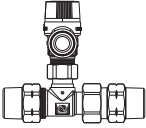
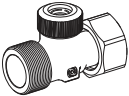
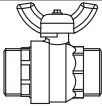
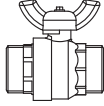
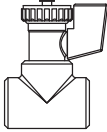
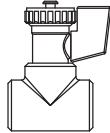
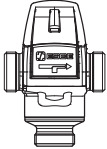

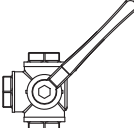




1		<p align="center">COMBINED NON-RETURN/SAFETY VALVE</p> <p>This valve is a pressure release mechanism used in pressure systems. It has a non-return valve integrated. The use of these valves is strictly required due to safety regulations. The safety valve opens at a pressure of 72 psi to reduce excess pressure.</p> <p>⚠ WARNING BURN HAZARD Do NOT touch hot water outlet pipes. Failure to do so can result in severe burns.</p>
2		<p align="center">VENTILATION VALVE</p> <p>This valve ensures that no vacuum is created when draining the water tank. In the event of negative pressure, the ventilation valve automatically supplies the system with air. This ventilation valve must comply with ANSI Z21.22</p> <p>⚠ WARNING BURN HAZARD Do NOT touch hot water outlet pipes. Failure to do so can result in severe burns.</p>
4		<p align="center">COLD WATER SUPPLY ISOLATION VALVE</p> <p>This valve should stay open to allow water from the public water system to fill the GeoSpring Solar System water tank. When this valve is closed, the GeoSpring Solar System and the supplemental water heater are disconnected from the pressurized mains of the public water system.</p>
5		<p align="center">HOT WATER SUPPLY ISOLATION VALVE</p> <p>Keep this valve open to assure that hot water can drain or escape in case of overheating. This valve can temporarily be closed for maintenance purposes.</p>
6		<p align="center">DRAIN VALVE</p> <p>These water heater drains are normally closed and capped. Use these valves to drain the GeoSpring Solar System. Attach a garden hose to both drain valves. Terminate the hoses in either a service basin or an appropriate spot outside the house. Open both water heater drains at once to drain the unit.</p> <p>⚠ WARNING SCALD RISK WATER MAY BE DISCHARGED AT VERY HIGH TEMPERATURES. TO AVOID SCALDING, EXERCISE MAXIMUM CAUTION WHEN DRAINING THE HOT WATER FROM THE GEOSPRING SOLAR SYSTEM. DO NOT POINT HOSE AT PERSONS OR PETS. ALWAYS DISCHARGE THE HOT WATER TO A SAFE PLACE.</p>
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7		<p align="center">THERMOSTATIC MIXING VALVE</p> <p>This valve controls the temperature of the warm water output. According to local standards, the valve must have a scald safe function. Scald safe means that in the case of a cold water failure, the hot water supply shuts off automatically.</p> <p>An ASSE 1017 rated mixing valve to avoid severe burns or death from scalding temperatures IS REQUIRED PER SRCC OG-300.</p>
8		<p align="center">PRESSURE REDUCING VALVE</p> <p>This valve should ensure a constant output pressure of 60 psi independent of the input pressure delivered from any source.</p>
9		<p align="center">3 WAY BALL VALVE</p> <p>This valve provides solar system cold water shut off without interrupting normal cold water service.</p>





Freeze Protection:

32°F for 8 consecutive hours

When these environmental conditions are lower than the stated value, the GeoSpring Solar System must be manually drained in accordance with the Care and Cleaning instructions.

Drain Procedure:

VALVE 4 COLD WATER SUPPLY ISOLATION VALVE

VALVE 6 DRAIN VALVE

Valve 4 is normally open and allows cold water to fill the GeoSpring Solar System. When the valve is closed, the GeoSpring Solar System is isolated from the pressurized cold water supply line piping. To drain the system, open valve 6.

▲WARNING SCALD RISK

WATER MAY BE DISCHARGED AT VERY HIGH TEMPERATURES. TO AVOID SCALDING, EXERCISE MAXIMUM CAUTION WHEN DRAINING THE HOT WATER FROM THE GEOSPRING SOLAR SYSTEM. DO NOT POINT HOSE AT PERSONS OR PETS. ALWAYS DISCHARGE THE HOT WATER TO A SAFE PLACE.



No other fluid shall be used that would change the original classification of this system.
Unauthorized alterations to this system could result in a hazardous health condition.

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