



OFFICES & HOMES ELECTRICAL APPLIANCES WATTAGE SHEET

Appliances	Running Watts	Surge Watts
Ceiling Fan	60 W	70 W
Central AC (10,000 BTU)	1,500 W	4,500 W
Central AC (24,000 BTU)	3,800 W	11,400 W
Central AC (40,000 BTU)	6,000 W	6,700 W
Dehumidifier	240 W	0 W
Electric Heater (Fan)	2,000 W	1,000 W
Electric Thermal Radiator	500 W	0 W
Electric Water Heater	4,000 W	0 W
Electric Water Heater (Immersion)	3,000 W	0 W
Electric Water Heater (Tankless)	6,600 W	2,200 W
Evaporative AC	2,600 W	0 W
Furnace Fan Blower (1/2 HP)	800 W	2,350 W
Furnace Fan Blower (1/3 HP)	700 W	1,400 W
Garage Door Opener (1/2 HP)	875 W	2,350 W
Heat Pump	4,700 W	4,500 W
Humidifier (13 Gal.)	175 W	0 W
Light Bulb (Common)	75 W	0 W
Light Bulb (LED)	9 W	0 W
Night Light	1 W	0 W
Oversink Water Heater (Hand Wash)	3,000 W	0 W
Space Heater	1,800 W	0 W
Sump Pump (1/2 HP)	1,050 W	2,150 W
Sump Pump (1/3 HP)	800 W	1,300 W
Tube Light (1500mm)	22 W	0 W
Well Water Pump (1/2 HP)	1,000 W	2,100 W
Window AC (10,000 BTU)	1,200 W	3,600 W
Window AC (12,000 BTU)	3,250 W	9,750 W
Air Fryer	1,500 W	0 W
Coffee Maker	1,000 W	0 W
Cooker Hood	20 W	10 W
Deep Freezer	500 W	1,500 W

Dishwasher	1,500 W	1,500 W
Electric Can Opener	170 W	0 W
Electric Kettle	1,200 W	3,000 W
Electric Oven	2,150 W	0 W
Electric Stove (8" Element)	2,100 W	0 W
Espresso Coffee Machine	1,300 W	200 W
Food Dehydrator	800 W	0 W
Food Processor/Blender	400 W	0 W
Fryer	1,000 W	0 W
Hot Water Dispenser	1,200 W	100 W
Induction Hob (Per Hob)	1,400 W	400 W
Microwave	1,000 W	0 W
Modern Fridge (2001-2020)	400 W	600 W
Percolator	800 W	300 W
Pressure Cooker	700 W	0 W
Refrigerator / Freezer	700 W	2,200 W
Rice Cooker	200 W	500 W
Sandwich Maker	700 W	300 W
Side-by-Side Fridge	800 W	1,200 W
Slow Cooker	160 W	20 W
Smart Fridge	500 W	750 W
Steriliser	650 W	0 W
Toaster	850 W	0 W
Water Dispenser	100 W	0 W
Water Filter & Cooler	70 W	30 W
Wine Cooler (18 Bottles)	83 W	0 W
Bathroom Towel Heater	60 W	90 W
Clothes Dryer (Electric)	5,400 W	6,750 W
Clothes Dryer (Gas)	700 W	1,800 W
Curling Iron	1,500 W	0 W
Electric Shaver	15 W	20 W
Electric Shaver	15 W	5 W
Extractor Fan	12 W	0 W
Hair Dryer	1,250 W	0 W
Heated Bathroom Mirror	50 W	50 W
Iron	1,200 W	0 W
Power Shower	7,500 W	10,500 W

Steam Iron	2,200 W	300 W
Straightening Iron	75 W	300 W
Vacuum Cleaner	200 W	200 W
Washing Machine	1,150 W	2,250 W
Amazon Echo	3 W	0 W
Amazon Echo Show	2 W	2 W
Apple TV	3 W	3 W
AV Receiver	450 W	0 W
Computer Monitor	25 W	5 W
Desktop Computer	100 W	350 W
Guitar Amplifier	20 W	10 W
Home Internet Router	5 W	15 W
Home Phone	3 W	5 W
Home Sound System	95 W	0 W
Laptop	50 W	0 W
Mi Box	5 W	2 W
Monitor	200 - 250 W	0 W
Nintendo Switch AC Adapter	7 W	33 W
Playstation 4	85 W	5 W
Set Top Box	27 W	3 W
Stereo	450 W	0 W
Television (22" LED)	17 W	0 W
Television (49" LED)	85 W	0 W
Television (82" LED)	230 W	65 W
Television (CRT)	500 W	0 W
VCR / DVD Player	100 W	0 W
Video Game System	40 W	0 W
Xbox One	50 W	60 W
-Way Radio (12A)	360 W	0 W
2-Way Radio (23A)	840 W	0 W
2-Way Radio (35A)	960 W	0 W
Air Purifier	25 W	5 W
Cell Phone Battery Charger	25 W	0 W
Clock Radio	50 - 200 W	0 W
Copy Machine	1,600 W	0 W
DAB Mains Radio	5 W	4 W
Electric Blanket	200 W	0 W

Electric Doorbell Transformer	2 W	0 W
Electric Mower	1,500 W	0 W
Electric Trimmer	300 W	500 W
EV Home Charger	1,600 W	1,800 W
Fan (Pedestal)	50 W	10 W
Fan (Table)	10 W	15 W
Fan (Wall)	45 W	15 W
Fax	60 - 80 W	0 W
Garage Door Opener (1/2 HP)	875 W	2,350 W
Outdoor Light String	250 W	0 W
Paper Shredder	200 W	220 W
Printer (Inkjet)	20 W	10 W
Printer (Laser)	600 W	200 W
Projector	220 W	270 W
Scanner	10 W	18 W
Security System	500 W	0 W
Sewing Machine	70 W	10 W
Tablet Charger	10 W	5 W
Treadmill	280 W	900 W
Water Feature	35 W	0 W