



2150 GS Installation Kit

- 1- Flow Meter (F-42040LN-16)
- 2- 1" x Close Nipples
- 1- 1 ½" Gate Valve (GVG-1500-S)
- 1- 1 ½" Flap Check (S1720C15)
- 2- 4" Pcs. Of 1 ½" PVC
- 1- 2" Pcs. Of 1" PVC
- 1- 1" 90° fpt x fpt (808-010)
- 1- 1" 90°fpt x soc (807-010)
- 1- 1" x 1 ½" Coupling soc x soc (829-211)
- 1- GS Manual
- 8- ⅜" Jam nuts
- 4- ⅜" Shoulder Bolts-2" long

Installation and Start-Up Instructions

A. Uncrate, remove from pallet, and check for damage that may have occurred during shipping. If damage occurred during shipment, file a claim with the shipping company.

B. Place the chlorination system in a location near the place of application.

C. Level the system with the supplied leveling bolts. This is important for proper chlorine delivery.

D. Install a pressure regulator on the inlet supply line IF inlet line pressure is greater than 60 psi. Tank flooding will result if pressure exceeds 70 psi.

E. If supply pressure DOES NOT bleed down below 70 psi when water system is shut down, a solenoid valve will need to be installed on the inlet line to prevent chlorination system flooding. The solenoid valve must be interlocked with your water system pump. Solenoid valve is not supplied with the GS system.

F. For Models 2075 GS and 2150 GS, connect the inlet flow meter assembly to the solution tank (the parts were shipped loose to prevent breakage in shipping). Models 2300 GS and 2600 GS have the flow meter factory installed.

G. Connect the inlet water supply with 1-1/2" PVC pipe or hose. Include an isolation valve at the main header line. If source water contains debris, include a filter in the line.

H. Connect the chlorine control and check valve assembly to the bottom of the solution tank. Close the chlorine control valve completely. (The parts were shipped loose to prevent breakage in shipment.)

I. Connect the discharge piping from the chlorine control valve to the chlorine application point with PVC pipe or hose. Include an isolation valve at the main header line.

Model 2075 GS and 2150 GS use 1-1/2".

Model 2300 GS uses 2".

Model 2600 GS uses 3".

J. Once the water input and output connections are in place, open isolation valves and check for leaks. Water will begin to flow into the chlorinator and fill the solution tank.

K. Wait until water stops flowing into the solution tank. Open the chlorine control valve about 2-3 full turns to allow flow out of the system.

L. Slowly, and in small, ¼ turn increments, continue to open the chlorine control valve to maintain the desired inlet flow.

M. The chlorine delivery is determined by the flow rate through the chlorinator (see graphs).
NOTE: After adjusting the chlorine control valve, the flow meter will take a few moments to stabilize.

N. Turn the irrigation system OFF and ON several times, allowing it to operate for several minutes each time. Check all connections for leaks.

O. To begin chlorinating, remove the chlorinator lid and fill the Chlorinator with Axiall Accu-Tab® SI tablets.

P. NOTE: Add only the amount of tablets that will be consumed in 5-7 days. Tablets in the chlorinator longer than 5-7 days will pick up moisture and bridging may occur.

To view the full 2150 GS Manual, please visit the Resource Center at
www.puraquaproducts.com