0.09849	\$2.95
1	Exercise Treadmill-3 h.p.	3,000	3.00	0.50	45.00	\$0.09849	\$4.43
1	Fan	60	0.06	5.00	9.00	\$0.09849	\$0.89

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# of Units	Appliance	Watts	KW	Use in hrs/day	Monthly kwhrs	cost/kwhr	Monthly Cost
1	Fax machine	672	0.67	1.00	20.16	\$0.09849	\$1.99
1	Fish tank (10 gallon)	80	0.08	24.00	57.60	\$0.09849	\$5.67
1	Fish Tank (50 gallon)	230	0.23	24.00	165.60	\$0.09849	\$16.31
1	Food processor	175	0.18	0.25	1.31	\$0.09849	\$0.13
1	Freezer, frost free 15 cu. Ft.	440	0.44	14.00	184.80	\$0.09849	\$18.20
1	Freezer, standard 15 cu. Ft.	350	0.35	14.00	147.00	\$0.09849	\$14.48
1	Frying pan	1,200	1.20	0.50	18.00	\$0.09849	\$1.77
1	Garage door opener	250	0.25	0.04	0.30	\$0.09849	\$0.03
1	Hair dryer	1,250	1.25	0.10	3.75	\$0.09849	\$0.37
1	Hair dryer	1,500	1.50	0.25	11.25	\$0.09849	\$1.11
1	Heat Pump - Cooling 2 ton	860	0.86	12.00	309.60	\$0.09849	\$30.49
1	Heat Pump - Cooling 3 ton	1,280	1.28	12.00	460.80	\$0.09849	\$45.38
1	Heat Pump - Cooling 4 ton	1,700	1.70	12.00	612.00	\$0.09849	\$60.28
1	Heat Pump - Heating 1,500 sq ft	4,580	4.58	12.00	1,648.80	\$0.09849	\$162.39
1	Heat Pump - Heating 2,000 sq ft	6,120	6.12	12.00	2,203.20	\$0.09849	\$216.99
1	Heat Pump - Heating 2,500 sq ft	7,640	7.64	12.00	2,750.40	\$0.09849	\$270.89
1	Heat Pump - Heating 3,000 sq ft	9,180	9.18	12.00	3,304.80	\$0.09849	\$325.49
1	Heat Recovery Air Exchanger	125	0.13	18.00	67.50	\$0.09849	\$6.65
1	Heating cable (roof) -60 ft	500	0.50	1.00	15.00	\$0.09849	\$1.48
1	Heating cable (water) -24 ft	200	0.20	24.00	144.00	\$0.09849	\$14.18
1	Heating pad	65	0.07	0.50	0.98	\$0.09849	\$0.10
1	Hedge Trimmer	125	0.13	0.10	0.38	\$0.09849	\$0.04
1	Home copy machine	1,500	1.50	1.00	45.00	\$0.09849	\$4.43
1	Home theater receiver	100	0.10	6.00	18.00	\$0.09849	\$1.77
1	Hot tub	5,000	5.00	1.00	150.00	\$0.09849	\$14.77
1	Hot tub-indoor 4 person	1,500	1.50	24.00	1,080.00	\$0.09849	\$106.37
1	Hot tub-outdoor 4 person	1,500	1.50	24.00	1,080.00	\$0.09849	\$106.37
1	Humidifier	80	0.08	8.00	19.20	\$0.09849	\$1.89
1	Humidifier-cool mist	200	0.20	6.00	36.00	\$0.09849	\$3.55
1	Humidifier-warm mist	384	0.38	6.00	69.12	\$0.09849	\$6.81
1	Iron	1,100	1.10	0.50	16.50	\$0.09849	\$1.63
1	Laser printer-idle	95	0.10	1.50	4.28	\$0.09849	\$0.42

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# of Units	Appliance	Watts	KW	Use in hrs/day	Monthly kwhrs	cost/kwhr	Monthly Cost
1	Laser printer-printing	500	0.50	0.30	4.50	\$0.09849	\$0.44
1	Lawn mower (electric)	1,500	1.50	0.50	22.50	\$0.09849	\$2.22
1	Light - 100 watt bulb	100	0.10	10.00	30.00	\$0.09849	\$2.95
1	Light - 150 watt flood lamp	150	0.15	8.00	36.00	\$0.09849	\$3.55
1	Light - 200 watt bulb	200	0.20	10.00	60.00	\$0.09849	\$5.91
1	Light - 40 watt bulb	40	0.04	10.00	12.00	\$0.09849	\$1.18
1	Light - 60 watt bulb	60	0.06	10.00	18.00	\$0.09849	\$1.77
1	Light - 60 watt pole light	60	0.06	8.00	14.40	\$0.09849	\$1.42
1	Light - 75 watt bulb	75	0.08	10.00	22.50	\$0.09849	\$2.22
1	Light - Compact Fluorescent 10 watt	10	0.01	8.00	2.40	\$0.09849	\$0.24
1	Light - Compact Fluorescent 15 watt	15	0.02	8.00	3.60	\$0.09849	\$0.35
1	Light - Compact Fluorescent 18 watt	18	0.02	8.00	4.32	\$0.09849	\$0.43
1	Light - Compact Fluorescent 24 watt	23	0.02	8.00	5.52	\$0.09849	\$0.54
1	Light - Compact Fluorescent 50 watt	50	0.05	8.00	12.00	\$0.09849	\$1.18
1	Light - Fluorescent-2 bulb	100	0.10	8.00	24.00	\$0.09849	\$2.36
1	Light - Fluorescent-40 watt	40	0.04	10.00	12.00	\$0.09849	\$1.18
1	Light - Fluorescent-75 watt	75	0.08	10.00	22.50	\$0.09849	\$2.22
1	Light - Halogen - 90 watt	90	0.09	8.00	21.60	\$0.09849	\$2.13
1	Light - High Pressure Sodium - 150 watt	215	0.22	8.00	51.60	\$0.09849	\$5.08
1	Light - Mercury vapor - 175 watt	175	0.18	8.00	42.00	\$0.09849	\$4.14
1	Light - Mercury vapor - 205 watt	205	0.21	8.00	49.20	\$0.09849	\$4.85
1	Microwave oven	1,450	1.45	0.40	17.40	\$0.09849	\$1.71
1	Mixer (stand or hand)	110	0.11	0.40	1.32	\$0.09849	\$0.13
1	Motor - 1 hp	1,000	1.00	1.00	30.00	\$0.09849	\$2.95
1	Nebulizer	1,035	1.04	1.50	46.58	\$0.09849	\$4.59
1	Oil furnace burner	260	0.26	3.00	23.40	\$0.09849	\$2.30
1	Oven - convection	2,200	2.20	0.40	26.40	\$0.09849	\$2.60
1	Oven - standard	2,000	2.00	0.67	40.20	\$0.09849	\$3.96
1	Oxygen Concentrator	460	0.46	24.00	331.20	\$0.09849	\$32.62
1	Pool filter motor 1 h.p.	1,500	1.50	24.00	1,080.00	\$0.09849	\$106.37
1	Pool filter motor 1.5 h.p.	2,100	2.10	24.00	1,512.00	\$0.09849	\$148.92
1	Pool filter motor 1/2 h.p.	900	0.90	24.00	648.00	\$0.09849	\$63.82

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1	Pool filter motor 3/4 h.p.	1,200	1.20	24.00	864.00	\$0.09849	\$85.10
1	Portable space heater	1,500	1.50	2.00	90.00	\$0.09849	\$8.86
1	Power saw	275	0.28	0.50	4.13	\$0.09849	\$0.41
1	Radio	20	0.02	7.00	4.20	\$0.09849	\$0.41
1	Radio-stereo	40	0.04	5.00	6.00	\$0.09849	\$0.59
1	Range	12,000	12.00	0.40	144.00	\$0.09849	\$14.18
1	Range-large burner	2,400	2.40	0.50	36.00	\$0.09849	\$3.55
1	Refrigerator side by side	900	0.90	6.00	162.00	\$0.09849	\$15.96
1	Refrigerator, 4.4 cu. Ft (dorm size)	75	0.08	12.00	27.00	\$0.09849	\$2.66
1	Refrigerator, frost-free 16'	475	0.48	13.00	185.25	\$0.09849	\$18.25
1	Refrigerator, frost-free 20'	540	0.54	15.00	243.00	\$0.09849	\$23.93
1	Refrigerator, standard	265	0.27	14.00	111.30	\$0.09849	\$10.96
1	Roaster	1,450	1.45	0.50	21.75	\$0.09849	\$2.14
1	Saber saw	400	0.40	0.30	3.60	\$0.09849	\$0.35
1	Scanner	30	0.03	1.00	0.90	\$0.09849	\$0.09
1	Septic pump	1,000	1.00	1.30	39.00	\$0.09849	\$3.84
1	Sewing machine	75	0.08	0.30	0.68	\$0.09849	\$0.07
1	Shaver	15	0.02	0.10	0.05	\$0.09849	\$0.00
1	Soldering gun	600	0.60	0.30	5.40	\$0.09849	\$0.53
1	Sun lamp	280	0.28	0.03	0.25	\$0.09849	\$0.02
1	Table saw	3,000	3.00	0.30	27.00	\$0.09849	\$2.66
1	Telephone - cordless	5	0.01	24.00	3.60	\$0.09849	\$0.35
1	Toaster	1,100	1.10	0.10	3.30	\$0.09849	\$0.33
1	Toaster oven/broiler	1,500	1.50	0.25	11.25	\$0.09849	\$1.11
1	Toaster oven/broiler - convection	1,500	1.50	0.25	11.25	\$0.09849	\$1.11
1	Toothbrush	10	0.01	0.03	0.01	\$0.09849	\$0.00
1	Trash compactor	600	0.60	0.15	2.70	\$0.09849	\$0.27
1	TV - 13" color	60	0.06	4.00	7.20	\$0.09849	\$0.71
1	TV - 19" color	100	0.10	4.00	12.00	\$0.09849	\$1.18
1	TV - 25" color	123	0.12	4.00	14.76	\$0.09849	\$1.45
1	TV - 27" color	125	0.13	4.00	15.00	\$0.09849	\$1.48
1	TV - 32" color	130	0.13	4.00	15.60	\$0.09849	\$1.54

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1	TV - 36" color	133	0.13	4.00	15.96	\$0.09849	\$1.57
1	TV - 43" color	200	0.20	4.00	24.00	\$0.09849	\$2.36
1	TV - 55" color	220	0.22	4.00	26.40	\$0.09849	\$2.60
1	TV - 60" color	240	0.24	4.00	28.80	\$0.09849	\$2.84
1	Vacuum sweeper	700	0.70	0.10	2.10	\$0.09849	\$0.21
1	Waffle iron	1,100	1.10	0.03	0.99	\$0.09849	\$0.10
1	Wall heater	1,000	1.00	8.00	240.00	\$0.09849	\$23.64
1	Water bed - Double 100°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - Double 80°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - Double 90°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - King 100°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - King 80°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - King 90°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - Queen 100°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - Queen 80°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water bed - Queen 90°	300	0.30	12.00	108.00	\$0.09849	\$10.64
1	Water cooler w/hot water	600	0.60	24.00	432.00	\$0.09849	\$42.55
1	Water heater - 1 person	4,500	4.50	3.00	405.00	\$0.09849	\$39.89
1	Water heater - 2 people	4,500	4.50	3.00	405.00	\$0.09849	\$39.89
1	Water heater - 3 people	4,500	4.50	4.00	540.00	\$0.09849	\$53.18
1	Water heater - 4 people	4,500	4.50	4.00	540.00	\$0.09849	\$53.18
1	Well pump	1,000	1.00	1.50	45.00	\$0.09849	\$4.43
1	Whirlpool tub	1,800	1.80	1.00	54.00	\$0.09849	\$5.32
1	Window Fan	200	0.20	3.00	18.00	\$0.09849	\$1.77