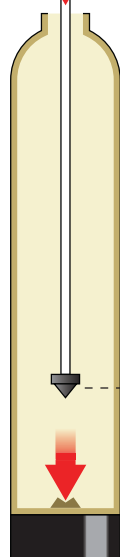


# Assembly & Startup Instructions for Carbon Systems with Fleck 5800 Valves

## 1. Media Loading Instructions

Riser Tube



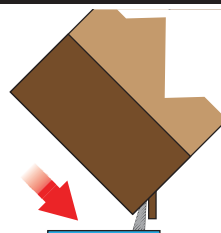
Resin Tank

1

The riser tube should be centered in the bottom of the tank. There is a divet in the bottom of the tank that the basket distributor on the end of the riser tube will fit in. The top of the riser tube should be flush with the very top of the tank.

Basket Distributor

Funnel



GRAVEL MEDIA

2

Make sure that the riser tube is covered with the supplied cap or a piece of tape while adding media to the tank. You do not want any media getting into the riser tube. Place the funnel in the opening at the top of the tank. Pour media into the tank using the funnel.

Fill to here



Funnel

12-18" of  
free space  
Fill to here

GRANULAR  
ACTIVATED  
CARBON

3

Fill the tank with granular activated carbon media. Your system was supplied with the correct amount of carbon for the tank. There should be 12" to 18" of space between the media and the top of the tank. After filling, remove the funnel and tape covering the opening of the riser tube. Clean up the riser, tank threads and top of the tank before installing the control valve.



Control Valve

4

Thread the control valve on to the top of the tank. The control should thread on easily. If you feel any abnormal resistance, check to make sure the control is not cross threaded.

The system is now assembled and ready for installation.

## 2. Valve & Bypass Components



### 1. Turn Bypass Valve to On Position



### 2. Connect Bypass & Drain Stem to Valve



### 3. Connect Upper Basket to Valve Body



### 4. Connect Plumbing (See Text Below)



## 3. Plumbing Connection & Startup

1. Connect plumbing to the system with the bypass knobs in the bypass position (perpendicular to the plumbing). Turn on the water to the house and check all connections for leaks.
2. Initiate the backwash cycle on the filter valve. This is done by pressing the diamond shaped button on the face of a digital valve. The backwash cycle is initiated on a mechanical valve by turning the dial clockwise to the first position.
3. Once the valve is in the backwash mode, open the bypass handles half way and allow the tank to fill with water.
4. Open the bypass valves all the way once water begins to flow through the drain tube.
5. Allow system to complete the backwash and regeneration cycles on its own. It will return to service once this is done.

**\*Note:** The system should be ready for use once the backwash cycle is complete. You may have to initiate a second backwash cycle on very large systems if there is a discoloration to the water. It is normal to see very small air bubbles in the water when new systems are installed. These tiny bubbles can give the water a greyish cast. However, they do quickly dissipate in a clear glass. These bubbles will go away once the system becomes thoroughly saturated. This could take several days depending upon water usage.