

Understanding your energy use



Knowing the real costs of running your household appliances can help you manage your energy use. The key to managing your energy use is knowing how much electricity the appliances in your home use. This table sets out some of the most common average household appliances and their running costs, so you can add it all up.

REFRIGERATORS	INPUT WATTS	COST/HR	COST/USE	COST/DAY
60-85L Bar Fridge	125			\$0.31
140-220L Single Door (manual defrost)	150			\$0.47
320-440L 2 Door Automatic (cyclic defrost)	300			\$0.94
320-440L 2 Door (frost free)	400			\$1.25
510-610L 2 Door (frost free)	500			\$1.56
Bottle Water Dispenser	120			\$0.37

FREEZERS	INPUT WATTS	COST/HR	COST/USE	COST/DAY
140-220L Chest	160			\$0.40
250-340L Chest	250			\$0.62
220L Upright	160			\$0.50
300L Upright	250			\$0.78

COOKING APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Oven	1800	\$0.28		
Grilling Element	1800	\$0.28		
Hot Plate - Small	1200	\$0.12		
Hot Plate - Large	1500	\$0.16		
Rangehood/Exhaust Fan	60	\$0.02		
Microwave Oven - 800W	1400	\$0.36		
Microwave/Convection - 2400W	2400	\$0.37		
Frypan	1350	\$0.14		
Deep Fryer	2000	\$0.21		
Crock Pot	320	\$0.03		
Toaster - 4 slice	1800		\$0.01	
Toaster - 2 slice	1100		\$0.02	
Breadmaker	550	\$0.06		
Sandwich Maker	1450		\$0.02	

OTHER KITCHEN APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Electric Kettle	2400		\$0.03	
Electric Jug	2400		\$0.03	
Food Blender	300		\$0.004	
Food Processor	600		\$0.01	
Coffee Maker	1070		\$0.03	
Dishwasher - Hot water	800		\$0.21	
Dishwasher - Cold water	2400		\$0.31	
Garbage Disposal	450		\$0.001	

BATHROOM	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Exhaust Fan	75		\$0.01	
Bathroom Light/Heater - 4 lamps	1100		\$0.14	
Spa Bath - Pump	1860	\$0.48		
Spa Bath - Heater	6000	\$1.25		
Heated Towel Rail	200	\$0.02		
Hair Dryer	1200	\$0.25		
Hair Curler	600	\$0.12		
Electric Razor	40	\$0.01		

LAUNDRY	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Twin Tub	350	\$0.09		
Small Top Load Automatic	500	\$0.13		
Large Top Load Automatic	800	\$0.21		
Front Load	600	\$0.16		
Clothes Dryer - 5kg	2400	\$0.50		
Iron	1400	\$0.22		

HOME OFFICE	INPUT WATTS	COST/HR	COST/USE	COST/DAY
PC & Monitor	200	\$0.05		
Laptop Computer	120	\$0.02		
Modem	16			\$0.11
Photocopier	800		\$0.04	
Phone Charger	48	\$0.01		
Laser Printer	800		\$0.04	

GENERAL APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Vacuum Cleaner	1500	\$0.39		
Clock Radio	20	\$0.01		
Aquarium Pump	12			\$0.07
Aquarium Heater	50			\$0.16
Bottled Water Dispenser	120			\$0.37
Sewing Machine	60	\$0.01		

POOL EQUIPMENT	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Pool Filter - Tariff 11	1000	\$0.26		
Pool Filter - Tariff 33	1000	\$0.22		
Salt Chlorinator with Pool Filter	1400	\$0.36		
Outdoor Spa Heating	6000	\$1.09		
Outdoor Spa Pump	1860	\$0.48		
Sauna	4800	\$1.25		

DOMESTIC SEWAGE TREATMENT PLANT	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Average Domestic Plant				\$1.56
BEDROOM APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Water Bed - Queen	80			\$0.42
Electric Blanket	60	\$0.02		
SUMMER AIR CONDITIONER	INPUT WATTS	COST/HR	COST/USE	COST/DAY
1750W (6000 BTU)	660	\$0.12		
2000W (6800 BTU)	810	\$0.15		
2500W (8500 BTU)	1000	\$0.18		
3500W (12000 BTU)	1380	\$0.25		
4300W (14700 BTU)	1540	\$0.28		
5000W (17000 BTU)	2050	\$0.37		
6100W (21000 BTU)	2520	\$0.46		
6880W (23500 BTU)	3070	\$0.56		
15600W (53300 BTU)	6000	\$1.09		
OTHER COOLING APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Evaporative Cooler - Portable	150	\$0.04		
Evaporative Cooler - Ducted House	1500	\$0.39		
Ceiling Fan	75	\$0.02		
Pedestal Fan	60	\$0.02		
REVERSE CYCLE HEATING	INPUT WATTS	COST/HR	COST/USE	COST/DAY
1750W (6000 BTU)	720	\$0.09		
2500W (8500 BTU)	1000	\$0.13		
3800W (13000 BTU)	1320	\$0.17		
4700W (16000 BTU)	1790	\$0.23		
6280W (21500 BTU)	2150	\$0.28		
14300W (48800 BTU)	5500	\$0.72		
OTHER HEATING APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Radiator Heater - 2000W	2000	\$0.52		
Radiator Heater - 2400W	2400	\$0.62		
Portable Fan Heater - 2400W	2400	\$0.62		
Oil Filled Heater - 1200W	1200	\$0.31		
Oil Filled Heater - 2400W	2400	\$0.62		
LIGHTING	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Incandescent Light - 60W	60	\$0.02		
Incandescent Light - 75W	75	\$0.02		
Incandescent Light - 100W	100	\$0.03		
Compact Fluorescent Light - 18W	18	\$0.00		
Fluorescent Light - 36W	36	\$0.01		
Led Light Recessed - 9W	9	\$0.002		
Outdoor Spotlights - 150W	150	\$0.04		
Outdoor Sensor Light	60	\$0.02		
Motion Detector				\$0.00001

ENTERTAINMENT	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Television - Large Colour	211	\$0.05		
Television - Plasma	420	\$0.11		
Television - LCD	235	\$0.06		
Television - LED	110	\$0.03		
Pay TV Receiver Box	130	\$0.03		
Set Top Box - SD/HD	20	\$0.01		
Video Player/Recorder	80	\$0.02		
DVD Player	80	\$0.02		
Xbox 360	187	\$0.05		
PlayStation 3 - Original	210	\$0.05		
PlayStation 3 - Slimline	100	\$0.03		
Nintendo Wii	60	\$0.02		
Stereo - Mini System	60	\$0.02		
Stereo - Modular Unit	120	\$0.03		
MEDICAL EQUIPMENT	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Oxygen Concentrator	325	\$0.08		
CPAP (Sleep Apnoea) Machine	180	\$0.05		
OTHER EQUIPMENT	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Avg. Residential Security System	45			\$0.28
Garage Roller Door	600		\$0.01	
ELECTRIC POWER TOOLS	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Electric Drill	1500	\$0.39		
Welders	3600	\$0.39		
Electric Sander	1500	\$0.94		
GARDEN APPLIANCES	INPUT WATTS	COST/HR	COST/USE	COST/DAY
Electric Lawn Mower	2000	\$0.52		
Electric Whipper Snipper	200	\$0.05		
Electric Blower	200	\$0.05		
Electric Chainsaw	1500	\$0.39		
Pond Pump	30	\$0.01		
Pump/Bore	746	\$0.19		
Pressure Pump	375	\$0.10		

Approximate costs calculated using Tariff 11 pricing as at 1 July 2019. Excludes supply charges and meter services charges. For more information on your tariffs and meter charges go to ergon.com.au/residentialtariffs and ergon.com.au/metercharges.