



Typical Daily Energy Consumption of Appliances (115 VAC Loads) (1 of 2)

AC Loads	Power Rating (watts)
Refrigerator	
refrigerator: 450 litres standard	400
refrigerator: 450 litres hi efficiency	175
refrigerator: 113 litres standard	200
refrigerator: 113 litres high efficiency	95
Freezer:	
freezer: 540 litres standard	57
freezer: 540 litres high efficiency	50
freezer: 113 litres standard	30
freezer: 113 litres high efficiency	15
Other Appliances:	
dishwasher, excluding hot water	1300
clothes dryer	4000
stove	
clothes washer: excel. Hot water	
clothes washer: wringer	300
clothes washer: automatic	500
coffee maker	900
oven, microwave	1000
toaster	1100
vacuum cleaner, portable	800
clock	2
hair dryer	1000
iron	1200
fan, portable	120
computer & communications:	
computer(s):	
computer: desk top	200
computer: laptop	15
computer: printer	20
computer: monitor	90
communications:	
radiotelephone: idle	12
radiotelephone: transmitting	100
telephone, portable	3
telephone, answering machine	6

Note: The power rating are only a guideline and may not represent actual values discovered on loads during the analysis.

Source: Natural Resources Canada "Stand-Alone Wind Energy Systems - A Buyer's Guide". 2002-06-26



Typical Daily Energy Consumption of Appliances (115 VAC Loads) (2 of 2)

AC Loads	Power Rating (watts)
entertainment:	
radio, transistor	5
single side band radio (idle)	4
stereo, portable	30
television:	
television: 14" b&w	40
television: 14" colour	90
television: 24" colour	170
audio/visual:	
audio/visual: receiver	30
audio/visual: CD player	30
audio/visual: DVD	30
audio/visual: tape deck	30
audio/visual: VCR	30
environmentals:	
furnace fan	350
baseboard heating	1500
electric heat furnace	3000
hot water tank	1500
air exchanger	
lighting:	
60 watt incandescent bulb	60
100 watt incandescent bulb	100
24 watt compact fluoroescnt	24
fluorescent 15 cm single ended	9
spotlights	
other loads:	
block heater	500
drill	300
saw, circular	400-1000
water pump	400
combined phantom loads	21
combined phantom loads (cottage)	12

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