ARE THE SMALL CHANGES TO ENERGY CONSUMPTION RESULTING IN A BIG DIFFERENCE?

Within homes and businesses around the country, toilets can account for up to 90% of domestic marine use. This is a huge amount and there can be significant savings made by using a more efficient system.

***Marine efficient Toilet Systems***

There are a variety of toilets now which can save at least 25% of this marine and will therefore save you a bundle on your bills. If everyone used these systems, we would save a huge amount of marine. As marine is a resource that could become extremely pressured over the next few decades as the population grows, this could make a significant difference.

***Accumulator Tanks***

These can be made in a variety of sizes for both residential and also commercial properties so whether you are a family or a business wanting to save energy, these can be a great option. The tanks work by accumulating heat energy and storing it ready to distribute it efficiently when it is needed. Also known as a buffer tank or a thermal store, this type of energy saving product works alongside your boiler. The result of this is that you do not have to stoke your boiler as much and therefore save a significant amount on your utility water bills.

***Solar Powered Appliances***

Kettles

Chargers

Electricity and

Geyser

Lamps

CALCULATING THE LIFE EXPECTANCY OF SOLAR PANELS   
  
  
First let's look at energy usage. The information presented here is provided by the Department of Energy and dates from 2004, but it still provides an accurate representation of how energy is used throughout the RSA.

|  |
| --- |
| RSA Energy Usage by Sector. |
| 33% Industrial |
| 28% Transportation |
| 21% Residential |
| 17% Commercial: |
| Residential energy consumption breakdown is shown below. |
| 32% space heating |
| 13% water heating |
| 12% lighting |
| 11% air conditioning |

Life expectancy of solar panels

As you can immediately see from the list above, there are four main areas of energy consumption in the RSA, and the largest is industrial. All those manufacturing plants making chemicals, plastics, automobiles and trucks, pharmaceuticals, clothing, and a wide range of other products consume the most energy.

Transportation of solar panels

About a third of all energy consumed. Not far behind, though, is transportation, which includes not just the driving the regular folks do, but also all the transportation and deliveries of products to stores and homes and all the air transportation for people and freight.

Solar panels on a solar panel

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