



## **System Installation Instructions**

\*Please read all instructions thoroughly before beginning.

In order to determine the location for the installation, it is necessary first to find the point of entry of the main water line, a drainage line for backwash, and a 110-volt electrical outlet for the Fleck 5600. It is important to use only Teflon tape on the by-pass valve and pre-sediment filter.

- 1.** Connect proper fittings to both sides inward arrow and outward arrow of the by-pass valve. Now turn both knobs on the by-pass valve clockwise until they are all the way open.
- 2.** Ensure that the main water shutoff valve to the house is in the OFF position. Cut the point of entry line to the house and install cutoff (A) on illustration. From that cut off run a line and attach the pre-sediment filter. You will need to run a line from the pre-sediment filter and connect it to the inward arrow of the by-pass valve. You have two options of connecting to the filter: 1) A 1" quick connect (SharkBite) or 2) You can use the 1" male threaded connection that is included in the instruction packet. On the line that runs from the outward arrow of the bypass valve to the main line of the house, you will need to install a hose bib. After the hose bib you will need to install another cutoff (B) on illustration and from the cutoff (B) you will connect to the main line of the house. At this point make sure both cutoffs (A) and (B) are in the OFF position. Install a garden hose to the hose bib and run the hose either outside or into a tub (preferably outside). Cut the hose bib to the ON position.
- 3.** Make sure that the by-pass valve is in the IN SERVICE position, and slowly turn on cutoff (A). Fill the tank slowly so not to disturb the media bed. Note: the water flowing from the hose is cloudy and/or contains media fines as well as air. When steady clean flow comes from the hose, turn off hose bib and cutoff (A) and allow the media bed to soak & settle for 30 minutes.
- 4.** While filter is pre-soaking attach the backwash piping to empty into a drain line. After backwash hookup is completed and 30 minutes has passed, make sure that the hose bib is in the off position. At this time turn the cutoff (A) located before the pre-sediment filter to the ON position. Make sure the bypass valve is in the IN SERVICE position.

5. The system is now ready to run through a backwash cycle. You will need to plug in the power cord and set the time. To set the time, push down and hold either the up or down arrow for 3 seconds. This will put it in clock set mode. Set the time by pressing the up or down arrows until you have the correct time displayed and press the regeneration button at the bottom left once to lock in the time. There will be a spigot icon and the time displayed on the screen. There will be a number "3" that will flash up. That is just the number of days until the next backwash. Now you are ready to run it through the initial backwash. Press the regeneration button and hold it down for 3 seconds. This will initiate the backwash mode. This will take around an hour. When the backwash is complete the time will display with the spigot icon and the number 3 for the number of days until the next backwash.

6. At this point you will need to turn the hose bib back on and let the water run until it is clear. (This is easier seen if you use a 5 gallon "white" bucket. When the water is clear, cut the hose bib off and turn on the cutoff (B) located after the hose bib. This will turn the water back onto the house. Ensure that there is adequate water pressure throughout the entire house. It is important that the water pressure not be more than 80 p.s.i.

**Other key Notes:**

- Place filter where you want to install the unit. Be sure the tank is on a level solid base.
- Perform all plumbing according to local plumbing codes
- The Fleck 5600 requires electricity to run the timer only. Normal water pressure manually runs the backwash.
- The systems requires pre-soaking of the sediment beds for at least 30 minutes prior to bringing on line. The longer the better. Typically this is done while the backwash pipes are being assembled and positioned to drainage.
- Do not drop the system; the riser is sensitive to the weight of the media.
- The system cannot be tilted beyond a 65-degree angle. The system must be kept upright at all times.
- Backwashing regularly is absolutely vital to the performance of this water purification system.
- Take special care when inserting by-pass valve in order to prevent crimping of ring. Only use silicone lubricant.
- The pre-sediment filter must be flushed once a month
- Remember that the hot water tank has old water in it. It may take up to a week to replace the old water with purified water depending on usage.
- Refer to illustration when necessary.

Installation questions? Call (855) 826-1130 or visit <https://www.aquaofilters.com>