Programming Instructions For *Medallion*

® PSG Controls, Inc.

Models

TDMP24-H1	TDMP24-AH11-CB	TDMPS24-AH11-CB
TDMP24-A1	TDMP24-AH11-M3F	TDMPS24-AH22-CB
TDMP24-AH11	TDAP24-AH11-M3F	TDAPS24-AH22-CB
TDMP24-H1-CB	TDMP24-AH22-CB	TDMPHP-AH12-B
TDMP24-A1-CB	TDAP24-AH22-CB	TDAPHP-AH12-B
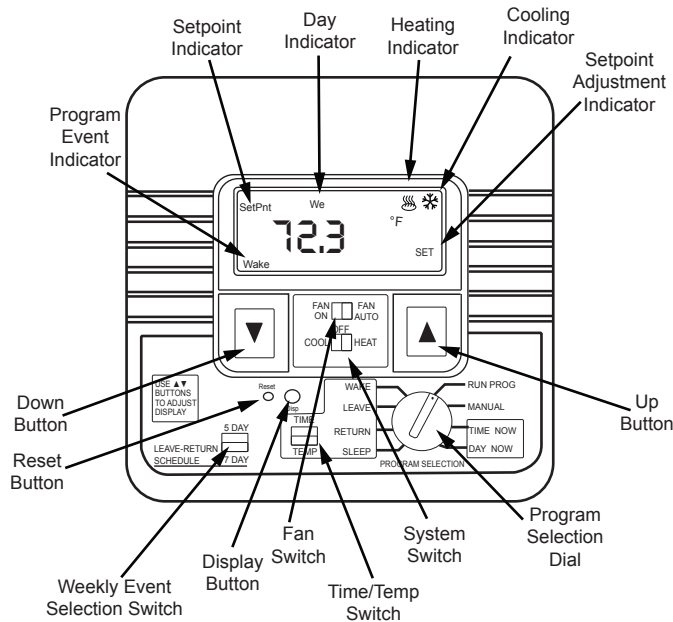
Selecting Method of Operation

1. Open the hinged cover. Notches directly left or right of ▲ and ▼ buttons on edge on control.
2. Rotate the PROGRAM SELECTION dial to RUN PROG to run the energy saving program or to MANUAL for single setpoint operation.

Programming Instructions

Programming your Energy Saving Thermostat:

1. Open the hinged cover.
2. Select a Heating or Cooling schedule. You should write down your desired WAKE-LEAVE-RETURN-SLEEP times and HEAT/COOL temperatures for each event. Times and temperatures for heating and cooling are independent and may be programmed and reprogrammed at any time. Factory default heating and cooling programs are already stored in the thermostat - right out of the box. If you do not reprogram it yourself, the unit will run these default program(s) - refer to the default schedules shown here.

WAKE	at 6:00AM	HEAT at 70°F and COOL at 78°F
LEAVE	at 8:00AM	HEAT at 62°F and COOL at 85°F
RETURN	at 6:00PM	HEAT at 70°F and COOL at 78°F
SLEEP	at 10:00PM	HEAT at 62°F and COOL at 82°F

NOTE: To maximize Energy Savings, please take into consideration the amount of time it takes for the house to warm up or cool down for comfort levels. Example: Set ARRIVE time for 15 or 30 minutes before you normally arrive so the house is at your comfort level when you get home. Write your schedule here:

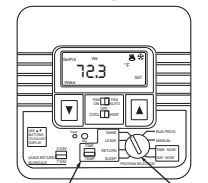|			
WAKE	at _____AM	HEAT at ___°F and COOL at ___°F
LEAVE	at _____AM	HEAT at ___°F and COOL at ___°F
RETURN	at _____PM	HEAT at ___°F and COOL at ___°F
SLEEP	at _____PM	HEAT at ___°F and COOL at ___°F

To Program the four (4) program events:

1. **Set Dial to WAKE.**
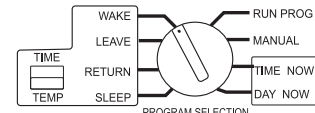
Slide TIME-TEMP switch to TIME.

Using the ▲ and ▼ buttons, set your wake time. Clock advances in 15 minute intervals, by holding down ▲ or ▼ button time will advance rapidly.

TIME/TEMP   Dial

Now set the WAKE Heat & Cool Temperatures.
   a) Set TIME-TEMP switch to TEMP.

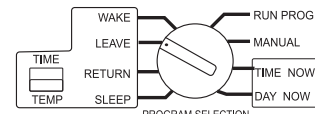   b) Slide System Switch to HEAT, press ▲ or ▼ button to set temperature.

   c) Slide System Switch to COOL, press ▲ or ▼ button to set temperature.
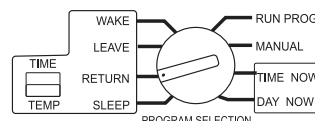
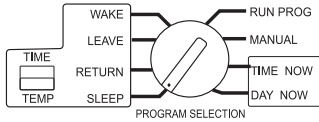2. **Turn Dial to LEAVE**
   Follow Step 1 above.

3. **Turn Dial to RETURN**
   Follow Step 1 above.
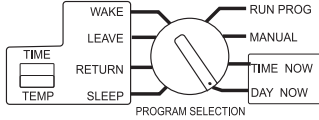
4. **Turn Dial to SLEEP**
   Follow Step 1 above.

Daily event programs are now set. The program will remain permanently in its memory until you change it. Power failure WILL NOT erase the program.
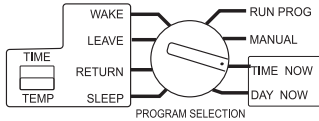
5. **Set the Current Day**
   Turn Dial to DAY NOW press ▲ or ▼ button

6. **Set Time of day:**
   Turn Dial to TIME NOW press ▲ or ▼ button. By holding down button time will advance rapidly.


7. Choose 5 DAY or 7 DAY on the LEAVE-RETURN SCHEDULE switch which best suits your weekly lifestyle. The 5 DAY Schedule recognizes 4 distinct times for each day, Monday thru Friday. They are WAKE, LEAVE, RETURN, and SLEEP. The distinct times for the weekend are only WAKE and SLEEP.
   The 7 DAY schedule recognizes the same 4 schedule times each day of the week - Mon thru Sun. Use the 5 DAY - 7 DAY switch to select your schedule preference.

Programming & Operation Tips

Holiday, Vacation Settings
For a period that goes beyond event times. Turn the Dial to MANUAL and set the temperature to your desired setting by pressing ▲ or ▼ buttons. When you return, turn the Dial to RUN PROG.
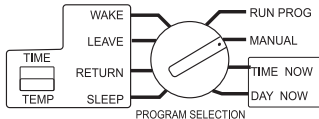
### Overriding the Current Program Setting
Just press ▲ or ▼ button to change the setting. When the next event occurs the setting will return to the program set points.

Technical Hotline: 1-800-523-2558

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9510-1018
11/24/03

Display Button
There are two (2) display options.
 a) Actual Room Temperature, set point and time of day will alternately display.
 b) Actual room temperature is only displayed.
To change the display press DISP button.
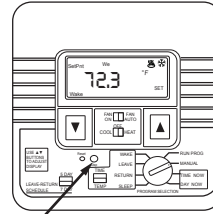
Disp Button

Special Model Notes

• **For Auto Change-over Models:**
   TDAP24-AH22-CB   TDAPHP-AH12-B
   TDAPS24-AH22-CB

   Auto Change-over
   To place the control in Auto Change-over model, slide system switch to AUTO.
   To change or adjust setpoints, slide system switch to HEAT or COOL, adjust setpoint and switch back to AUTO.

• **For Models with ServiceWatch®**
   TDMPS24-AH11-CB
   TDMPS24-AH22-CB
   TDAPS24-AH22-CB

   Outdoor Temperature Display
   Press the Outdoor Temp button at any time to read the current outdoor temperature.

   Outdoor Temp

   If the Outdoor Temperature Sensor has not been installed the display will show "- - -". Contact your contractor for installation. (Outdoor Temperature Sensing is NOT required for your system to operate properly.

   ServiceWatch® Alert
   If a phone number appears in the display it means that it is time to call your maintenance contractor for routine system tune up or filter change. Simply dial the number shown on the display. The display will also indicate ❄ if cooling system or ♨ if heating system checkout is suggested. The word "FILTER" will appear to indicate that a filter cleaning or replacement is suggested. When the checkup or maintenance is completed the contractor will reset the ServiceWatch® function. The ServiceWatch® Alert display may be overridden temporarily by simply pressing either ▲ or ▼ button. The alert will reappear for 1 minute, 4 times EVERY hour until it is reset.

• **For Models with Batteries:**
   TDMP24-H1
   TDMP24-A1
   TDMP24-AH11
   Battery Replacement Indicator
   If "Lo Batt" appears in the display it means that the batteries require replacement. Two fresh "AA" alkaline cells are needed. Press down on the top center of the cover and hinge forward. Remove old batteries and replace immediately with new ones. Time of day may need to be corrected but all other programming will remain in place.