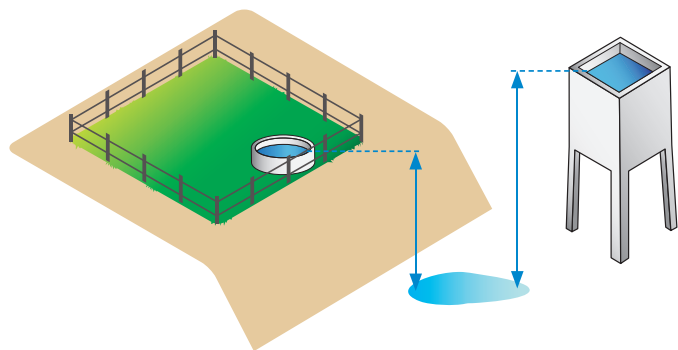


How much water will my LORENTZ S system pump?

To estimate the water output of your LORENTZ S system, you first need to calculate the total head.

Total Head = Vertical lift + additional head (if required) + pipe friction loss

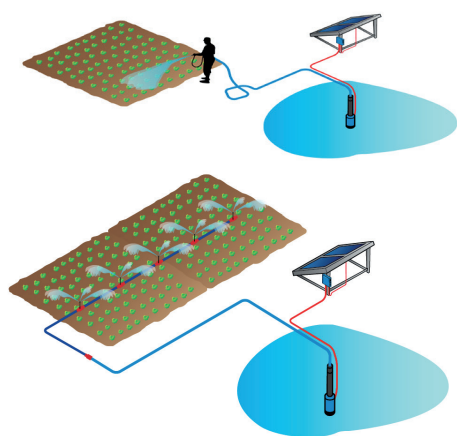
Step 1 - Measure the vertical lift



Measure the vertical distance from the water level in the well to the highest point where the water will be delivered. Use the water level, not the depth of the well.

Vertical lift: ____ m

Step 2 - Add extra head (if required for your application)



Hose irrigation: **add 3 m**

Pipe irrigation: **add 10 m**

Step 3 - Calculate pipe friction loss



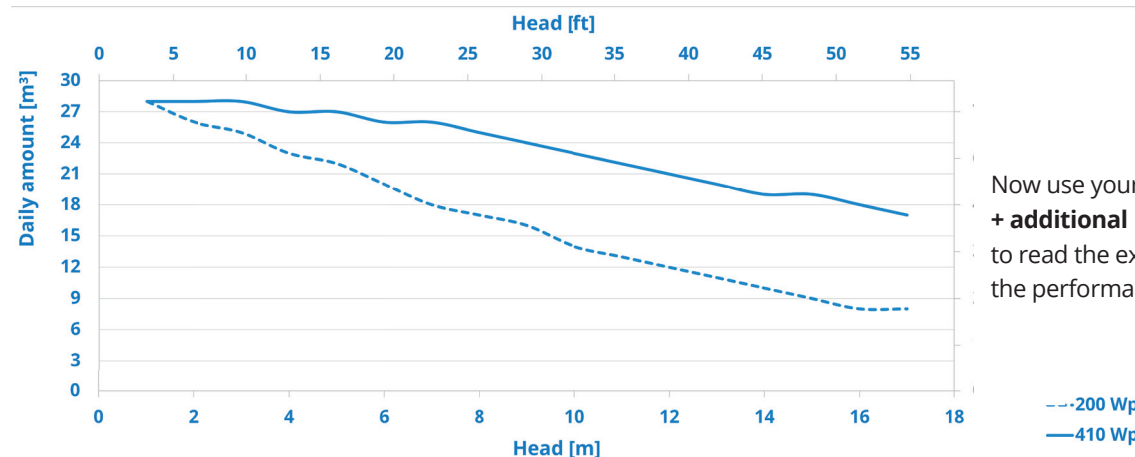
25 mm pipe:

Total length of pipe: ____ m x 0.05 = ____ m
(pipe friction loss)

32 mm pipe:

Total length of pipe ____ m x 0.02 = ____ m
(pipe friction loss)

Step 4 - Calculate your total head to see your water output



Now use your **Total Head (Vertical lift + additional head + pipe friction loss)** to read the expected water output from the performance chart.

--- 200 Wp
— 410 Wp