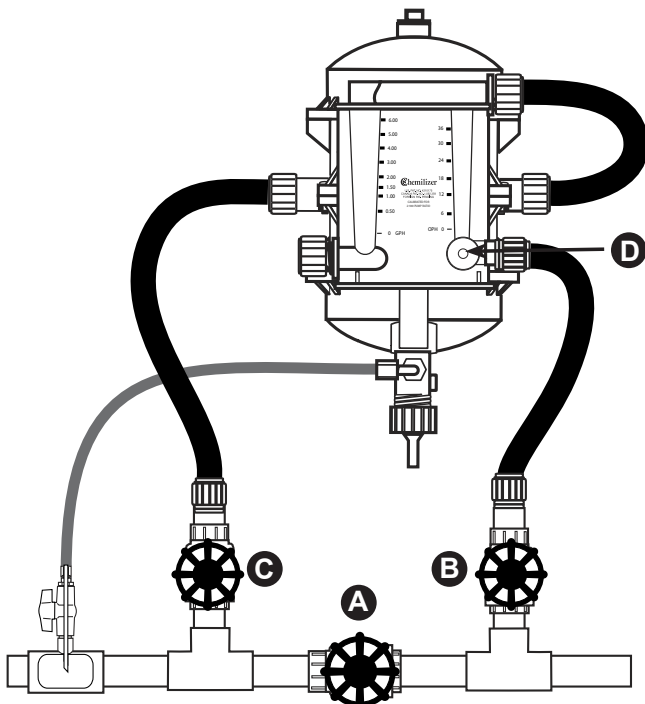


Chemilizer™

We Inject Solutions

How to use the Injection Control Panel

The Injection Control Panel is used to set the volume of solution to be injected into the water flow.



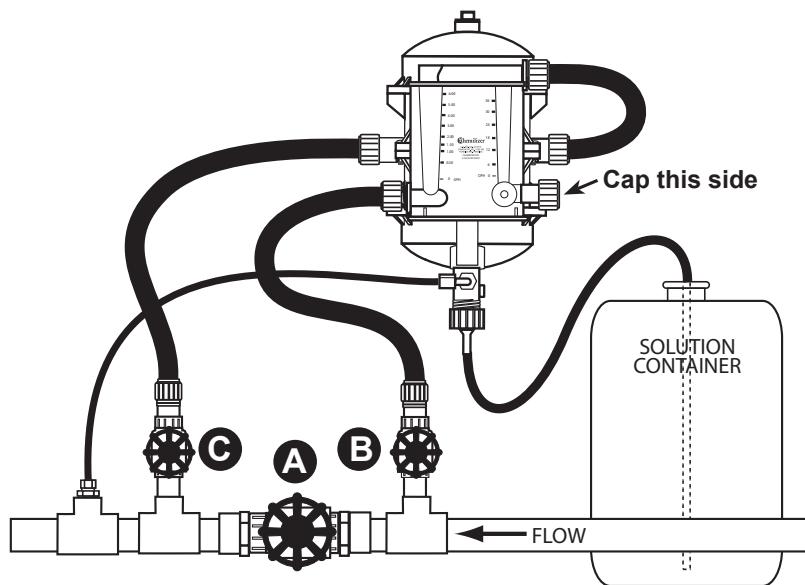
1. Locate the control valve (A), inlet gate valve (B), outlet gate valve (C), and needle valve (D) in the diagram.
2. With your system water flow at its maximum, control valve (A) is fully open.
3. The inlet gate valve (B) and outlet gate valve (C) should be completely closed before proceeding.
4. Connect a water hose from inlet gate valve (B) to the Injection Control Panel:

High Volume Installation

If you need an injection volume in gallons-per-hour, use the bottom left-hand side of the Injection Control Panel.

Gallons Per Hour Injection

Injection rate is adjusted by turning valve "B".

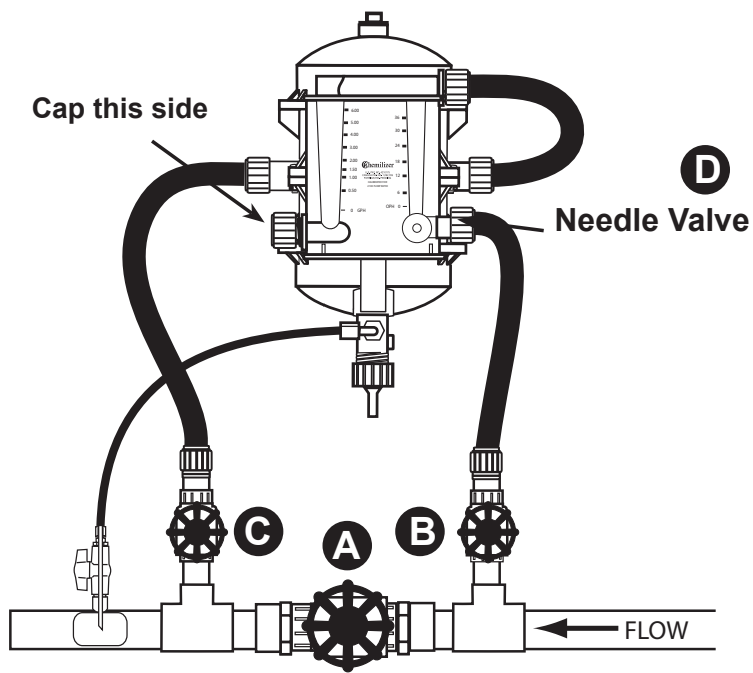


Low Volume Installation

If you need an injection volume in ounces-per-hour, use the bottom right-hand side of the Injection Control Panel.

Ounces Per Hour Injection

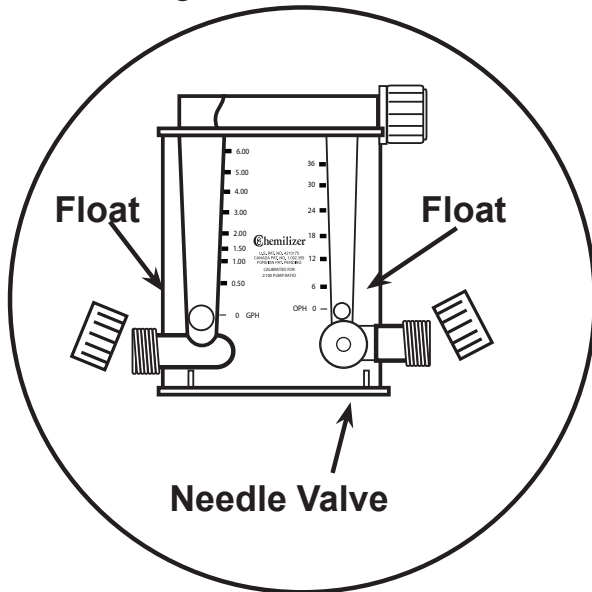
Injection rate is adjusted with the needle valve on the Injection Control Panel.



To determine if you need gallons per hour or ounces per hour, use our handy calculators:

http://www.chemilizer.com/calculator_cp33a.html

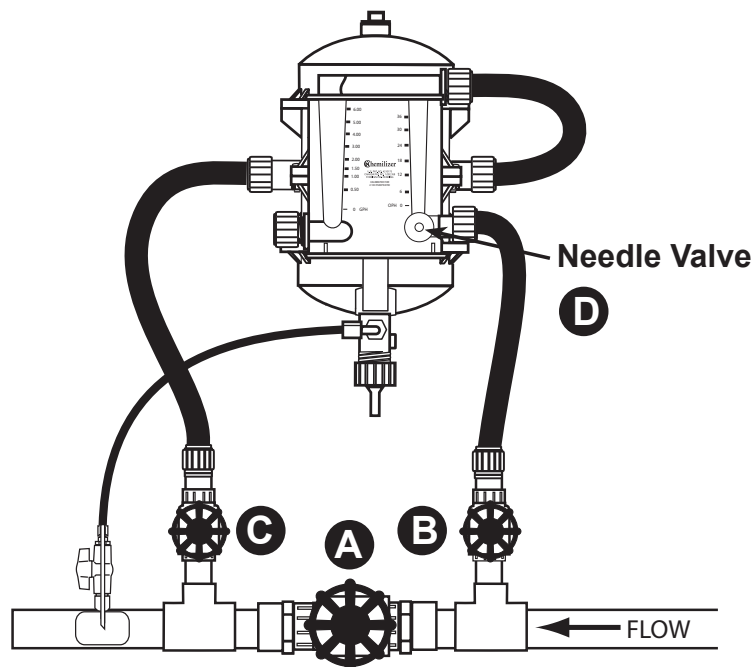
5. Cap off the bottom input to the Injection Control Panel that you are not using.



Injection Control Panel

Depending on which side of the Injection Control Panel you use, the other side is **capped off** (cap included)

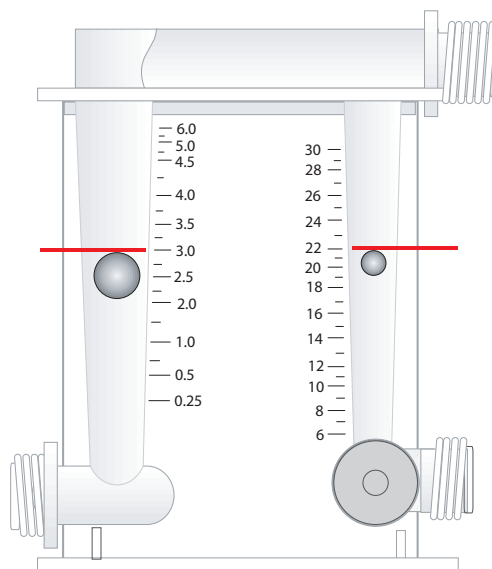
6. Ensure the short blue hose provided with the injector is connected from the outlet of the Injection Control Panel (top right side) to the inlet T on the injector.



7. Ensure a water hose is connected from the outlet T on the injector to outlet gate valve (C).
8. Open outlet gate valve (C) completely and then open inlet gate valve (B) until it is also fully open.

9. To set the volume of injection, slowly close control valve (A) until the top of the float inside the Injection Control Panel is positioned at the highest injection volume on the Injection Control Panel.

- If you are using high-volume injection (gallons-per-hour), use the inlet gate valve (B) to fine-tune the injection volume to the exact amount desired.
- If you are using low-volume injection (ounces-per-hour), use the needle valve to fine-tune the injection volume to the exact amount desired. (Over tightening <closing> the needle valve will cause damage to the needle and seat.)



Note: fluctuations in your system's water pressure will cause the float to bounce; the injection volume indicated by the top of the float at the highest point of the bounce is the injection volume the CP33 will output.