

Power ratings

Support materials

Typical power ratings of gas and electric appliances

Appliances	Typical power rating
Kitchen	
Crockpot (4 litre)	150 W
Deep fryer	1200 W
Frying pan	1200 W
Griller	Horizontal 1200 W Vertical 1800 W
Blender	460 W
Cake mixer	160 W
Dishwasher (2 star rating, 1 hr / cycle)	820 W
Kettle	1580 W
Toaster	680 W
Electric oven (fan-assisted)	1800 W
Gas oven (average size)	15 MJ
Electric benchtop cooking (small hotplate)	1250 W
Gas benchtop cooking	Small stove size 6 MJ Average stove size 8 MJ Large stove size 12 MJ
Microwave oven cooking	650 W
Washing dishes – electric hot water system (10 L / sink / wash)	330 W
Washing dishes – gas hot water system (10 L / sink / wash)	1.89 MJ
Refrigerator (1 door)	250 L (2 star rating) 50 W
Refrigerator (2 door)	410 L (3 star rating) 80 W
Freezer	200 L (2 star rating) 60 W
Lighting (3 x 100 W globes)	300 W
Clock	2 W
Cordless phone (average standby)	30 W

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Appliances	Typical power rating	
Bathroom and laundry		
Washing machine (1 hr / cycle, 150 W machine) – electric hot water system	Cold water (2 star rating)	150 W
	Hot water (2 star rating)	720 W
Washing machine (1 hr / cycle, 150 W machine) – gas hot water system	Hot water (1 or 2 star rating)	3.6 MJ
Clothes dryer (1 hr / cycle, 2 star rating)		4600 W
Hair dryer		1500 W
Iron	Dry	700 W
	Auto	850 W
	Steam	1000 W
Bath – electric hot water system (150 L / bath)		4920 W
Bath – gas hot water system (150 L / bath)		28.35 MJ
Shower – electric hot water system (7 min showers using 15 L / min)		3280 W
Shower – gas hot water system (7 min showers using 15 L / min)		18.90 MJ
Sewing machine		75 W
Lighting (3 x 100 W globes)		300 W
Radio		60 W
Clock		2 W
Garage		
Drill (10 mm)		400 W
Refrigerator (single door, 250 L, 2 star rating)		50 W
Saw (portable, 150 mm)		775 W
Lighting (4 x 100 W globes)		400 W
Radio		60 W
Clock		2 W
Backyard		
Lighting (3 x 100 W globes)		300 W
Gas barbecue (3 burner)		40 MJ
Spa – electric hot water system (240 L / spa)		11600 W
Spa – gas hot water system (240 L / spa)		52.9 MJ
Pool (filter pump)		750 W

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Appliances	Typical power rating
Living room	
Stereo system	Normal Includes compact disk 150 W 720 W
TV	20 W
VCR	40 W
DVD	40 W
Games console	120 W
Electric space heater	750 W
Gas space heater	35 MJ
Vacuum cleaner	1200 W
Electric central heating (ducted, 4 star rating)	2460 W
Gas central heating	50 MJ
Electric strip heater (no thermostat)	750 W
Gas heater	Small wall unit Medium wall unit Large wall unit 13 MJ 23 MJ 37 MJ
Electric airconditioning (evaporative)	300 W
Electric airconditioning (reverse cycle, 2 star rating)	1490 W
Electric airconditioning (wall / window unit, 2 star rating)	600 W
Lighting (5 x 100 W globes)	500 W
Cordless phone (standby mode)	30 W
Mobile phone charger (standby mode)	10 W
Bedroom	
Home computer (PC and monitor)	250 W
Small appliances	60 W
Lighting (2 x 60 W globes)	120 W
Clock	2 W
Portable television (small)	70 W
Portable stereo (small)	20 W
Electric blanket (single bed)	80 W

Note: These figures are a guide only. Power ratings may vary greatly from one appliance to another.