



KW Demand Info Worksheet

Appliance	Wattage	kW Demand
Air Conditioner - Central	3750	3.75
Air Conditioner - Window	1200	1.2
Blender	300	0.3
Blow Dryer	1250	1.25
Cappuccino Maker	1250	1.25
CD/DVD	35	0.035
Coffee Grinder	100	0.1
Clock Radio	50	0.05
Coffee Maker	1050	1.05
Computer - Tower & Monitor	300	0.3
Computer - Laptop	65	0.065
Computer - Inkjet Printer	65	0.065
Electric Dryer	5400	5.4
Electric Fan	800	0.8
Electric Water Heater	4000	4
Freezer	500	0.5
Furnace Fan 1/2 hp	875	0.875
Garage Door Opener	550	0.55
Game Console (XBOX, etc)	100	0.1
Heat Pump	2500	2.5
Hot Plate	1350	1.35
Light Bulb	40	0.04
Light Fluorescent	20	0.02
Microwave	1000	1
Oven	3410	3.41
Radio	300	0.3
Refrigerator	500	0.5
Satellite Dish	65	0.065
Space Heater	1500	1.5
Sump Pump 1/2 hp	373	0.373
Sump Pump 1/3 hp	248	0.248
Toaster / Oven	1250	1.25
25" Color TV	300	0.3
32" LCD TV	155	0.155
42" LCD TV	210	0.21
47" LCD TV	225	0.225
Vacuum	700	0.7
VCR	50	0.05
Washer Clothes	1150	1.15
Water Heater Electric	4500	4.5
Well Pump 1/2 hp	373	0.373
Well Pump 1/3 hp	248	0.248

Common Tools	Wattage	kW Demand
6 1/2" Circ Saw	1000	1
8 1/4" Circ Saw	1800	1.8
1/4" Drill	250	0.25
1/2" Drill	750	0.75
Band Saw	1200	1.2
Disc Sander	1200	1.2
Jig Saw	300	0.3
Table Saw	1800	1.8
Chop Saw	1550	1.55
Shop Vac	1000	1

To determine your kW Demand, add up the kW for the items that you may be running at the same time.

Wattages shown are estimates. Your appliances may use more or less than shown.

To calculate your wattage off the nameplate, if not shown, use the formula $watts = volts * amps$. Most devices in your home will be 120V, except water heater, furnace, stove, AC, heat pump, and dryer. Those items will be 240V. If you can determine amperage you can calculate watts.

KW Demand is equal to your watts divided by 1000.

Refer to your documentation, or furnace nameplate to calculate kW and kWh values, as there are many variables. Same applies to heat pumps & AC units.