

For Solar Water Heater Systems

Q: What other ways are there to save on water heating bills?

Besides simply using less hot water, and timing solar-heated water use to peak when the solar exposure is at its peak, the following strategies are suggested:

- Wash clothes in cold or warm rather than hot water.
- Wrap extra insulation around the tank and insulate a few feet of the hot water line near the tank.
- Install an automatic timer so that the heating element comes on only during certain hours of the day. This may be cost effective if hot water is needed only for a few hours per day.

In a one-tank solar system, it's a good idea to have the back-up element controlled by a timer or manual on/off switch to prevent it from coming on during the day. This strategy allows the solar system to produce all the hot water without the back-up heater being activated.



300WH10009

Water Heater TIME SWITCHES

For Electric and Solar Systems



SAVE GREEN - BE GREEN!

INTERMATIC®



WH40 TIME SWITCH

According to the Department of Energy, water heating can account for 14%-25% of the energy consumed in your home. You can reduce your monthly water heating bills by selecting the appropriate water heater for your home.

If you have an electric water heater, you can save an additional 5%-12% of energy by installing a timer that turns it off at night when hot water isn't being used or off during your utility's peak demand times.

Contact your electric utility to see if they offer a Demand Management Program. Under this type of program, the utility would offer "time of use" electricity rates that vary according to the demand on the system. Higher rates are charged during peak times and lower rates are charged during off-peak times.

Your utility company may offer an incentive to customers who install control devices that shut off electric water heaters during peak demand periods.

For further information, please visit the Department of Energy's website at:
http://www.energysavers.gov/your_home/water_heating

Energy Savings is Easy with the Intermatic WH40 Water Heater Timer

Basic Usage:

The WH40 turns the water heater OFF during minimal water usage, and turns it back ON when hot water usage resumes.

Simple Scenario:

Set the WH40 to turn the water heater OFF during the hours of 8:00 a.m. to 5:00 p.m. when usage is low; Set the WH40 to turn the water heater ON at 5:00 p.m. when usage is high.

Saves 9 hours of heating time which translates into lower utility bills!

Additional trippers are available for more set points.

Advantages of using the WH40 Water Heater Timer

- The WH40 pays for itself in approximately one year! Begin seeing savings immediately!
- It's easy to set and take advantage of OFF-Peak and ON Peak energy usage.
- A convenient override switch turns the WH40 ON/OFF if needed.

Why pay for hot water when you don't need it?

WH40 Specifications:

- Switch Rating – 40 Amp Resistive
- DPST Switch
- 208-240 VAC
- External override switch

Contact your Intermatic Representative for further information on how to Save Green and Be Green!



Total Installed Cost \$ _____