

## Typical Wattage Requirements for Common Appliances

Use the manufacturer's specs if possible, but be careful of nameplate ratings that are the highest possible electrical draw for that appliance. Beware of appliances that have a "standby" mode and are really "on" 24 hours a day. If you can't find a rating, call us for advice 800-919-2400.

DESCRIPTION	WATTS
<b>Refrigeration:</b>	
4-yr.-old 22 cu. ft. auto defrost (approximate run time 7-9 hours per day)	500
New 22 cu. ft. auto defrost (approximate run time 7-8 hours per day)	200
12 cu. ft. Sun Frost refrigerator (approximate run time 6-9 hours per day)	58
4-yr.-old standard freezer (approximate run time 7-8 hours per day)	350
Dishwasher: cool dry	700
hot dry	1450
Trash compactor	1500
Can opener (electric)	100
Microwave (.5 cu. ft.)	900
Microwave (.8 to 1.5 cu. ft.)	1500
Exhaust hood	144
Coffeemaker	1200
Food processor	400
Toaster (2-slice)	1200
Coffee grinder	100
Blender	350
Food dehydrator	600
Mixer	120
Range, small burner	1250
Range, large burner	2100
<b>Water Pumping:</b>	
AC Jet Pump (1/3 hp), 300 gal per hour, 20' well depth, 30 psi	750

DESCRIPTION	WATTS
AC Submersible Pump (1/2 hp), 40' well depth, 30 psi	1000
DC pump for house pressure system (typical use is 1-2 hours per day)	60
DC submersible pump (typical use is 6 hours per day)	50
<b>Shop:</b>	
Worm drive 7 1/4" saw	1800
AC table saw, 10"	1800
AC grinder, 1/2 hp	1080
Hand drill, 3/8"	400
Hand drill, 1/2"	600
<b>Entertainment/Telephones:</b>	
TV (27-inch color)	170
TV (19-inch color)	80
TV (12-inch black & white)	16
Video games (not incl. TV)	20
Satellite system, 12-ft dish/VCR	30
Laser disk/CD player	30
AC powered stereo (avg. volume)	55
AC stereo, home theater	500
DC powered stereo (avg. volume)	15
CB (receiving)	10
Cellular telephone (on standby)	5
Cordless telephone (on standby)	5
Electric piano	30
Guitar amplifier (avg. volume)	40
(Jimi Hendrix volume)	8500
<b>General Household:</b>	
Typical fluorescent light (60W equivalent)	15
Incandescent lights (as indicated on bulb)	
Electric clock	4
Clock radio	5
Electric blanket	400
Iron (electric)	1200

DESCRIPTION	WATTS
Clothes washer (vertical axis)	900
Clothes washer (horizontal axis)	250
Dryer (gas)	500
Dryer (electric)	5750
Vacuum cleaner, average	900
Central vacuum	1500
<b>Furnace fan:</b>	
1/4 hp	600
1/3 hp	700
1/2 hp	875
Garage door opener: 1/4 hp	550
Alarm/security system	6
<b>Air conditioner:</b>	
1 ton or 10,000 BTU/hr	1500
<b>Office/Den:</b>	
Computer	55
17" color monitor	100
17" LCD "flat screen" monitor	45
Laptop computer	25
Ink jet printer	35
Dot matrix printer	200
Laser printer	900
<b>Fax machine: (plain paper)</b>	
standby	5
printing	50
Electric typewriter	200
Adding machine	8
Electric pencil sharpener	60
<b>Hygiene:</b>	
Hair dryer	1500
Waterpik	90
Whirlpool bath	750
Hair curler	750
<b>Electric toothbrush:</b>	
(charging stand)	6