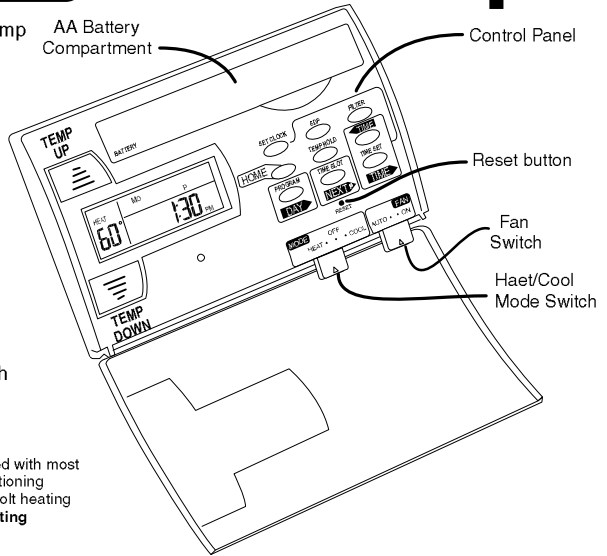
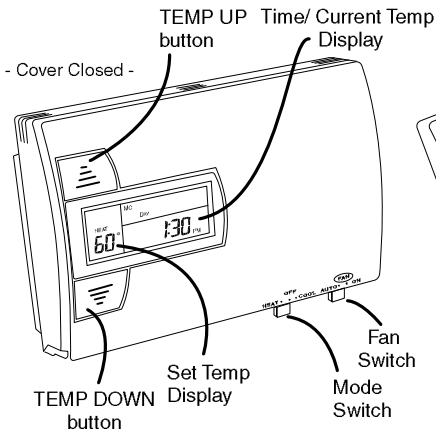


Operation 8022

ritētemp



Statement of use: The GPMG8022 can be used with most 24 volt gas, oil or electric heating and air conditioning systems, single-stage heat pumps or gas millivolt heating systems. It cannot be used with 120 volt heating systems or multistage heat pumps.

PG 1

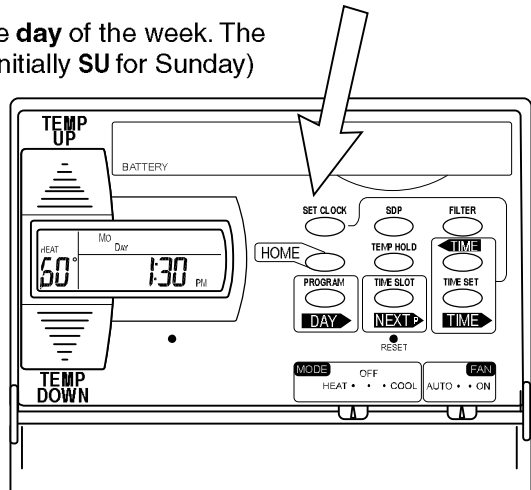
1 Set Clock

Set day of the week -

- Press SET CLOCK *once* to set the **day** of the week. The day of the week display flashes. (Initially **SU** for Sunday)
- Press ◀ **TIME** or **TIME** ▶ to select the day.
- Press HOME to store your settings.

Set time of day -

- Press SET CLOCK *twice* to set the **time**. The time display will flash.
- Press ◀ **TIME** or **TIME** ▶ to set the time. Press and hold to set the time in the fast mode.
- Press HOME to store your settings.



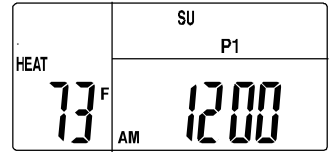
PG 2

2 Auto-run

This Thermostat comes preprogrammed with an Energy-Star™ approved program. This program is recommended by the EPA for energy efficiency.



We strongly recommend that you Auto-Run this program for one week, and see if it works for you. If it does not fit your needs you can always input a custom program.



- To Auto-Run the Energy-Star™ program, select HEAT or COOL with the mode switch. The unit is now running the Energy-Star™ program.
- The clock and the ambient temperature are displayed on the right. They alternate every 2 seconds. One of the TIME SLOT icons P1/P2/P3/P4 comes on, this indicates the TIME SLOT active in the Energy-Star™ program.
- The programmed temperature is shown on the left. For program details refer to the Energy-Star™ program chart below.

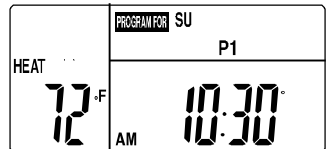
HEAT	P1	P2	P3	P4	COOL	P1	P2	P3	P4
All Days	6:00am 70°F	8:00am 62°F	6:00pm 70°F	10:00pm 62°F	All Days	6:00am 78°F	8:00am 85°F	6:00pm 78°F	10:00pm 82°F

PG 3

3 Program

NOTE: 15 Second Rule-During programming, if a button is not pushed within 15 seconds, the unit will go out of the set mode. If this occurs, just push the PROGRAM button again and continue. No data will be lost.

- **Select HEAT with the HEAT/Cool MODE switch.**
- **Select the day you want to program:** Press the PROGRAM to enter programming mode. The PROGRAM FOR icon will come on. The day icon will show SU (Sunday). Press **DAY** again to advance the day selection.



- **Select the TIME SLOT you want to program:** To change the TIME SLOT (P1, P2, P3, P4) press the **NEXT** button. The display will cycle through the time periods in sequence. Select P1.
- **Select the desired temperature for that TIME SLOT :** To change the temperature for that TIME SLOT press the TEMP UP / TEMP DOWN buttons.

PG 4

3 Program cont.

- **Select the time of day you want that TIME SLOT to represent:**

To set the time when P1 will begin , press the **◀TIME** or **TIME▶** buttons to move the set point forward or backward in time.

- **Select the next TIME SLOT and program temp and time:**

Press **NEXT▶** the display will show **P2**, for Period 2. Repeat setting temp and time. Select the remaining TIME SLOT's, **P3** and **P4**. Program their temp and time info.

- Repeat the above procedures for each day of the week. Note - weekdays are programmed as a block, shown as **MOTU WETH FR** on the display. Push **DAY▶** button to cycle through the days.
- To program an alternate or "Special Day" program, that you can access at any time, press **DAY▶** until **PROGRAM FOR** for **SDP DAY** is displayed. Repeat the procedure above to program temp settings for the Special Day.

When finished with your custom program, either wait 15 sec or press **HOME** to save and run your program.

PG 5

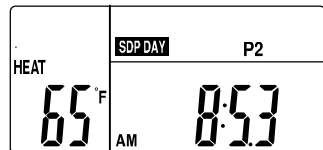
3 Program cont.

To program for cooling, select **COOL** with the Heat/Cool MODE switch and repeat the above procedure.

4 Special Features

SDP

- The "Special Day Program" can be used when you are unexpectedly home and need to activate this heat / cooling program just for the day.
- With the MODE switch in **HEAT** or **COOL** press the **SPECIAL DAY** button to activate.
- When the **SPECIAL DAY** Program is active, all other day settings are all ignored even if the day is matched.
- The **SPECIAL DAY** program will terminate when the mode switch is moved or if the **SPECIAL DAY** button is pushed again.

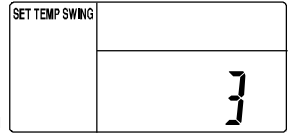


PG 6

4 Spec. Featr. cont.

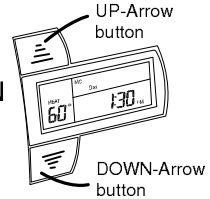
Swing

- Swing setting determines the temperature difference from ON to OFF that the thermostat will command the heating/cooling system to run.
- With the MODE switch in HEAT or COOL, press the **◀TIME** button.
- The **SET TEMP SWING** icon is displayed. The current setting of temp swing is shown on the display (default at 3).
- To change the swing, push **TEMP UP** or **TEMP DOWN** buttons. The furnace will cycle more at the lower numbers as it tries to keep your set point constant. To complete the swing setting, push the **HOME** button.



Manual

- With the MODE switch in HEAT or COOL, push the UP or DOWN arrow buttons to temporarily change the control temperature by 1 degree per step. Press and hold for faster setting.
- The **OVERRIDE** icon comes on which shows the displayed temperature may be different from the programmed setting.
- The **OVERRIDE** is canceled at the start of the next time period, or when the MODE switch is moved, or if **TEMP HOLD** is pressed *twice*.



PG 7

4 Spec. Featr. cont.

TEMP HOLD

To change and hold the temperature until you return.

- Open the door and push the **TEMP HOLD** button. The **HOLD** icon comes on. Push the UP or DOWN arrow buttons to set the hold temperature.
- **HOLD** is canceled if the MODE switch is moved, or press **TEMP HOLD** again.

Filter

The life of a heater filter varies depending on many factors, furnace run time, and this will vary from the filter life noted on the filter media.

- **The 8022 has a feature that keeps track of actual furnace run time and helps you periodically replace your system's air filter.**
- Press the **FILTER** button once to review the current filter record. The **FILTER** and **HR** icons come on with accumulated filter hours being displayed.
- Press **◀TIME** to clear the record. Press again to recover the previous record.
- To see the filter limit setting, press and hold the **FILTER** button for two seconds.
- To change the filter limit hours setting, press **◀TIME** or **TIME▶**. Press and hold for faster setting. The filter limit can be set within 000-500 hours.
- To leave the filter display, press **HOME** or wait 15 seconds.

PG 8

Lock

Allows you to lock the Program (to prevent any changes in custom settings)

- To enable or disable the program lock, press the following buttons one at a time, in this sequence.
- TIME** then **FILTER**, then **SET CLOCK**, and last **HOME**.
The LOCK icon (a key) appears when the system is locked.



Low Battery

- When the batteries are low, the battery icon will come on and flash. The two AA Batteries in the unit need to be replaced. In some installations your heater system will stop functioning when the thermostat loses power. **Replace batteries as soon as you see this warning.** The thermostat programs will remain for 60 seconds while the batteries are removed and replaced.
- Do not take longer than 60 sec to change the batteries in your unit or you will lose all custom settings and all programming. Only the Energy-Star™ program will remain. Once the batteries are replaced, the system will return to normal in 2 seconds.

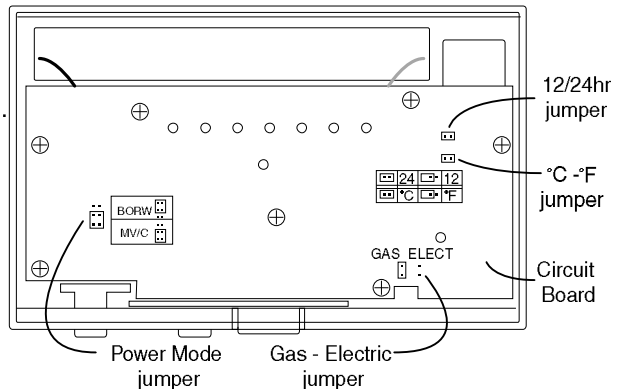


PG 9

C or F display

- Centigrade / Fahrenheit selection. The C/F jumper is on the back of the thermostat control unit. Separate the control unit from the wall mounted terminals. When changed, the thermostat must be reset to activate the change.
- When resetting, all custom settings and programming will be erased and only the Energy-Star™ program will remain.

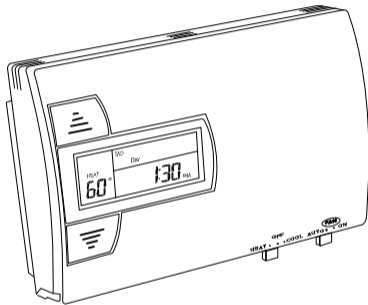
Rear View of control unit



12/24 hour

- The thermostat can display time in 12 or 24 hour formats. The 12/24 jumper is on the back of the thermostat (see illustration).
- When changed, the thermostat must be reset to activate the change.

PG 10



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