



## PBU 2 Degrees 2 Save Thermostat User Manual

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# PBU

2 Degrees 2 save™ Program  
Quick reference guide



Your installer programmed your thermostat to suit your air conditioning and heating needs. This Quick Reference Guide makes it easy for you to change your thermostat settings.



Our Customer Service Representatives will guide you through the process of programming your thermostat and with any questions you may have about your participation in the program.

2 Degrees 2 save™

Hot Line 888-267-6609

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## Thermostat settings

### Setting Current Time and Day

The clock should never require adjustment since it automatically updates for daylight-saving time and stores all date/time information. Should the time and date need to be reset after a power failure, this is an indication that the battery needs to be replaced. To manually set the current time display:

1. Press CLOCK, then press ▲ or ▼ t to adjust the time. (Press and hold ▲ or ▼ t to advance the time more quickly.)
2. Press DONE to save and exit (or press CANCEL to exit without changing the time).

### Programming or Changing settings for Heating and Cooling

There are five (5) system modes. Press the SYSTEM button to select one of the following, then press DONE. Pressing the SYSTEM button successively will toggle the thermostat from one mode to the next.

- HEAT: Thermostat controls only the heating system.
- COOL: Thermostat controls only the cooling system.
- OFF: Heating and cooling systems are off.
- AUTO: Thermostat automatically selects heating or cooling depending on the indoor temperature.
- EM HEAT (only for heat pumps with auxiliary heat):

Thermostat controls emergency and auxiliary heat.

It's easy to program your system for maximum energy savings. You can program four time periods with different settings. Times can be programmed in 15-minute increments.

1. Press SCHED, then press EDIT.
2. Press day buttons to select day(s).
3. Press s or t to set WAKE time for selected day(s).
4. Press s or t to set HEAT and COOL temperature for this time period.
5. Press other time periods (LEAVE, RETURN, SLEEP) to set time and temperatures for each.
6. Press DONE to save and exit (or press CANCEL to exit without saving changes).

**NOTE:** You can press CaNCeL PeRIOD to eliminate any unwanted time period.

### Changing Your Fan Control

Press FAN to select fan operation, then press DONE.

- ON: Fan is always on.
- AUTO: Fan runs only when the heating or cooling system is on.
- CIRC: Fan runs randomly, about 35% of the time, not counting any run time with the heating or cooling system.

You can press FAN to override the fan settings you have programmed for different time periods. If you select ON or CIRC, the setting you select remains active until you press FAN again to select AUTO.

### **Temporary setting Changes**

The thermostat enables you to temporarily change your settings without losing any pre-programmed schedules. Press s or t to immediately adjust the temperature. This temporarily overrides the temperature setting for the current time period.

The new temperature is maintained only until the next preprogrammed time begins.

For example, if you want to turn up the heat early in the morning, it will automatically be adjusted later, according to the pre-programmed schedule.

To cancel the temporary setting at any time, press CANCEL or SCHED. The pre-programmed schedule resumes.

### **Permanent setting Changes**

The thermostat enables you to temporarily change your settings without losing any pre-programmed schedules.

Press s or t to immediately adjust the temperature.

This temporarily overrides the temperature setting for the current time period and when followed by pressing HOLD,

permanently adjusts the temperature.

Pressing HOLD turns off the program schedule, but the program settings are retained and can be resumed by pressing CANCEL or SCHED to cancel HOLD and reactivate the pre-programmed schedule.

### **Clean the screen**

1. Press SCREEN to go to the cleaning screen.
2. Press OK to lock the screen for cleaning. The screen remains locked for 30 seconds so you can clean the screen without changing any settings.
3. Do not spray any liquid directly on the thermostat.  
Spray liquids onto a cloth, then use the damp cloth to clean the screen. Use water or household glass cleaner. Avoid abrasive cleansers.
4. After 30 seconds, press CANCEL to resume normal operation, or press OK if you require more time for cleaning.

## **Online access**

### **Program Your Thermostat Online**

To begin, go to: [www.2degrees2save.org](http://www.2degrees2save.org). The first screen you will see is the login screen.

### **User ID and Passwords**

The default User ID is your BPU account number.

The default Password is the serial number for your thermostat. That number can be found on the work order the installer left at the time of installation or on the bottom of the thermostat. Please allow up to three days after your thermostat is installed for us to have your information accessible online.

To reset your User ID and Password after your initial login, click on CHANGE LOGIN at the bottom left of the screen. BPU personnel do not have access to your User ID and Password once it has been changed. For future reference, record your User ID and Password in the following space:

User ID	PassWOrD

### **Change Thermostat settings Online**

1. On the left side, under Thermostat, click on your serial number to see the drop-down menu. If you have more than one thermostat installed, all of the serial numbers will be listed. Each one can be programmed individually.
2. Click on SCHEDULES in the drop-down menu. The Last Schedule Sent from the web interface will appear at the top of your screen.

## Create a New schedule

1. Click on CREATE.
2. Select one of the scheduling options. Then click on NEXT.
3. Click in the name field, and type the name you wish to use for the schedule (e.g., Normal or Vacation).

**NOTE:** The web interface is a one-way communication feature and does not display current settings or temperatures at the thermostat, only the settings last sent through the interface (i.e., thermostat settings will not match Last schedule sent if someone has manually changed the settings on the thermostat itself). edit a Current schedule

You also have the option to go back and edit your previously programmed schedules (e.g., change settings, times, or even copy entire schedules).

1. On the left side, under Thermostat, click on your serial number to see the drop-down menu. If you have more than one thermostat installed, all of the serial numbers will be listed. Each one can be programmed individually.
2. Click on SCHEDULES in the drop-down menu. The Last Schedule Sent from the web interface will appear at the top of your screen.
3. Click on EDIT below the schedule you want to change (e.g., your Last Schedule Sent).
4. Follow Steps 2-5 from Create a New Schedule for each thermostat schedule.

## Manual Program

The web interface also enables you to temporarily change your thermostat settings without losing any preprogrammed schedules.

1. On the left side, under Thermostat, click on your serial number to see the drop-down menu. If you have more than one thermostat installed, all of the serial numbers will be listed. Each one can be programmed individually.
2. Click on MANUAL in the drop-down menu.
3. You have two Hold options:
  - a. Temporary Hold – Press s or t to select the new temperature you want until the next pre-programmed change in your schedule. This creates a Temporary Hold, which will appear on your thermostat screen after the signal is received.
  - b. Permanent Hold – Press s or t to select the new temperature you want. Click on HOLD to maintain this temperature. This creates a Permanent Hold until you click RUN PROGRAM, which will cancel the Permanent Hold setting and return to your preprogrammed schedule.
4. Adjust MODE and FAN settings.
5. Click on SEND to send these settings to the thermostat.

Allow approximately five minutes for the thermostat to receive these settings.

6. To return to your pre-programmed schedule, click on RUN PROGRAM.

**NOTE:** The web interface is a one-way communication feature and does not display current settings or temperatures at the thermostat, only the settings last sent through the interface (i.e., thermostat settings will not match Last schedule sent if someone has manually changed the settings on the thermostat itself).

## Opting Out of a Cycling event

You may choose to not participate in a cycling event once per month. To opt out on a certain date, you may call the BPU hotline or access the BPU website.

1. On the left side, under Programs click OPT OUT.
2. Type or select the date you wish to opt out.
3. Click SUBMIT.

Your opt-out date will appear on the Home page. view Cycling History

You may see when BPU has cycled your air conditioner(s) since installation of the thermostat(s).

1. On the left side, under Programs select CYCLING HISTORY. This will display the current day's cycling data, if applicable.
2. Click VIEW COMPLETE HISTORY to see all the cycling data since installation.

For more information about this program, go to: [www.bpu.com/2d2s](http://www.bpu.com/2d2s)

## Documents / Resources



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