FOR DEVICES WITH CONSTANT POWER DEMAND

(lamps, computers, computer accessories, TVs, TV accessories, gaming stations, space heaters without thermostats, heat tape on pipes and gutters, holiday lights, chargers, fans, etc.)

1. Plug the meter into an outlet.

2. Plug your device into the meter and turn on device.

3. Press the **"Watt / VA"** button until the word **"Watt"** appears and record the wattage displayed.

4. Use the following formula to calculate the annual cost to run this device:

$$\text{WATTS} \times \underset{\text{HRS/DAY}}{24} \times \underset{\text{DAYS/YEAR}}{365} \div \underset{\text{WATTS/kW}}{1{,}000} \times \underset{\text{kWH}}{\$0.21^*} = \underset{\$/\text{YEAR}}{}$$

KILL A WATT™

METER CLOCK

Volt Hz
Amp VA
Watt PF
KWH

KWH
TIME

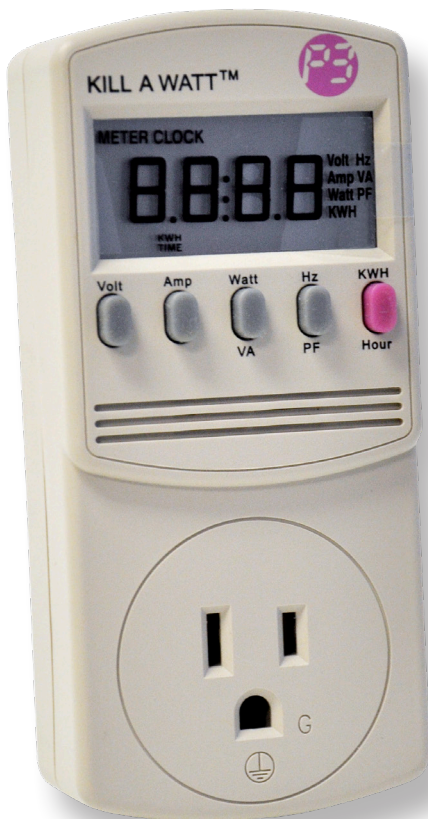Volt   Amp   Watt   Hz   KWH
            VA   PF   Hour

G

FOR DEVICES THAT CYCLE

(refrigerators, freezers, humidifiers, dehumidifiers, air conditioners, fish tank heaters, space heaters with thermostats, clothes washers, sump pumps, etc.)

1. Plug the meter into an outlet.

2. Plug your device into the meter and turn it on if it isn't already running.

3. Keep the device plugged into the meter long enough for it to cycle on and off multiple times (e.g., a day for a fridge or dehumidifier — the longer the time period, the more accurate the result).

4. Press the **"KWH / Hour"** button until the **"kWh"** icon shows and note the KWH number.

5. Press the **"KWH / Hour"** button again until **"clock"** is displayed and record this number. This is the time monitored in hours and minutes (HH:MM).

6. Convert the time to decimal hours (e.g. 2 hours and 30 minutes = 2.5 hours).

7. Calculate annual cost using this formula:

$$\underset{\text{KWH}}{} \div \underset{\text{HRS TESTED}}{} \times \underset{\text{HRS/DAY}}{24} \times \underset{\text{DAYS/YEAR}}{365} \times \underset{\text{kWH}}{\$0.21^*} = \underset{\$/\text{YEAR}}{}$$

TIP:

You may want to use an extension cord to make it easier to see the meter.

TIP:

Try testing devices both when they're turned on and when they're turned off. This will show you which have a "phantom load" that consume power even when they're turned off. (Note: It costs $2/yr for every continuous watt so a TV with a 48-watt phantom load costs $96/yr – even if it's never turned on.)

For tips on saving energy, visit **efficiencymaine.com**.

* These calculations assume $.21/kWh. Local/regional electricity prices may vary.