

# Sun Family

## PRESSURE REGULATOR

- Limits incoming water pressure to the system. Set at 70 psi or less.
- **DO NOT** adjust above 70 psi.

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## COLD WATER SHUTOFF

- To service hot water system.
- **OPEN** for normal operation.
- **CLOSE** if hot water system needs service.

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## ISOLATION VALVE

- Allows bypass of solar system from backup water heater.
- **OPEN** for normal operation.
- **CLOSE** for bypass of solar.

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- **CLOSE** for normal operation.
- **OPEN** for bypass of solar.

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## PUMP ISOLATION VALVE

- Allows isolation of the pump from the circulation loop plumbing.
- **OPEN** for normal operation.
- **CLOSE** for isolation.

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- **OPEN** for normal operation.
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## COLLECTOR LOOP DRAIN (INLET)

- Drains water from the collector loop plumbing.
- **CLOSE** for normal operation.

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## COLLECTOR LOOP DRAIN (OUTLET)

- To drain or flush water from the collector and plumbing.
- **CLOSE** for normal operation.

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## COLLECTOR LOOP PRESSURE RELIEF VALVE

- Prevents buildup of excess pressure in the solar collector loop.
- Automatic, non-adjustable, set at 90 psi. If water runs continually from this valve, call dealer for replacement.

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## TEMPERING VALVE

- Blends very hot water with cold to prevent scalding.
- Adjustable. Set to same temperature as water heater thermostats.

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## FLOW METER

- Indicates rate of fluid flow through collector loop in gallons/minute.
- Read top of float when pump is on. Correct flow rate for this system is \_\_\_\_\_ gpm.

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## TEMPERATURE GAUGE

- Measures temperature of water after pre-heating by the solar system.

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## SOLAR SYSTEM CONTROLLER POWER

- **DO NOT UNPLUG** (except to service).

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