



Basic SHW Troubleshooting Assessments for customers

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VTS Solar Collector

On this photo you can see your solar collector. You can find there items like:

Water Tank, Vacuum tubes, Automatic Air Vent, Pressure Relief Valve, Expansion tank.



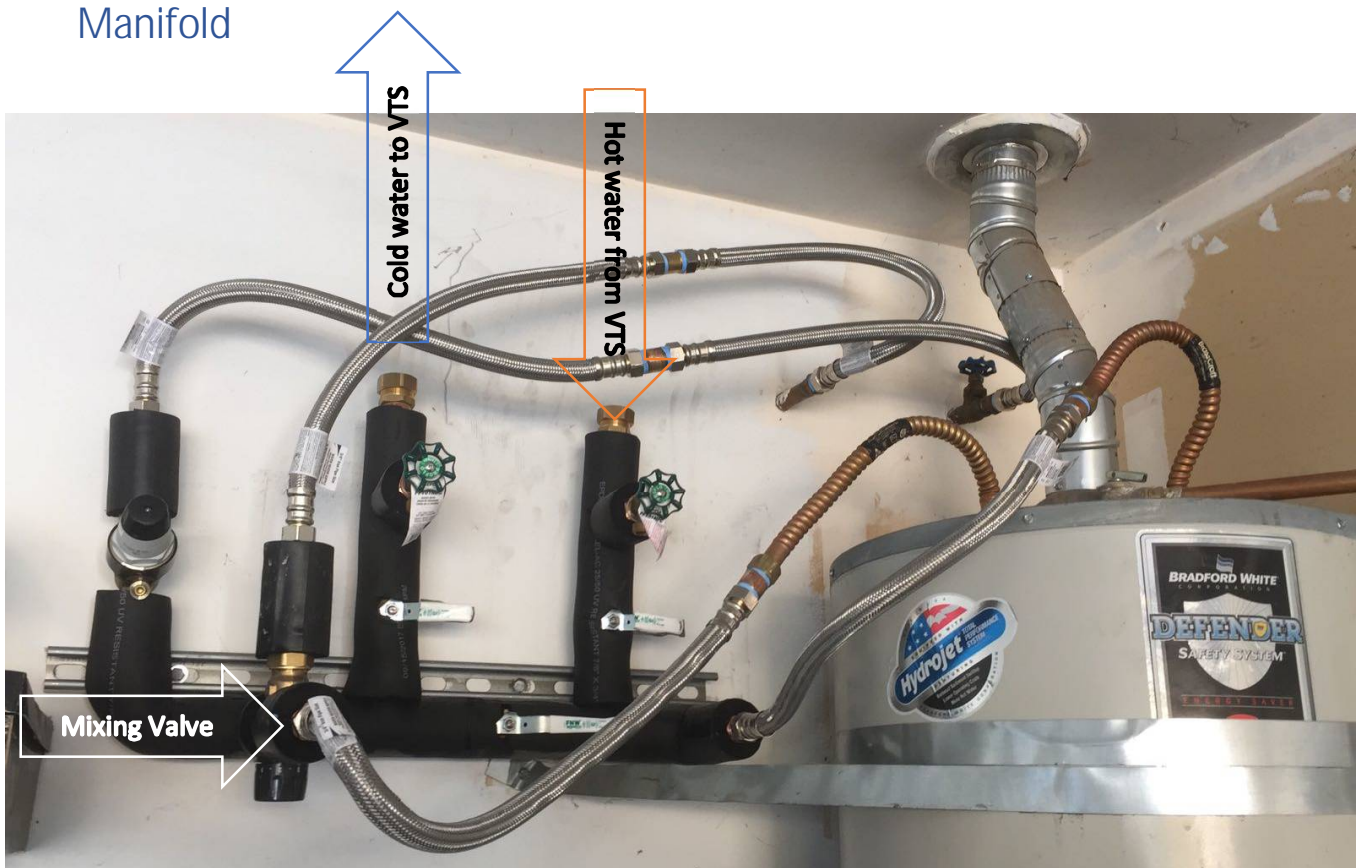
Automatic Air Vent and Pressure Relief Valve



First part is Pressure Relief Valve and its connected to lineset that goes from the hot water tank to the ground. It will open if pressure or temperature is too high and will close later. If this part is broken it can be open not only in overheat situation.

Second part is Automatic Air Vent which prevents from air getting stuck inside the installation.

Manifold



This is how your manifold should look like before its fully connected. It is tied in in way that it allows to fill tank with Hot Water.

Green valves are called Freeze Protection Valves and they should be closed.

Valve in the middle is called Bypass Valve and it should be closed.

Parallel valves are called Solar Valves and they should be open.