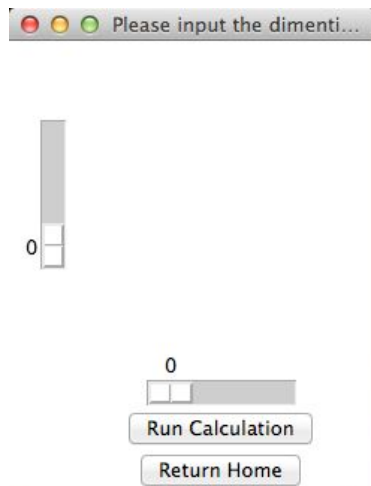


User Guide:

When started, the solar power calculator will present you with three options. The first and second will take you to the calculators, the third to the theory page.

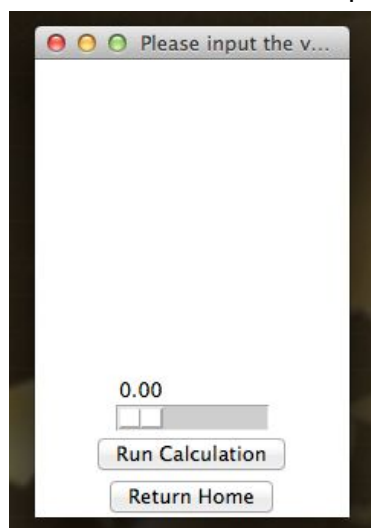
Calculators:

The first calculator will present you with the following screen:



The slider on the left sets the vertical height of the solar panel in meters, and the slider on the bottom sets the horizontal length in meters. The graphic in the middle will expand with the sliders to represent the size of the solar panel. The sliders are locked at a reasonable maximum value of 50 meters. The run calculation button will generate a volume of water that could be boiled per minute using the power generated from the solar panel of the specified size. The return home button will take you back to the calculator selection screen.

The second calculator will present you with the following screen:

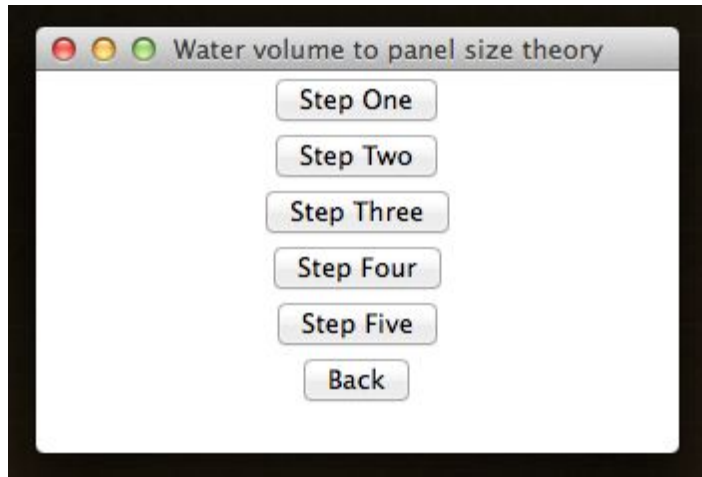


The slider along the bottom is used to set a volume of water you wish to boil every minute, upto a maximum of 5.00 litres. Increasing the slider will display a graphic in the blank space

that will represent the volume of water selected. Pressing the run calculation button will calculate a meters squared value of solar panel required to boil the specified volume of water per minute. The return home button will take you back to the calculator section screen.

Theory:

If you select the “Learn how it all works” button from the first screen you will be taken to the theory home page. From here you can select a direction to follow the calculation in, and you will see a page that looks like this:



Clicking on each step will display a single step of the calculation so it can easily be followed through. This is true for both directions. The “Back” button will take you back to the theory root page.