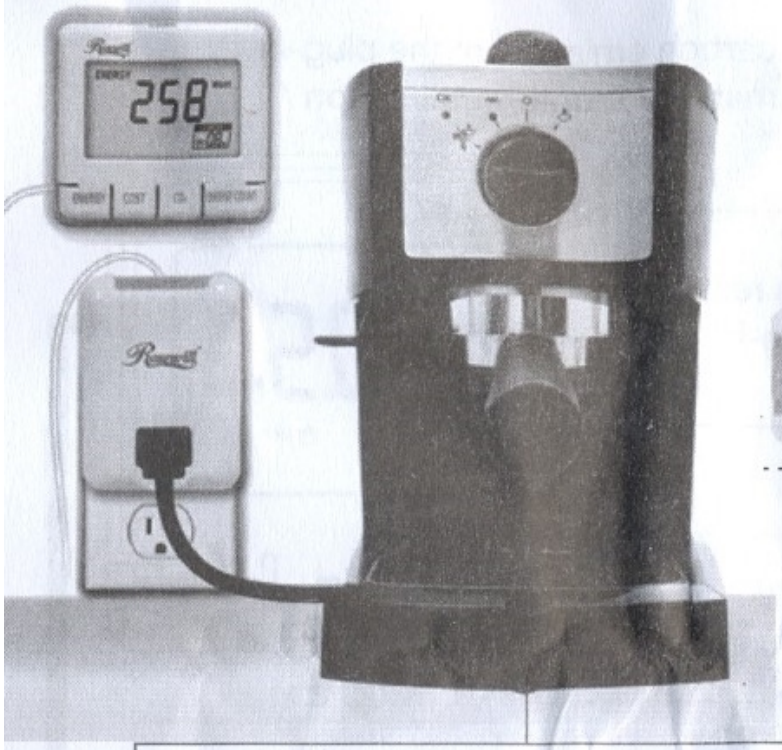
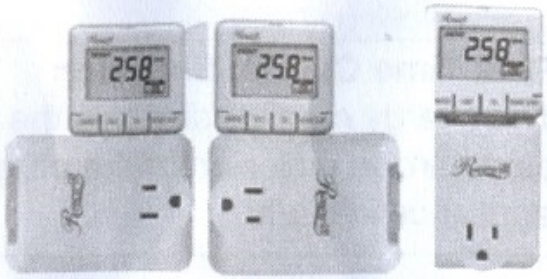
Rosewill®





Attach on top or side of
the wall tap for viewing

Application

Electricity Load Meter and Energy Monitor

Compteur électrique de charge et la moniteur de l'énergie

RHSP-13001

User manual

INTRODUCTION

Thank you for purchasing the Rosewill RHSP-13001 Electricity Load Meter and Energy Monitor, an innovative product which is designed to allow you to monitor and manage home electricity usage to efficiently reduce your home electricity bill.

In an effort to reduce your electricity bills, why not first check out what appliance uses the most energy in your home?

With the Rosewill RHSP-13001 Electricity Load Meter and Energy Monitor, you can monitor how much electricity a device is using to have a greater awareness.

Fully educated with the critical energy information, you are naturally motivated to adopt new energy saving habits and reduce harmful carbon emissions to our environment.

Besides energy conservation, the Rosewill Electricity Load Meter and Energy Monitor socket is also equipped with Surge protection and this ensures your home appliances are protected against surges and voltage spikes.

The Rosewill Electricity Load Meter and Energy Monitor is the total solution for green inspiration, energy conservation, and surge protection for your everyday life.

INSTALLATION

Installing the Electricity Load Meter and Energy Monitor

The single outlet electricity load meter and energy monitor allows the user to track power consumption of an individual home appliance or device and protect it against power surge and voltage spikes.

1. Plug in the electricity load meter and energy monitor to a powered ac outlet.
2. Plug in the appliance/device into the electricity load meter and energy monitor outlet.

ENERGY MONITOR CONFIGURATION SETUP

Energy Monitor Configuration Setup

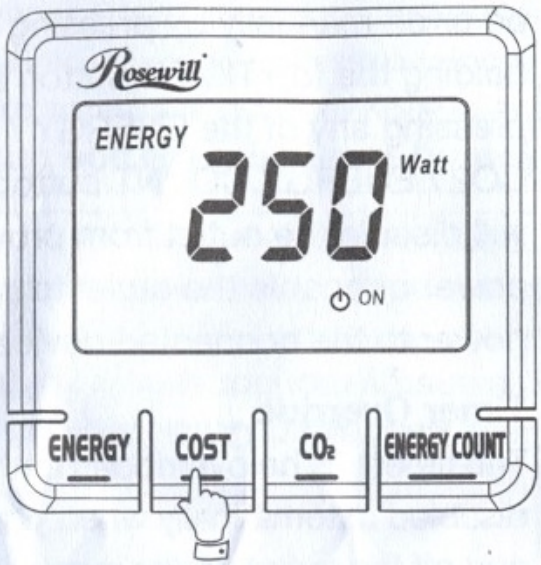
The energy monitor is preloaded with a default electricity rate($0.12/KWH) and carbon emission rate (0.49Kg/KWH). During anytime, you may perform the following setup to change the configuration setting.

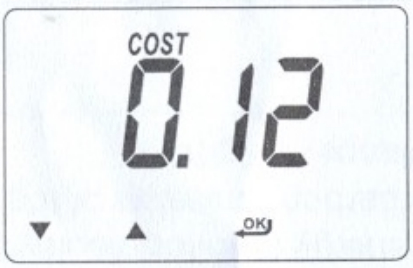
1. Electricity Rate Setup
2. Carbon Emission Setup

Electricity Rate Setup

There are more than 4,000 electric utilities across the US and Canada. In the event your local utility uses a tariff calculation other than a flat electricity rate, please key in the average rate that most nearly resembles your utility's tariff schedule.

Press the COST button for 5 seconds to enter the electricity rate setup page.





1. The default electricity rate is $0.12 per KWH. Press ▲ (COST button) or ▼ (ENERGY button) to adjust the electricity rate.

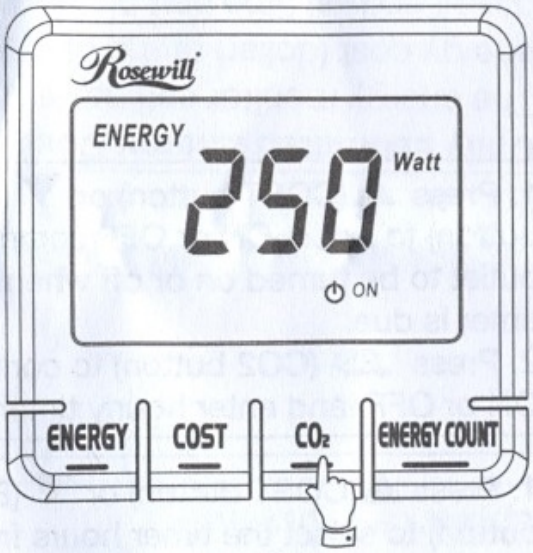
2. Press OK (CO2 button) to confirm and exit the setup page.

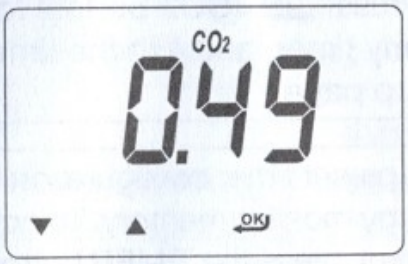
Carbon Emission Rate Setup

Carbon dioxide is emitted in the process of producing electricity by burning coal & fossil fuel. This is usually referred to CO2 footprint or carbon emissions, which in turn has contributed to global warming and has caused abnormal weather.

The average carbon emission rate is 0.49Kg of carbon emission for every 1 KWH of electricity produced. This can be changed depending upon your local electric utility. Please contact your local utility for carbon emission rate.

Press the CO2 button for 5 seconds to enter the carbon emission rate setup page.





1. The default carbon emission rate is 0.49Kg per KWH. Press ▲ (COST button) or ▼ (ENERGY button) to adjust the electricity rate.

2. Press OK (CO2 button) to confirm and exit the setup page.

ENERGY MONITOR OPERATION

Energy Monitor provides 5 different modes:

1. Energy Mode
2. Cost Mode
3. CO2 Mode
4. Energy Count Mode
5. Outlet Timer Control Mode

Energy Mode

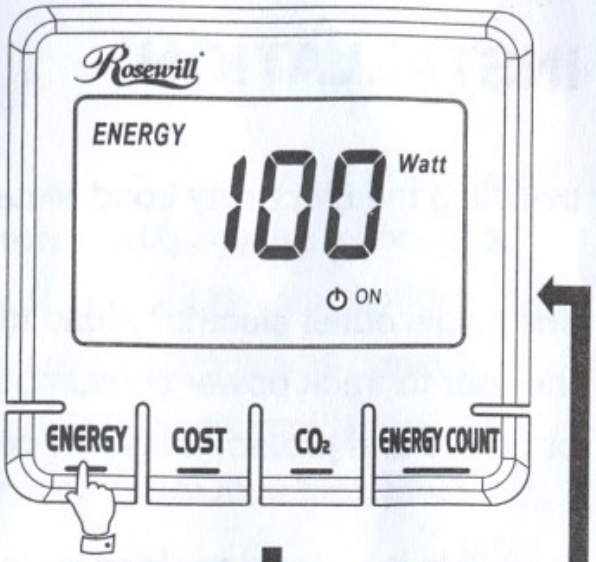
In energy mode, press ENERGY button to switch to different display of energy information.

The energy monitor can display power consumption of the plug-in appliance in real time / daily estimation / monthly estimation / annual estimation modes.

Note:
The energy monitor reads your appliance's energy usage continuously while your appliance is on or off and calculates the estimated energy information based on real time and historical measurements.
We suggest leaving the energy monitor on to measure the connected appliance for several typical use cycles for a more accurate energy estimation.

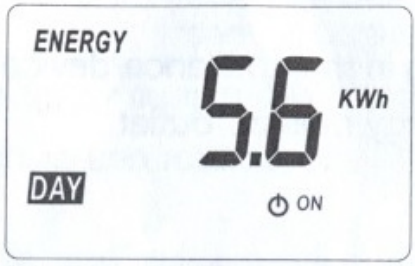
Real Time Energy Consumption

The energy monitor displays the real time energy consumption of the plug-in appliance in Wattage (Watt).



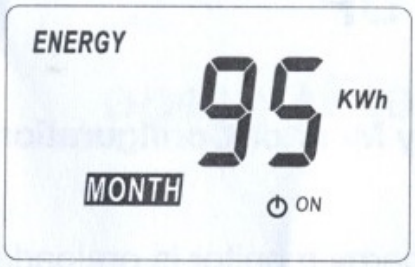
Daily Estimated Power Consumption

The energy monitor estimates the daily energy consumption (KWH) of the plug-in appliance based on real time and historical measurements.



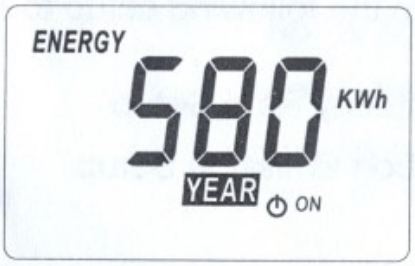
Monthly Estimated Power Consumption

The energy monitor estimates the monthly energy consumption (KWH) of the plug-in appliance based on real time and historical measurements.



Annually Estimated Power Consumption

The energy monitor estimates the annual energy consumption (KWH) of the plug-in appliance based on real time and historical measurements.

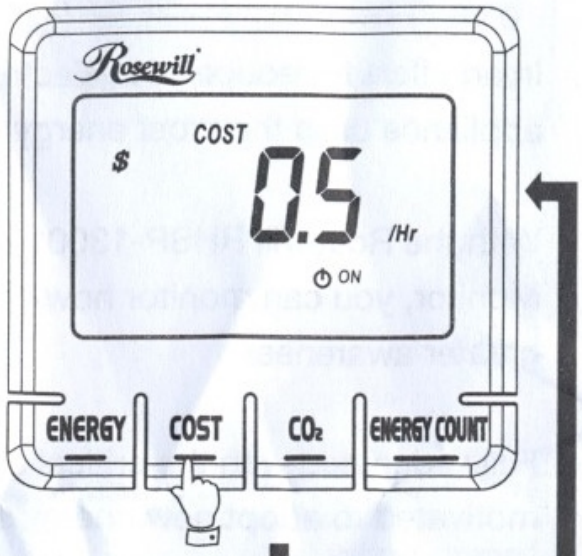


Cost Mode

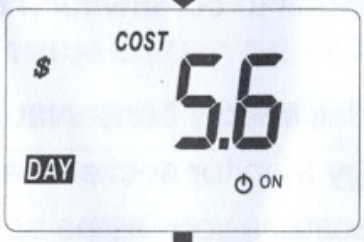
In cost mode, press COST button to switch to different display of energy cost information.

The energy monitor can display energy cost of the plug-in appliance in real time / daily estimation / monthly estimation / annual estimation modes.

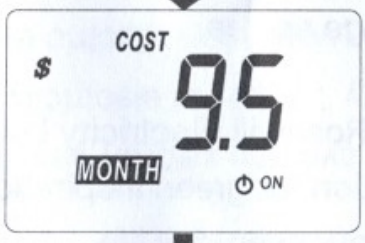
Real Time Energy Cost
The energy monitor displays the real time energy cost of the plug-in appliance in dollar/hr



Daily Estimated Energy Cost
The energy monitor estimates the daily energy cost (dollar) of the plug-in appliance based on real time and historical measurements.



Monthly Estimated Energy Cost
The energy monitor estimates the monthly energy cost (dollar) of the plug-in appliance based on real time and historical measurements.



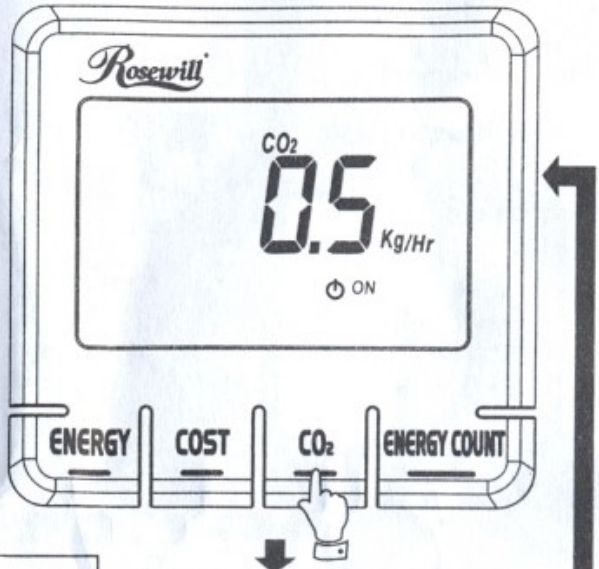
Annually Estimated Energy Cost
The energy monitor estimates the annual energy cost (dollar) of the plug-in appliance based on real time and historical measurements.

CO2 Mode

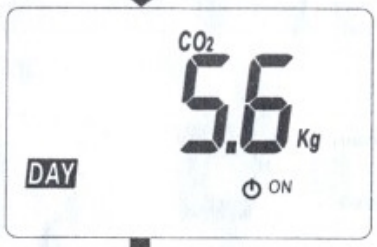
In CO2 mode, press CO2 button to switch to different display of carbon emission information.

The energy monitor can display carbon emission of the plug-in appliance in real time / daily estimation / monthly estimation / annual estimation modes.

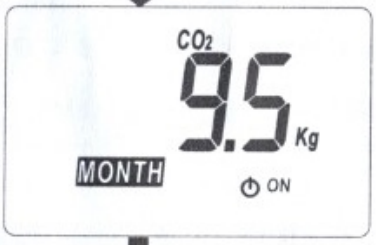
Real Time Carbon Emission
The energy monitor displays the real time carbon emission of the plug-in appliance in Kg/hr.



Daily Estimated Carbon Emission
The energy monitor estimates the daily carbon emission (Kg) of the plug-in appliance based on real time and historical measurements.



Monthly Estimated Carbon Emission
The energy monitor estimates the monthly carbon emission (Kg) of the plug-in appliance based on real time and historical measurements.

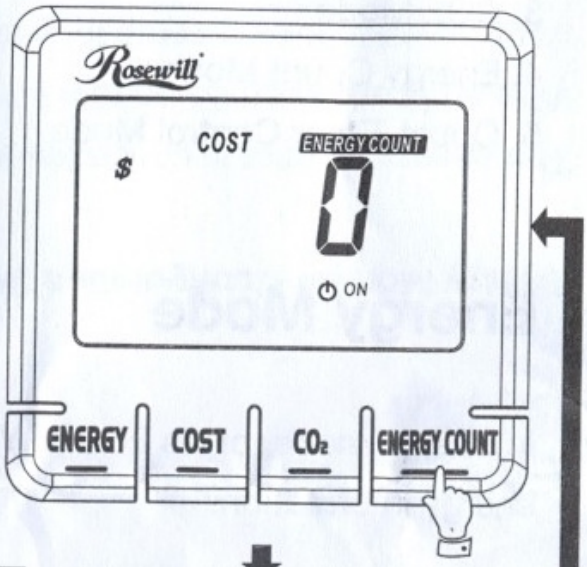


Annually Estimated Carbon Emission
The energy monitor estimates the annual carbon emission (Kg) of the plug-in appliance based on real time and historical measurements.

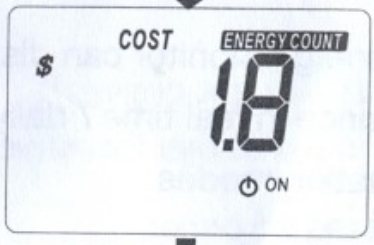
Energy Count Mode

Energy Count offers you an easy way to find out how much total energy consumption or energy cost each time you use the appliance. Finding out how much it costs you to use the appliance each time will raise your energy savings awareness and thus adopt new energy savings behavior.

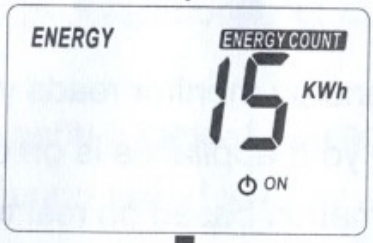
You can activate the ENERGY COUNT function by pressing the ENERGY COUNT button. While the ENERGY COUNT icon is flashing, turn on the plug-in appliance. The energy monitor will display the accumulative energy consumption in real time.



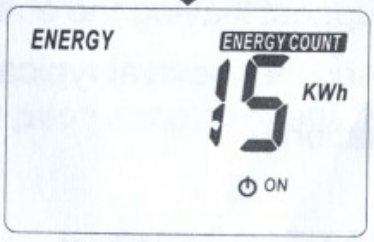
While the ENERGY COUNT icon is flashing, turn on the power of the plug-in appliance. The energy monitor will now display the accumulative energy consumption in real time.



During ENERGY COUNT mode, you can press ENERGY / COST / CO2 button to see different accumulating energy information in real time.



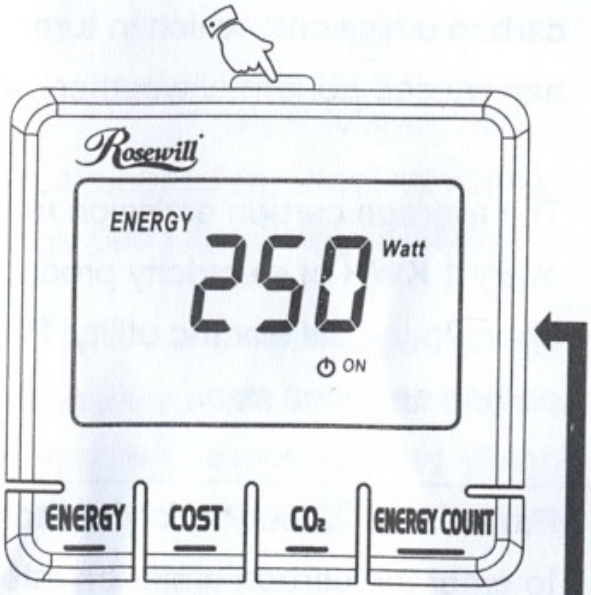
Press the ENERGY COUNT button to finish energy accumulating. You can see how much energy you have consumed in this cycle.



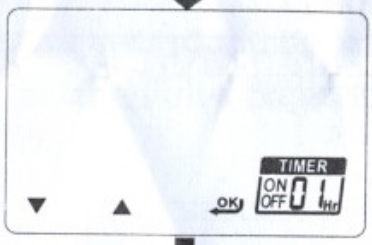
Timer Control Mode

Timer Control Mode offers the user to setup up an hourly timer in order to turn on or off the outlet.

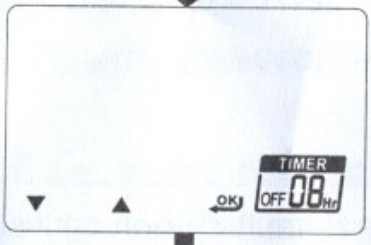
Enter hourly timer setup mode by pressing the top TIMER button for 3 seconds.



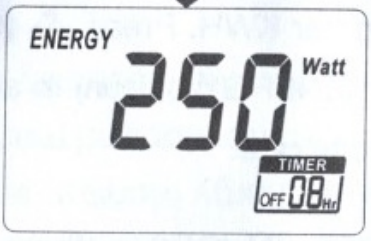
1. Press ▲(COST button) or ▼(ENERGY button) to select ON or OFF command for outlet to be turned on or off when hourly timer is due.
2. Press OK (CO2 button) to confirm the ON or OFF, and enter hourly timer setup.



1. Press ▲(COST button) or ▼(ENERGY button) to select the timer hours from 01~24 hours.
2. Press OK (CO2 button) to confirm the hourly timer, and exit the timer control setup page.



The preset timer configuration will stay in energy monitor memory. To activate the timer control, press the TIMER button, and the timer display will show the remaining hours that the outlet will be turned ON or OFF.
During anytime, you can press the TIMER button to deactivate the timer control function.



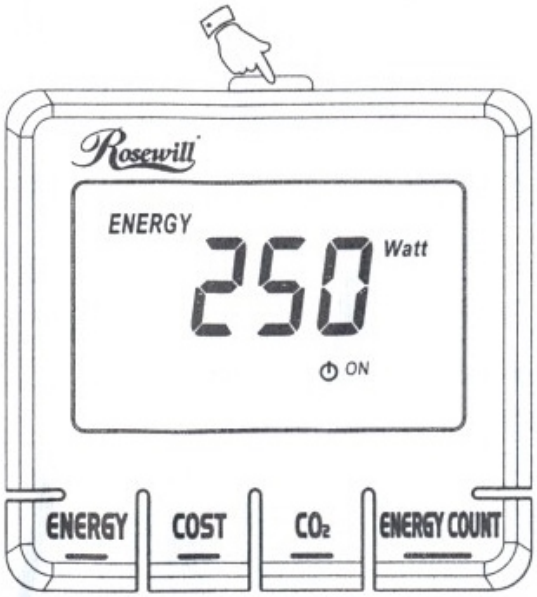
Outlet Power Manual ON/OFF & Timer Override/Disable

Outlet Power Manual ON/OFF

To avoid a connected equipment being accidentally turned on, during any display mode, the outlet can be turned on or off manually by pressing and holding the top TIMER button and then pressing any of the ENERGY / COST / CO2 / ENERGY COUNT buttons. This will disable the outlet from providing power or enable the outlet to provide power to the connected device.

Timer Override

The timer will be overridden and disabled automatically when you turn on and off the outlet power manually.



Technical Support

- Please contact our Customer Service about any issues related to this product.
- 1-800-575-9885 or via email at techsupport@rosewill.com