Kill a Watt

Construction and Energy Summit
Kill A Watt Meter
1875 Watt Hair Dryer
Voltage, no load
Volt Drop

Voltage no load,

Unit Turned On
Amp

Amps on Slow Speed: 3.23 Amp

Amps on High Speed: 13.33 Amp
Watt

Watts on Low

Watts on High
Hertz (Important to Industrial Companies)
KWH (Electricity used over Time)
KWH = cost

Step 1. Convert watts to kilowatts
   Watts ÷ 1000 = KW
   Example 1875 watts ÷ 1,000 = 1.875 KW

Step 2. Kilowatts times the number of hours in operation (KWh)
   KW x time
   1.875 x 2 hours = 3.75KWh

Step 3. Kilowatt hours times price per kilowatt hour
   KWh x $.08
   3.75 x $.08 = $.30
Using the Meter for Cost

Leave the meter plugged in for a day or week, then just read the number in the KWH window and multiply it by $.08

Best for calculating cost for appliances like:
- Refrigerator
- Freezer
- Microwave oven
- Clothes washer
- Television
What do you think???