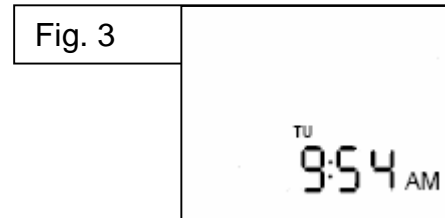
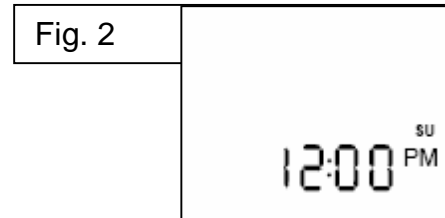


### Step 1. Set Current Time and Day

- a. Press CLOCK  
Only the time and day will appear on the screen (Fig. 2)
- b. Press UP/DN to set the minutes
- c. Press CLOCK again to set the current hour using the UP/DN buttons
- d. Press CLOCK again to set AM/PM using the UP/DN buttons
- e. Press CLOCK again to set the current day using the UP/DN buttons  
See Fig. 3



## Step 2. Learn About Programming Features

Your ShabbHOT Controller allows you to program schedules for both Shabbat and Weekdays.

- During the Weekdays and Weekends, you will want to set the ShabbHOT controller for Energy Efficiency to a lower temperature at night and throughout the day if hot water is not used.
- During Shabbat, you will want the ShabbHOT mode to switch on before sunset in order to reduce the temperature in the tank to the permissible heat.

For the Weekdays, you can set up to four program periods for the Weekdays (Monday-Friday), and four periods for the Weekends (Saturday and Sunday). The program periods are defined in the following table.

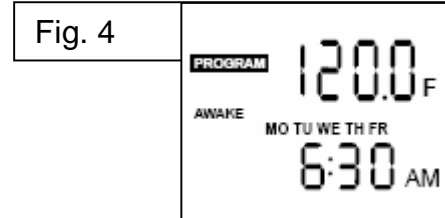
<b>Program Period</b>	<b>Description</b>
AWAKE	The time when you get up and get ready to leave your home. You can set the system at a comfortable temperature to take a shower for this time.
AWAY	The time when you are regularly away from home. You can set up an energy-saving temperature for this period.
HOME	The time between returning home and going to bed. You can set up the water heater at a comfortable shower temperature for this period.
SLEEP	The time when you are sleeping. You can set up an energy-saving temperature for this period.

### Step 3. Program Heating Water Schedule

a. Write in the times and the temperatures that you want to program for your heating schedule.

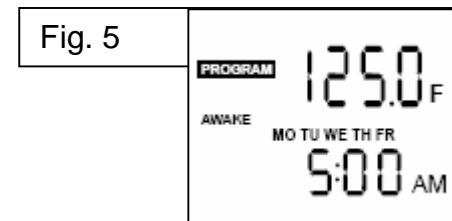
<i>Schedule</i>	<i>Program Period</i>	<i>AWAKE</i>	<i>AWAY</i>	<i>HOME</i>	<i>SLEEP</i>
Weekday (Mon-Fri)	Time				
	Temp				
Weekend (Sat-Sun)	Time				
	Temp				

b. Press the PROG button  
 The current program will appear (Fig. 4)  
 Showing the days it will take action  
 the minutes will blink and ready to be  
 changed by the UP/DN buttons

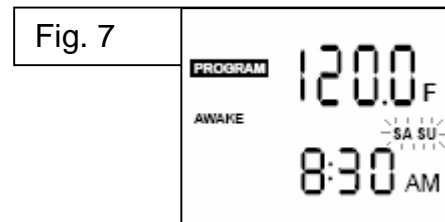
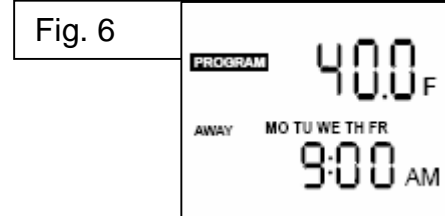


c. Set the time by pressing the TIME button  
 The hours will blink. Press the UP/DN buttons  
 to change the starting hour

d. Set the desired temperature for the period  
 by pressing the TEMP button and using the UP/DN  
 buttons to increase or decrease the desired  
 temperature for the programmed period  
 See example Fig. 5

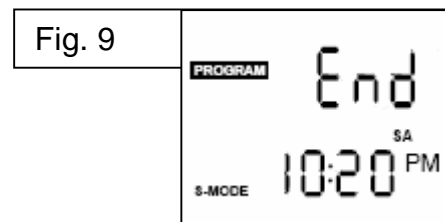
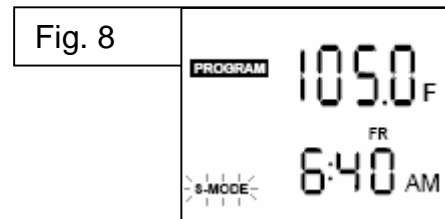


- e. Press the PROG button again to set to the next period (Fig. 6)
- f. Repeat steps **b** through **e** to set all the periods for the Weekdays
- g. After finishing the Weekdays pressing the PROG button again will switch to the Weekend setting (See Fig. 7)
- h. Repeat steps **b** through **e** to set all the periods for the Weekend

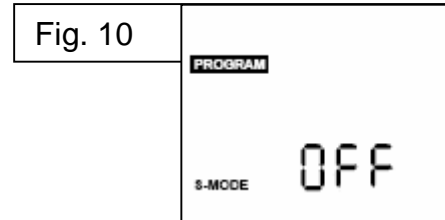


#### Step 4. Setting Up The S-MODE (ShabbHOT-MODE)

- a. Press the S-MODE button  
The background color will change to Amber/Orange
- b. Press the PROG button  
The S-MODE will appear on the screen (Fig. 8)  
Using the UP/DN buttons set the minutes
- c. Press TIME to set the hours using the UP/DN buttons
- d. Press TIME to set AM/PM using the UP/DN buttons
- e. Press TEMP to change the temperature  
*[ATTENTION! At this mode the temperature could NOT be increase higher than 120F]*
- f. Press PROG to set the END time for the ShabbHOT-MODE (See Fig. 9)
- g. Follow steps **c** and **d**



- h. Press PROG to set the ShabbHOT to override automatically once the controller is on AUTO (Fig. 10)
- i. Using the UP/DN buttons switching the controller ON will automatically override the other programming, and a Red LED will light above the S-MODE button



### Override Program Setting

Press the UP/DN button to increase/decrease the temperature as desired, and the controller will switch back at the next period cycle

*ATTENTION! While at S-MODE the controller CAN NOT be override*

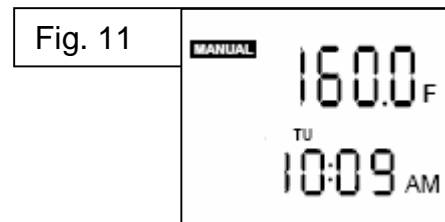
### Check The Current Programmed Temperature

Press the UP/DN buttons once, and the desired temperature will blink on the screen.

### Hold Temperature Indefinitely

Press the AUTO-MAN button, to switch to manual mode

Make sure it says on the screen MANUAL (Fig. 11)



IN ANY CASE THE UNIT DOES NOT FUNCTION CORRECTLY OR SHOWS SOME OF THE ALARM INDICATORS SUCH AS **PROBE ERROR** OR **OVERHEAT** PRESS THE **TIME** AND **TEMP** BUTTONS AT THE SAME TIME TO RESET THE CONTROLLER