



## Direct Series

**The more you use your Sun Pro Solar System,  
the more energy you save.**

Sun Pro Solar Systems provide all your hot water needs for every season, even on cloudy days, by using clean, renewable solar energy. It is the only household appliance to pay for itself several times during its useful life. Sun Pro Solar Systems help save the environment as they save you money. Your energy bills will decline drastically and immediately as you enjoy the comfort of Solar Hot Water every day.

### System Features:

- **Attractive Skylight Collector Design**
- **30+ Year Design Life**
- **10 year limited collector warranty**
- **Electrical Backup**
- **Conforms to all Plumbing, Electrical and Solar Standards.**
- **Exceeds Energy Star Criteria and Delivers maximum credit toward Energy Efficiency Compliance.**



**See the difference...Feel the difference...Make a difference**



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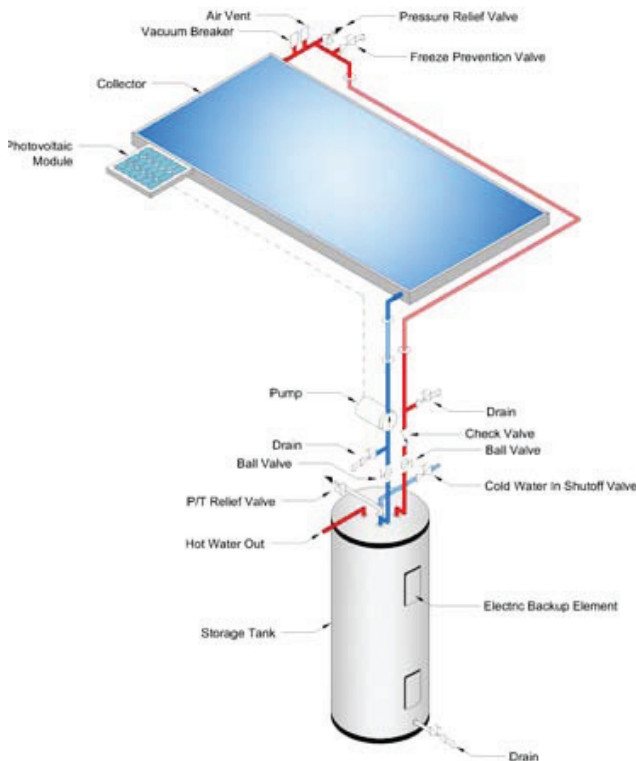
[www.SunProSolarSystems.com](http://www.SunProSolarSystems.com)

## See the difference...Feel the difference...Make a difference

### Direct Series

#### *Suitable for climates not regularly prone to freezing*

The Direct Series systems, commonly found in the Southern United States and Tropical Climates, are referred to as direct because the sun's heat is transferred through the collector directly to the usable waterline; no antifreeze is required. When the sun is shining, a pump circulates water from the bottom of a storage tank through collectors where it is heated, and then returned to the tank for storage and eventual use.



### Direct Series System Features:

- A Differential Control senses temperature differences between water leaving the collector and the coldest water in the bottom of the storage tank. When the temperature of the water in the collector is hotter than the water in the tank, the differential control operates the circulating pump.
- A small photovoltaic solar panel option (which generates electricity from the sun) is available to operate the circulation pump, further reducing traditional energy consumption.
- Freeze protection includes a thermally operated valve installed at the collector (where required) or by manually draining.



Pre-Engineered Systems and American Manufactured Collectors  
by Alternate Energy Technologies.