Operation 8030

ritëtemp®

Time of day
Day
Time Slot
Touch Screen
Current Room Temperature
Target Temperature
Program button
Menu button
Reset button
Fan Switch
Mode Switch
Thermostat Mode

Statement of use: The GPMG8030 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.**
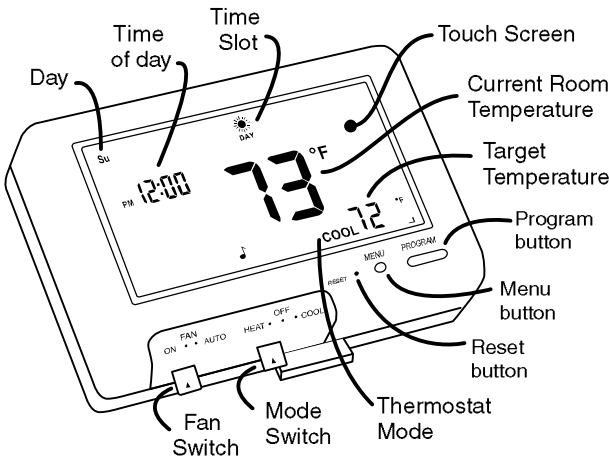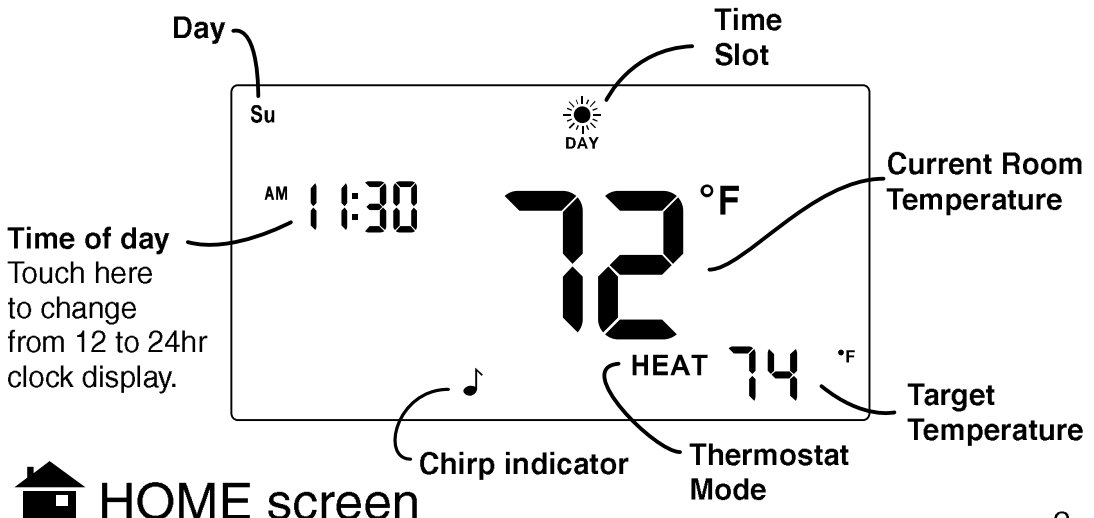
Using a TOUCH SCREEN

Please take a moment to try out your touch screen itself.

To select a function on the touch screen, place your finger on the main temp display and give a short firm push. Try a "tap" of the finger or stylus. Your input must last long enough for the system to determine it is not an accidental 'bump'.

Using the stylus is more comfortable for some users. Again allow the system enough time to recognize your inputs. When you are comfortable with touch inputs, proceed.

Basic Screens

The **MODE SWITCH** of the 8030 must be in the **HEAT** or the **COOL** position to access all control functions. The 8030 Thermostat has 3 basic screens.
The **HOME** screen is displayed when unit is operating your system.
Touching the 🏠 will always return you to this screen.

Day
Time Slot
Current Room Temperature
Time of day
Touch here to change from 12 to 24hr clock display.
Chirp indicator
Thermostat Mode
Target Temperature

🏠 HOME screen

MENU screen

Displayed when the MENU button is pressed from the HOME screen.

1 Set Day
Touch this area to set the day of the week.

Lock Program
Touch for 5 sec to lock or unlock

2 Set Time
Touch this area to set the time of day.
Left arrow goes back, right arrow goes forward.

Su

AM
PM ┃ ┃ : ┃ ┃

°F

FILTER SWING

♪

Filter Timer set

Temperature Swing set

Chirp set
Touch this to turn the audible chirp on or off.

Set °C - °F **3**
Touch this to set temperature display.

PG 3

PROGRAM screen

Displayed when the PROGRAM button is pressed from the HOME screen.

Set Program Day
Touch this area to set the day of the week you want to program Target Temps for.

Set Time Slot
Touch this area to set the Time Slot you want to program.

Return HOME
When programming is complete touch this to run your program.

Set Program Time
Touch this area to set the time of day you want each time period to start.
Left arrow goes back, right arrow goes forward.

Su

MORN

AM
6:00

COPY REVIEW

74 °F

TEMP

HEAT

Copy
Touch this area to copy current program to the next day

Review
touch this area to auto cycle through your program

Temp Up / Temp Down
arrows. Touch these to raise and lower each Target Temp.

PG 4

1 Configure

NOTE: The Mode Switch must be in **HEAT** or **COOL** mode to configure.

- **Press MENU to configure the thermostat** (from HOME screen).
- **Set day of the week** -
  Su Mo Tu We Th Fr Sa
  Touch the **Day of the week** area to cycle through the days of the week to select the current day.

- **Set time of day** -
  Touch the **Time of Day** arrows to move the time selection forward or backward until it displays the current time. Touch and hold for faster setting.

  AM **11:86**
  Backward Forward

- **Set °C -°F display**
  Touch the °F and it will toggle to °C.

  °F
  °C

- **Set audible chirp** -
  Touch the the musical note icon to select the chirp or no chirp.

- **Return HOME by touching the home icon.**

PG 5

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 is displayed on the left. The ambient temperature is displayed in the the center of the LCD touch screen. The TIME SLOT icon indicates the TIME SLOT active in the Energy-Star™ program.

- The programmed temperature is shown on the lower right. For program details refer to the Energy-Star™ program chart below.

HEAT	MORN	DAY	EVEN	NITE	COOL	MORN	DAY	EVEN	NITE
	6:00am	8:00am	6:00pm	10:00pm		6:00am	8:00am	6:00pm	10:00pm
All Days	70°F	62°F	70°F	62°F	All Days	78°F	85°F	78°F	82°F

3 Program

NOTE: **60 Second Rule-During** programming, if a button is not pushed in 60 seconds, the unit will return to the home screen. Everything you have changed while programming will automatically be saved.

- **Press PROGRAM to go to the programming screen.**
- **Select HEAT with the HEAT/Cool MODE switch.**

Su Mo Tu We Th Fr

Select the day you want to program-
- Touch the **Day of the week** area to cycle through the days of the week to select the desired day.

Select the time slot you want to program -
- Touch the **Time slot** area to cycle through the 4 time slots, until it displays the desired time slot.
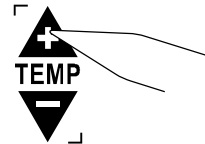
MORN   DAY   EVEN   NITE

Select the time of day -
- Touch the **Time of Day** arrows to move the time selection forward or backward until it displays the desired time.

AM ◄ 1:88 ►

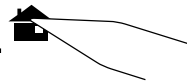Backward Forward

PG 7

3 Program cont.

Select the desired temperature -
- Touch the **UP temp / Down temp** arrows.

TEMP

Repeat the above procedures for each day of the week and each time slot of the day as desired.

- **To REVIEW** your program touch **REVIEW.** Each time slot for each day or set of identical days, will be displayed every 3 seconds.

- **Return HOME by touching the home icon.**

To COPY the program from the current day to another day - COPY
- Touch **COPY** on the program screen. The current day will remain solid, the destination day will flash.
- Touch the day area to advance the day and select a copy destination.
- Touch COPY again to copy all settings to the destination day.

Su Tu

To program for cooling -
- Select COOL with the Heat/Cool MODE switch and repeat the above procedure.
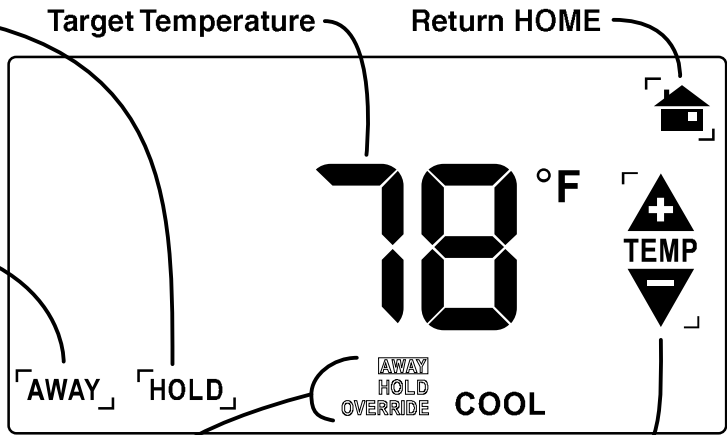
PG 8

The 8030 has 3 manual override commands. These are accessed by touching the Current Temp Display at the HOME screen (center of screen).

HOLD
Touch this area to set a comfortable target temp for the system to hold until you return and remove **HOLD.**

AWAY
Touch this area to set an energy efficient target temp while you are away. Touch **AWAY** again when you return.

Target Temperature

Return HOME

78 **°F**

TEMP

AWAY **HOLD**

AWAY
HOLD
OVERRIDE **COOL**

Manual Override indicators
Shows which manual override you have selected.

Temp Up / Temp Down arrows
Touch these to raise and lower the manual override Target Temp.

MANUAL override screen

Manual cont.

NOTE: The Mode Switch must be in **HEAT** or **COOL** mode to override.
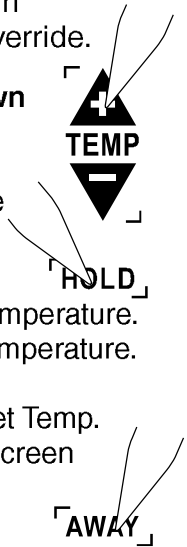
Temporary **OVERRIDE** -
• At the Manual override screen, Touch the **Temp Up / Temp Down** arrows to select your desired temporary Target Temperature.
• Touch HOME to return to operation.
  The OVERRIDE icon will go on indicating you have modified the Target Temp for the current Time Slot only (see PG9-Time Slot).

TEMP

HOLD -
• At the Manual override screen, Touch HOLD to initiate a hold temperature.
• Touch the **Temp Up / Temp Down** arrows to select your hold temperature.
• Touch HOME to return to operation.
  The HOLD icon will flash indicating you have changed the Target Temp.
  The system will HOLD this temperature until you return to this screen and *de-select* HOLD, by touching the HOLD icon again.

HOLD

AWAY - Energy Efficient Pre-set -
• At the Manual override screen, touch **AWAY** to initiate the away temperature.
• HEAT 45F or COOL 90F will be displayed, you can modify this temperature.
• Your system is in AWAY mode. Touch HOME to return to operation.
  The **AWAY** icon will flash indicating you have changed the Target Temp.
  The system will maintain the **AWAY** temperature until you return to this screen and *de-select* **AWAY,** by touching the AWAY icon again.

AWAY

4 Special Features

Swing

- Swing setting determines the temperature difference from ⌐SWING⌐ ON to OFF that the thermostat will command the HVAC system to run.
- With the MODE switch in HEAT or COOL, press the **MENU** button.
- Touch the **SWING** icon and the current setting of temp swing is shown on the display (default at 3).
- To change the swing, touch the left or right arrows. The furnace will cycle more at the lower numbers as it tries to keep your set point constant.

◄   **3**   ►

Filter

The 8030 has a feature that keeps track of actual furnace run time and reminds you to periodically replace your system's air filter.
- Press **MENU (from HOME screen)** and touch **FILTER** icon. This will display your accumulated filter run time. ⌐FILTER⌐
- To input a new filter life time, touch the **FILTER** icon for 3 seconds.
- Input the lifetime hours for your new filter.
- To zero the filter timer for a new filter, touch the accumulated time display.

◄ **250** ►   PG 11

- To leave the filter display, touch **HOME**

4 Spec. Featr. cont.

Lock

Allows you to to prevent any changes in custom settings.
- To lock, touch the LOCK icon on the MENU screen for 5 sec.
- To unlock, Touch the locked icon for 5 sec.

Low Battery

LOW BATT

- 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 changed.
- **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.

12/24 hour

- The thermostat can display time in 12 or 24 hour formats. At the HOME screen touch the time display to toggle from 12 to 24 hr display.