

2012 Benton PUD Appliance Cost Calculator

	Appliance Usage Hours/Month	Monthly Cost ** Based on \$0.0684 electric rate
Household Appliances		
Aquarium/Terrarium	720	\$3.08
Clock	720	\$0.14
Electric Blanket, king size, 125 W	90	\$0.77
Fan, Portable, 200 W	60	\$0.82
Heater, Portable, 1.5 kW	60	\$6.16
Heating Pad, 75 W	6	\$0.03
Sewing machine	8	\$0.16
Vacuum cleaner, Canister	8	\$0.41
Waterbed heater, 300 W	360	\$7.39
Kitchen Appliances		
Blender	1	\$0.02
Coffeemaker--1 pot day	30	\$0.25
Coffeemaker--1 hour warming	120	\$3.28
Bread machine--1 loaf	1	\$0.06
Bread machine--4 loafs month	4	\$0.25
Dishwasher	30	\$4.92
Dishwasher Energy Star 2007	30	\$1.75
Disposal, 1/2 hp	1	\$0.03
Food processor, 1/2 hp	1	\$0.03
Freezer, manual defrost, 15 cf, 1975 model	360	\$4.60
Freezer, manual defrost, 15 cf, 1995 model	240	\$3.07
Freezer, manual defrost, 15 cf, 2007 model Energy Star	158	\$2.02
Frying pan	10	\$0.68
Microwave	15	\$0.77
Mixer, countertop	2	\$0.03
Mixer, hand	2	\$0.01
Oven	60	\$5.46
Oven, self-cleaning	1	\$0.41
Range. .5 kW	60	\$2.05
Range hood	30	\$0.72
Refrigerator, frost free, 21 cf. 1975	360	\$10.24
Refrigerator, frost free, 21 cf. 1995	144	\$4.10
Refrigerator, frost free, 21 cf. 2007 Energy Star	93	\$2.64
Toaster, 2 slot	1	\$0.07
Toaster oven	2	\$0.19
Bathroom Appliances		
Curling Iron	30	\$0.39
Electric toothbrush	15	\$0.01
Hair dryer, 1.2 kW	5	\$0.41
Hair rollers, 350 W	30	\$0.72
Night light, 4 W continuous	720	\$0.20
Laundry Appliances		
Clothes dryer	30	\$10.26
Clothes washer, hot/warm	30	\$7.72
Clothes washer, hot/warm 2007 Energy Star	30	\$3.75
Iron	6	\$0.41

Outdoor Appliances		
Automobile block heater, 600 W	360	\$14.77
Circular saw, 1 hp	4	\$0.20
Garage door opener, 1/2 hp	2	\$0.05
Grill, electric, 5.9 kW, (20,000 Btu/hr)	2	\$0.80
Hand drill, electric	1	\$0.02
Lawn mower, electric	8	\$0.31
Leaf blower	4	\$0.16
Vacuum, shop	4	\$0.21
Weed eater, electric	8	\$0.20
Weed eater, rechargeable	8	\$0.26
Consumer Electronics		
Battery Charger	30	\$0.02
Computer, desktop, standard	60	\$0.82
Computer, desktop, energy saver	60	\$0.66
Radio	240	\$0.01
Stereo	60	\$0.41
Television DVR	720	\$1.23
Television, 65" Plasma	75	\$1.92
Television, 49" Flat Screen	75	\$0.90
DVD	20	\$0.02
Cell Phone Charger	8	\$0.002
Video game	45	\$0.62
Heating and Cooling Appliances		
A/C window 1 Ton EER=9	120	\$10.67
A/C window 1 Ton EER=10	120	\$9.85
A/C Central 3 Ton EER=16	120	\$18.47
Dehumidifier	120	\$6.40
Electric central heat 17.6 kW	120	\$144.46
Electric wall furnace 8.8 kW	120	\$72.23
Heat pump 2.5 Ton SEER=14	120	\$17.40
Heat pump 2.5 Ton HSPF=9	120	\$28.32
Humidifier	120	\$.29
Swimming Pool heater 88 kW	30	\$180.58
Swimming Pool pump 1/2 hp	360	\$9.18
Spa-Hot Tub, electric 7.5 kW	120	\$61.56
Lighting		
Incandescent, 75 W	240	\$1.23
Compact fluorescent, 18 W	240	\$0.30
Water Heating		
50-gallon, .93 energy factor, quick recovery	100	\$30.78
50-gallon, standard, quick recovery	150	\$46.17
Heat pump water heater, 50 gallons	100	\$13.68
Pumps		
1 Horsepower Pump	1	\$0.05