

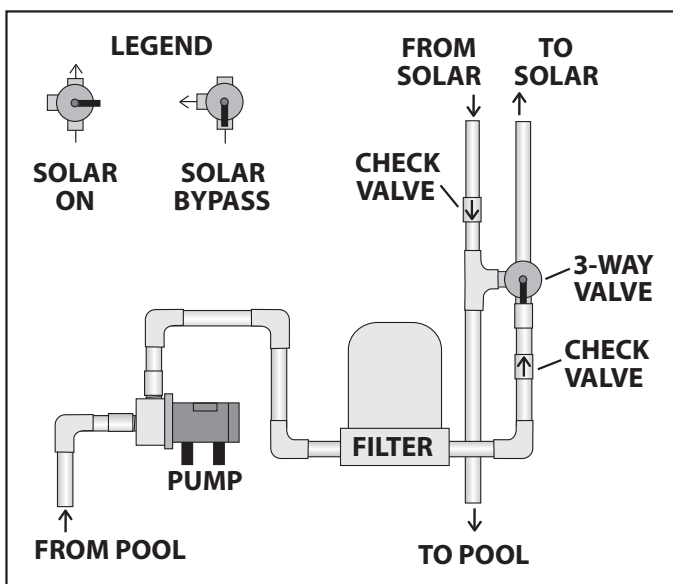
TYPICAL SOLAR SYSTEM PLUMBING SCHEMATIC

Below are typical layouts of how a Solar Pool Heating System is plumbed into your existing pool plumbing.

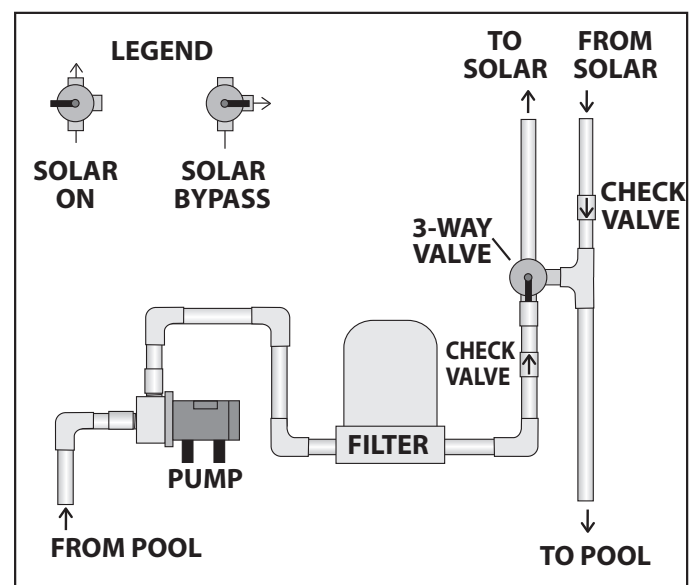
The feed and return plumbing on your solar system should resemble one of these four diagrams. You may have a different type of filter, or you may have additional equipment such as a chlorinator, pool sweep, or gas heater (typically located in the pool return line). In most cases your plumbing will be similar to the plumbing shown.

Notice that the first Check Valve is plumbed in after the filter. This prevents the filter from being back-washed by the water draining from the panels when the pump shuts off. The Three-way Valve either diverts the water to the solar system or directly back to the pool.

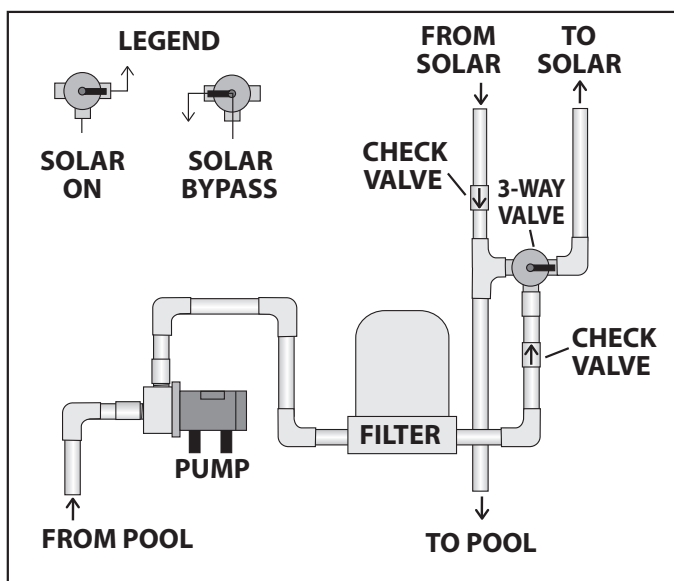
The Check Valve on the solar return pipe prevents the water from flowing backwards through the solar system when the solar system is shut off.



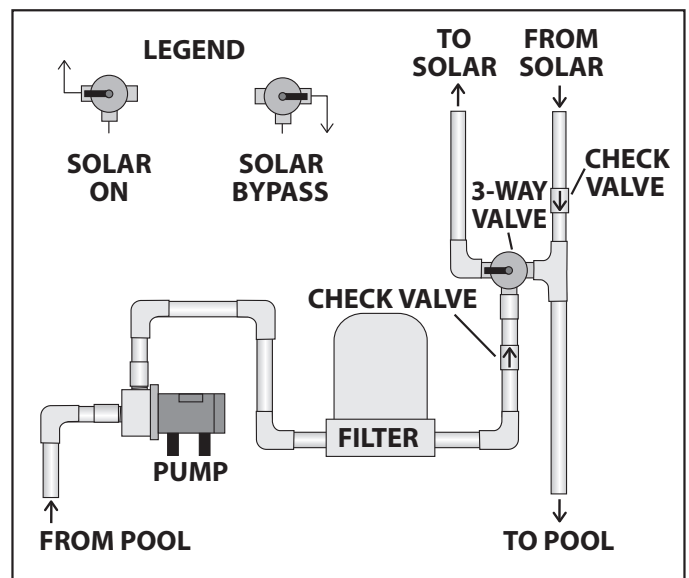
LEFT SIDE RETURN - 90° VALVE ROTATION



RIGHT SIDE RETURN - 90° VALVE ROTATION



LEFT SIDE RETURN - 180° VALVE ROTATION



RIGHT SIDE RETURN - 180° VALVE ROTATION