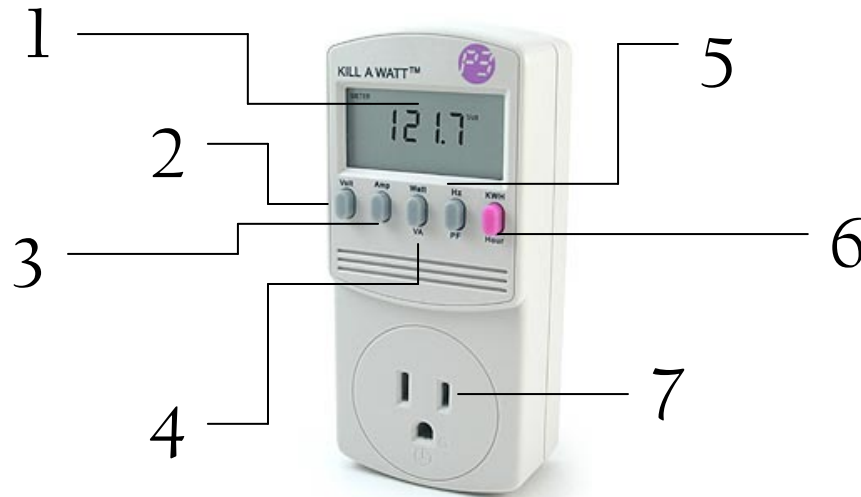


# Kill A Watt™ user guide



1. **LCD Display:** 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.
2. **Volt Key:** Press the Volt key for true RMS Voltage (Volts) display.
3. **Amp Key:** Press the Amp key for true RMS output current (Amps) display.
4. **Watt/VA Key:** The Watt/VA key is a toggle function key. Press the key once to display the Watt meter, press it again to display the VA meter. The LCD will display Watts as the active power, where VA is the apparent power (or  $VA = V_{rms} Arms$ ).
5. **The HZ /PF Key:** The HZ/PF is a toggle function key. Press the HZ/PF key once to display the frequency (Hertz), then again to display the Power Factor. HZ is the frequency of output Voltage, where PF is the Power Factor ( $PF = W/V_{rms} Arms$ ).
6. **The KWH/Hour Key:** 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. Press the key again to display the cumulative time since power was applied to the unit.  

Consumption will be displayed in kilowatt hours (from .011 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 the unit momentarily.
7. **AC Power Output:** Plug the device in which you would like to measure its electric consumption here. Maximum load is 120 V. Do NOT use in a plug that is not grounded.

Use at your own risk: City of Logan is not liable for any damages resulting from use of the Kill A Watt™.