

ABSTRACT

A SYSTEM AND METHOD FOR CONTROLLING MULTIPLE SIZED WATER SOFTENING TANKS

A water softening system including a first treatment tank having a
5 first water capacity, a second treatment tank in parallel with the first treatment
tank and having a second water capacity that is less than the first water capacity, a
flow meter connected to the first and second treatment tanks, the flow meter
configured to determine a demand flow rate of water entering the system and a
controller in communication with the flow meter, the controller configured to
10 direct the water into the first treatment tank when the demand flow rate is greater
than a designated flow rate, and to direct the water into the second treatment tank
when the demand flow rate is equal to or less than the designated flow rate.

Fig. 1