



FLECK 7000 TANNIN MEDIA LOADING & START-UP NOTES

Note: A minimum of 20 PSI is required for operation. Maximum operating pressure is 90 psi. Prevent from freezing.

- 1 Unscrew by hand the entire control valve from top of tank if screwed on. Place distributor tube in tank. If not already done, attach blue cap to the top of the distributor tube to prevent softening media from entering tube during media filling.
- 2 Add base gravel first, using the funnel sent
- 3 Next add the tannin filter media; the tank should be about 2/3rd to 3/4ths full when done.
- 4 Remove tape from distributor. Do not pull up distributor tube. Top of distributor tube should be flush with top of tank opening.
- 5 Screw on control valve carefully, do not cross thread.
- 6 Install piping to local plumbing codes. Make sure inlet is installed to the 'In' on the bypass valve and outlet is on the Out side, and connect flexible some 1/2" poly tubing to drain. Read page 5 of the Fleck 7000 control manual for start-up and installaton instructions.
- 7 Note, the over-flow fitting on the side of the brine tank does not need to be connected, unless the softener is installed in a closet or somewhere where overflowing salt water could cause a problem. Water rarely overflows the brine tank however.
- 7 Plug in control valve to a 115v outlet, and complete programming steps by reviewing pages 6 - 10 of the Fleck 7000 control manual. Note: your filter is the "**Delayed Regeneration**" type. This means that the filter automatically counts the number of gallons used, regenerates (cleans the tannin filter media, also known as tannin resin) based on the usage of water. It also has a time clock, and keeps track of the time, allowing regeneration to occur at the hour you choose, typically 2 am in the morning. For most home applications for tannin removal, set the "hardness" for 40 grains, so the tannin filter will regenerate every 600 gallons. You do not need to do any other programming, other than setting the 'hardness' and the time of day.
- 8 Add approximately 5 gallons of water to brine tank, then fill brine tank with salt, about 300 lbs, or 6 50-lb bags. for the first time only. Its OK to use any kind of water softening salt, however we find that extra coarse salt works good.
- 9 Start a manual backwash by pressing and holding the Extra Regeneration button for 5 seconds. Turn on water to filter and allow filter tank to slowly fill with water, removing air in the filter tank. Turn on water to full force.
- 10 Allow to go through full regeneration cycle automatically which takes approximately 90 minutes.
- 11 After regeneration is completed, open up hose bib, or bath tub faucet or other faucet such as a bathtub without an aerator screen in house and allow water to run for 5 to 10 minutes. If piping inside house is corroded, turning on and off the water may dislodge some loose mineral or material. Aerators on faucets may need to be cleaned later if some of the fixtures inside house start to run slowly.
- 12 Maintenance: make sure to check salt every few months, and add more as needed.

