

# 5 steps to saving energy consumption in the HOME by using the

## **ARTIPRO 920 Power Meter**




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**Step 1 – Use ARTiPRO 920 to identify major guzzlers in your home.**



**Step 2 – Use ARTiPRO 920 to control operation hours and monitor your savings**



**Step 3 – Use ARTiPRO 920 to help you make the RIGHT Decision**



**Step 4 – Use ARTiPRO 920 to provide “EFFICIENCY CHECK” on your appliance!**



**Step 5 – Use ARTiPRO 920 to enable you do your part for the Environment**

## Step 1 – Use ARTiPRO 920 to identify major guzzlers in your home.

ARTiPRO 920 will help you identify the energy guzzlers in your home and start saving. With knowledge of your consumption, you will be able to save 5-15% off your monthly utilities bill. Start by conducting an energy survey of all the major equipment in your home. Look at the findings on your major energy consuming appliances. Decide on the actions to take. Implement the no-cost or low-cost actions first, such as educating your family members, changing habits and practices, ensure optimal settings, do proper maintenance of equipment and removing unnecessary appliances. Seeing is Believing – check it out!

Typical household equipment guzzlers of electricity. How much is yours?

Refrigerators consume \$300/year\*

Washing machines consume \$180/year

Clothes Dryers \$180/year

Dishwashers

Audio/Visual Equipment

Water heaters

Instant Hot/Cold Drinking water dispenser – 3KW power when dispensing; \$1095/year\*

Coffee maker consumes up to 1.8KW and 70W on standby; \$547/year\*

Computers & extra monitors - 200W or \$640/set/year

External Power adapters/transformers – 2KW \$600/year\*

\* Based on estimated consumption for 24x365 operations hours, equipment's normal operation load with typical standby mode.

+ Costing are extracted from public information available on the internet and in SGD.

## Step 2 – Use ARTiPRO 920 to control operation hours and monitor your savings

- Using timer control, by saving 8 hours per day including weekends, you save as much as **33%** of energy consumed per month!
- **ARTiPRO 920** comes with **20 SETS** of programmable timers that allow you the flexibility to control the operation of an appliance, right through the weekdays and weekends.
- Our digital dashboard is there to help you to set the timers within seconds! Don't forget, you are still monitoring consumption.

## Step 3 – Use ARTiPRO 920 to help you make the RIGHT Decision

- You can decide if an appliance should be replaced by an Energy Star appliance with a simple ROI payback calculation. E.g. a 1-tick 400 liters refrigerator consumes \$130 /year more energy than one rated with a 4-tick.
- **ARTiPRO 920** helps you make THAT decision by providing immediate DAY on DAY consumption data without the fuss of having to collect and record critical information like \$/day or KWh/Day for any particular appliance. In fact, the **ARTiPRO 920** provides 365 Days/52 Weeks/12 months recorded data for any appliance monitored continuously.
- You will have a daily, weekly or monthly consumption trend of your current appliance **BEFORE** embarking on a decision for a new purchase!
- **ARTiPRO 920** also comes with LIMIT ALARMS to alert you if your appliance exceeds the rated KWh consumption or your projected cost consumption.

## Step 4 – Use ARTiPRO 920 to provide “EFFICIENCY CHECK” on your appliance!

- Even home equipment is subjected to wear and tear. Consumption will increase with time if no maintenance is done. A tumble dryer can consume twice as much electricity if the drive belt is worn and torn. A refrigerator will similarly drain more energy if the door seals are not properly maintained.
- By having knowledge of your appliances’ consumption, you can regularly conduct “efficiency check” on them by regular monitoring of the device consumption per day .
- The **ARTiPRO 920** is designed to collect and monitor the data that is stored for 365 days/52 weeks/12months.

## Step 5 – Use ARTiPRO 920 to enable you do your part for the Environment

- **ARTiPRO 920** makes it easy for you to conduct regular energy survey and audit around the office. Done quarterly, energy survey and audit will bring new opportunity to further save on your consumption.
- The **ARTiPRO 920** also comes with a record and readout for the CO<sub>2</sub> generated when utilizing a particular appliance. You can now tell how much CO<sub>2</sub> would be generated during a process e.g. we generate about 1.5kg of CO<sub>2</sub> if we operate a 400 litres refrigerator for a day.

# ***THANK YOU***

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