

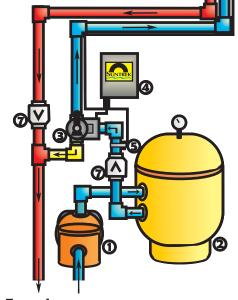
## **Solar Pool Heating Equipment Components:**

- 1. Your Existing Circulation Pump
- Pushes the water through the solar collectors.

  2. Your Existing Pool Filter
  - Cleans the pool water and keeps the solar system free from debris.
- 3. Solar Valve and Motorized Actuator
  Diverts the flow of water to the solar collectors or to the bypass.
- 4. Automatic Solar Control
  Automatically maintains the desired temperature of your pool or spa
- 5. Water Temperature Sensor
  Informs the solar control that the pool/spa either requires
  more heat, or has reached your desired temperature.
- 6. Solar Temperature Sensor(on the roof)
  Tells the Solar Control when solar energy is available.
- 7. Check Values(two)
  Prevents system back flow.
- 8. Vacuum Relief Valve (on the roof)
  Automatically allows the water in the solar collectors to drain back to the pool daily.

Cold Water From The Pool
Warm Water Heated By The Sun
Solar Bypass

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To pool or gas heater