



## How much are your appliances costing you?

- Typical Values -

	Typical			Cost		
	Average	cents	kg CO2	Watts	per hour	per hour
<b>Cooling</b>						
Window/wall air-conditioner 0.75hp	600	11.8	0.47			
Window/wall air-conditioner 1.5hp	1050	20.7	0.83			
Window/wall air-conditioner 2.5hp	2100	41.4	1.66			
Inverter Air Conditioner 0.75hp	420	8.3	0.33			
Inverter Air Conditioner 1.5hp	735	14.5	0.58			
Inverter Air Conditioner 2.5hp	1470	29.0	1.16			
Ceiling Fan - mid speed range	70	1.4	0.06			
Ceiling Fan - high	80	1.6	0.06			
Pedestal Fan <sup>2</sup>	40	7.9	0.03			
<b>Hot Water Heating</b>						
Electric Storage <sup>3</sup> - 50litre, 3.6kW		<b>per year</b>				
switched on all day	440	\$760	38,552			
switched on for 1 hour per day	3600	\$207	1,038			
<b>Refrigerator &amp; Freezer</b>						
Post 2005 Refrigerator (1 door manual) <sup>T</sup>	80	1.6	0.06			
Post 2005 Refrigerator (2 door auto defrost) <sup>T</sup>	104	2.0	0.08			
Post 2005 Refrigerator (2 door manual defros)	95	1.9	0.08			
Post 2005 Side-by-side fridge/freezer	117	2.3	0.09			
Post 2005 Chest Freezer <sup>T</sup>	80	1.6	0.06			
Refrigerator ("Beer frig") <sup>T</sup> - old	220	4.3	0.17			
<b>Cooking</b>						
Electric Stove (small element) - 1.25kW <sup>s</sup>	700	13.8	0.55			
Electric Stove (large element) - 1.8kW <sup>s</sup>	1200	23.7	0.95			
Electric Stove (grill) - 1.8kW	1800	35.5	1.42			
Electric Stove (oven) <sup>T</sup>	1100	21.7	0.87			
Microwave - high	1600	31.5	1.26			
Electric Kettle	2400	47.3	1.90			
Toaster	1500	29.6	1.19			
<b>Consumption per load</b>						
	<b>kWh</b>					
Dishwasher - Normal Cycle	1.35	26.6	1.07			
Dishwasher - "Econo" Cycle	0.60	11.8	0.47			
Washing Machine	0.50	9.9	0.40			
<b>Bad Habits</b>						
	<b>Typical</b>	<b>Cost</b>	<b>kg CO2</b>			
	<b>Watts</b>	<b>per year</b>	<b>per year</b>			
Plasma/LCD plus extras 8 hours per day	400	\$230	923			
TV, VCR, Stereo, DVD & Cable on standby	34	\$59	235			
Computer & printer left on	150	\$259	1,038			
"Beer Fridge"	220	\$380	1,522			
Ceiling Fan - mid speed on continuously	70	\$121	484			
Ceiling Fan - high speed on continuously	80	\$138	554			
<b>Lighting</b>						
Compact Fluorescent - CFL	11	0.2	0.01			
18 watt fluorescent fitting	24	0.5	0.02			
36 watt fluorescent fitting	43	0.8	0.03			
40 watt incandescent globe	40	0.8	0.03			
60 watt incandescent globe	60	1.2	0.05			
75 watt incandescent globe	75	1.5	0.06			
100 watt Para flood	100	2.0	0.08			
50 watt halogen downlight	50	1.0	0.04			
50 watt halogen+transformer	62	1.2	0.05			
7 watt LED downlight	7	0.1	0.01			
<b>Computing</b>						
laptop	924	18.2	0.73			
Computer - operating	90	1.8	0.07			
Computer - monitor off	110	2.2	0.09			
Printer	60	1.2	0.05			
	40	0.8	0.03			
<b>Entertainment</b>						
	<b>min</b>	<b>max</b>	<b>per hour</b>	<b>per hour</b>		
Television - LCD 55cm	50	170	1-3	0-0.1		
Television - LCD 100cm	281	924	6-18	0.2-0.7		
Television - LCD 150cm	340	1278	7-25	0.3-1		
Television - Plasma 127cm	400	1290	8-25	0.3-1		
Television LED - 55cm colour	92	134	2-3	0.1-0.1		
Television LED - 100cm colour	282	710	6-14	0.2-0.6		
Stereo	50	1.0	0.04			
VCR	20	0.4	0.02			
DVD Player	20	0.4	0.02			
Cable TV control box	15	0.3	0.01			
<b>Other</b>						
Clothes Drier	2500	49.3	1.98			
Swimming Pool Pump	1100	21.7	0.87			
Mobile phone charger - charging	5	0.1	0.00			
<b>Stand-by</b>						
	<b>Watts</b>	<b>Cost</b>	<b>kg CO2</b>			
		<b>per year</b>	<b>per year</b>			
Computer	4	\$7	28			
Computer speakers	3	\$5	21			
Monitor	3	\$5	21			
Printer	3	\$5	21			
Scanner	5	\$9	35			
Split system air conditioner	3	\$5	21			
Microwave	5	\$9-26	35-104			
Television - colour	3	\$5	21			
Stereo	4	\$7	28			
VCR	5	\$9	35			
DVD player	5	\$9	35			
Cable TV controller	6	\$10	42			
Answering machine	14	\$24	97			
Mobile phone charger	2	\$3	14			
	1	\$2	7			

Pedestal Fan<sup>2</sup> :based on fan set at mid range speed

Electric Storage<sup>3</sup> - based on 200 litres daily usage (subject to usage times)

T : Thermostatically controlled, duty cycle included

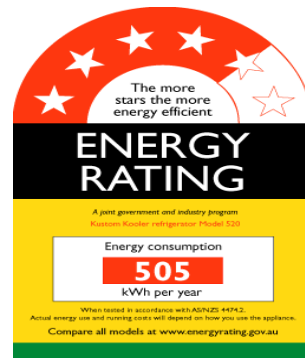
W<sup>s</sup> : based on mid range operation

Based on 19.71 c/kWh tariff and 0.79 kg CO2/kWh

Watts can vary per model, so always try to find the Wattage (W) on the appliance.

OR

Use the ENERGY RATING sticker



This is the important number to look for. This will be the approximate running cost over five years (\$505 a year).