Irrigation & Pumps

April 2021

I am fortunate to have several well-sized vegetable patches, but they are extremely thirsty. I have been setting up a [Claber Irrigation system](https://www.claber.com/uk/products/drip_irrigation/) with a medium sized starter kit that includes some drip and spray nozzle fittings.

This is designed to be run using a standard tap fitting, with a pressure reducer to bring it down to a level suitable for the irrigation system. UK standard water pressure is not to be less than 10m of head pressure (1 Bar), although this can be as high as 100m/10 Bar.

Before I realized this, I’d purchased a [12V pump](https://www.amazon.co.uk/Seaflo-Submersible-Electric-Replaces-GP1652/dp/B01MQKGRXR/ref=pd_di_sccai_32/258-9864187-7791660?pd_rd_w=4QpLm&pf_rd_p=2529c273-c9d4-4495-807e-68ed4dfade5e&pf_rd_r=P2104167656G7NPX2QVE&pd_rd_r=b6900978-5532-4d03-8686-728e2740040a&pd_rd_wg=Tt2VJ&pd_rd_i=B01MQKGRXR&psc=1) under the belief that flow rate was more significant. However this struggled to supply suitably to any more than a single length of the irrigation system so I have tried to source a stronger pump

I am looking to run this from a garden water butt which is slightly raised. At that point I need a method to split the flow to up to 4 separate raised beds suitably to supply all the plants.

Control