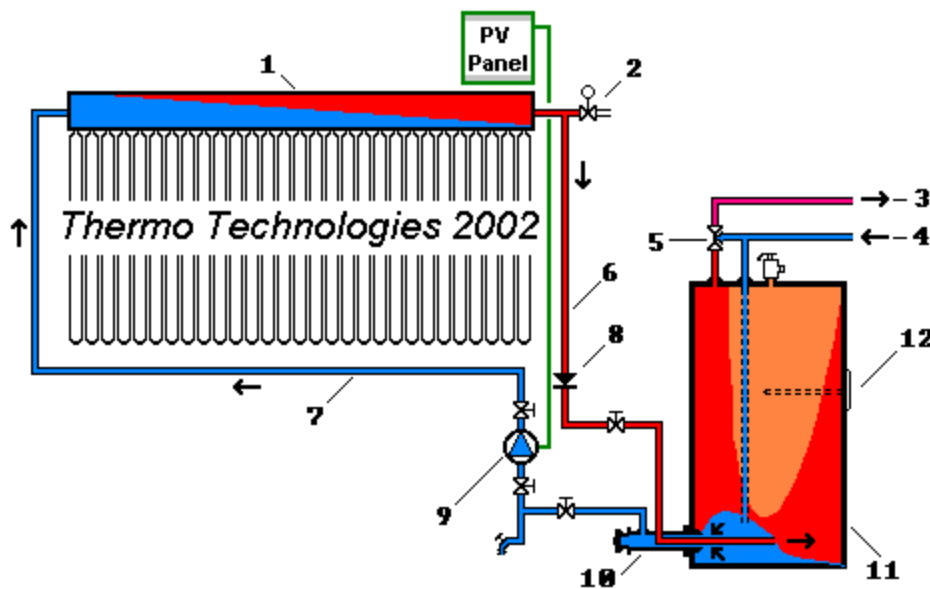


**Miami Package** - Miami Package is suitable for mild and moderate climates. This system is suggested for locations where there is no risk of freezing. Freeze protection can be provided by a freeze protection drip valve (Not included in the package) that will allow water to leak out by the collector at low temperatures introducing warmer water to the collector loop. The system operates at standard 80-PSI line pressure.

- 20 Thermomax tubes
- One 20 Tube Manifold
- One Siemens ST10 (10Watt) Solar PV Panel
- One EI-SID 10PV (10 Watt) Solar Pump
- One Roma Valve



- |                      |                     |                     |                       |
|----------------------|---------------------|---------------------|-----------------------|
| 1. Solar Collector   | 4. Cold Feed        | 7. Collector Supply | 10. Roma Valve        |
| 2. Manual Air Valve  | 5. Tempering Valve  | 8. Non Return Valve | 11. DHW Electric Tank |
| 3. Hot Water to Taps | 6. Collector Return | 9. Circulating Pump | 12. Immersion Heater  |

## Operation

- **City water** enters the storage tank at line pressure, filling the collector through isolation valves and solar pump.
- The **PV Panel** establishes that solar energy is available and turns on the solar pump.
- The **pump** circulates water from the tank to be heated by the collector.
- When **no more** solar energy is available, the pump stops.
- An optional freeze protection drip valve will allow water to drip from the system if the temperature approaches freezing.