

P4400 KILL A WATT™

Operation Manual

How to use the Kill-A-Watt meter:

- Plug the meter into an electrical outlet
- Plug device (computer, ipod, hair dryer) into meter
- Manage the energy you measure (reduce, power down, or upgrade to energy efficient appliances)

Definitions:

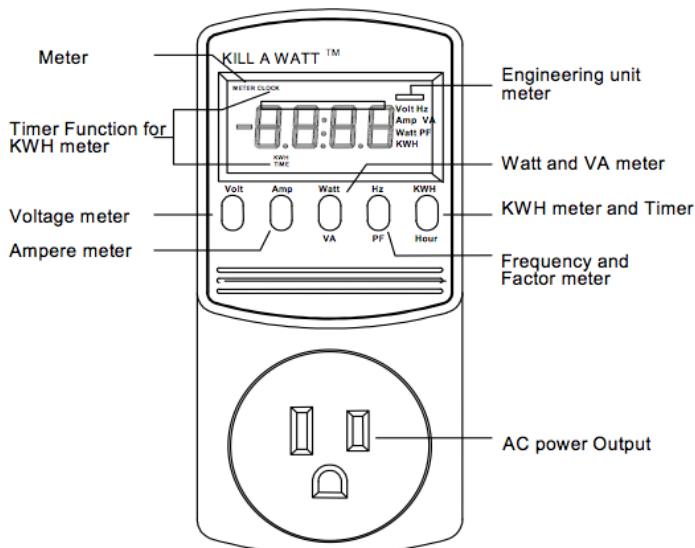
kilo watt hour (kwh) = electricity consumed

watt = electricity demand or rate at which electricity is consumed

cost = number of kwh x cost per kwh (see your hydro bill for current utility rate)

- The LCD shows all meter readings: Volts, Current, Watts, Frequency, Power Factor, and VA. The unit will start to accumulate KWH and powered duration time (hour) after power is applied.
- Press Volt Key for true RMS Voltage (Volts) display.
- Press Amp Key for true RMS output current (Amps) display.
- The Watt/VA Key is a toggle function key. Press the Watt/VA key once to display Watt meter, then press key to display VA meter. The LCD will display Watts as the active power, where VA is the apparent Power. ($VA = V_{rms} Arms$)
- The HZ/PF is a toggle function key. Press the HZ/PF key once to display the frequency (Hertz), then press key to display the Power Factor. HZ is the frequency of output Voltage, where PF is the Power Factor ($PF = W/V_{rms} Arms$).
- The KWH/Hour is a toggle function key. Press the KWH/Hour key once to show the cumulative energy consumption since power was applied to the unit. Then press key to display the cumulative time since power was applied to the unit.
- Consumption will be displayed in Kilowatt-Hours (from 0.01 KWH to 9999 KWH). Time will initially be displayed as Hours:Minutes (from 00:00) and switch to Hours (to 9999). Counters will recycle to zero when they reach their maximum. To reset, remove power from unit momentarily.

WARNING: Do not exceed maximum ratings as detailed on label.



The Kill-A-Watt meter is a registered patent of P3 International.

If you experience difficulty in the operation of your unit, please contact:

Orion Henderson, Associate Director Energy & Climate
orion.henderson@ubc.ca | 604 822 9309

Additional information on UBC's energy programs can be found online at: sustain.ubc.ca/energy.html

If this device is damaged there will be a \$60.00 replacement fee. If the device is lost or stolen the fee will be \$73.00 for the replacement of the device and the carrying case.



These meters have been made available for use through a collaboration of The UBC Sustainability Office and The UBC Library. For more information on the Sustainability Office please visit: sustain.ubc.ca for the Library go to: library.ubc.ca