



Tips on Saving Energy and Operation of the peakSaver Thermostat

Thank you for participating in the peakSave program. Your new peakSaver thermostat may be programmed to raise and lower temperatures at different times of the day. Thermostats work like a light switch. They turn your furnace or air conditioner on or off according to room temperature. The peakSaver thermostat does not control how well your furnace or A/C performs. Air conditioners and furnaces both have many parts that allow them to operate, some moving, some electronic. Like any other household appliance or product, they need periodic service by qualified service technicians. This ensures they will work efficiently and last a long time. You can do some of your own maintenance on your furnace and air conditioner by simply doing the following:

1. Change the furnace filters twice a season.
2. Keep the area around your furnace clear. Do not pile things around it.
3. Keep your return and all supply vents clear and open. Do not restrict air circulation.
4. Cover you're A/C unit in the winter.
5. Keep the area around your A/C unit clear and trim vegetation from around the unit. Your unit needs 35 cm (one foot) around it for proper ventilation.
6. Clean dirt or grass clippings from the coils of your A/C unit.
7. If you turn off the power to the A/C for the winter, when you turn the power on again at the start of the A/C season, allow 24 hours before running your A/C unit for the first time. This is to allow heaters in your A/C to bring the oil up to the proper temperature and evaporate any liquid refrigerant in the oil. You can also leave your A/C turned on for the winter.

TROUBLESHOOTING TIPS

Blank Screen

1. Make sure that the furnace power is turned on at the breaker panel. If you have fuses, make sure they are not blown. It is a good idea to have the proper size fuses on hand for when you need them.
2. Many warm air furnaces have service disconnect switches at or near the furnace. Make sure that the furnace service disconnect switch is in the "ON" position. Most furnace service switches looks exactly like a wall switch for room lighting.
3. Sometimes a furnace may shut down while operating in the heating mode. This may be caused by something restricting airflow through the furnace, usually a clogged air filter. This can be verified by noting that the peakSaver thermostat resets after 10-15 minutes and the furnace restarts. If changing the air filter does not correct this condition please call your heating/air conditioning service company. This problem is normally caused by your furnace - not the thermostat.
4. During power outages the peakSaver thermostat screen will go blank. This is normal, the batteries back up the clock time and day, but not the display. A nonvolatile memory contained in the peakSaver thermostat retains your program and settings. After power returns, the peakSaver thermostat will reset and normal operation will resume in just a few seconds for heat and in about 5 minutes for cool.

No A/C

1. Make sure the peakSaver thermostat is in the cooling mode. This is accomplished by pressing the system button until cool is displayed on right hand side of the screen.
2. Make sure that "ON" is displayed on the screen.
3. Be aware that raising the set point above room temperature and then immediately lowering it below room temperature will cause the peakSaver thermostat to hold off the air conditioning for about 5 minutes before restarting. This time delay is a favorable feature and gives protection to your air conditioning unit.
4. If the furnace fan is blowing, but the A/C unit is not running, check to make sure that the A/C breaker and service disconnect switch is on.
5. If the air conditioner is still not working, it is recommended that you have your heating/air conditioning company service your system.



TROUBLESHOOTING TIPS (CONT.)

No Heat

1. Make sure the peakSaver thermostat is in the heating mode. This is accomplished by pressing the system button until heat is displayed on right hand side of the screen.
2. Make sure that "ON" is displayed on the screen.
3. Check that the furnace is running.
4. If the furnace is cycling through the start sequence many times and/or the fan is only blowing air, it is recommended that you have your heating/air conditioning company service your furnace.

Furnace Fan Runs Continuously

1. Be sure the fan setting on the peakSaver thermostat is in the auto position. If the peakSaver thermostat has the "FAN" segment displayed on the screen, the fan is in the on position. Press the FAN key on the peakSaver thermostat and verify that the "FAN" segment is not displayed.
2. "FAN" DISPLAYED...Blower runs continuously.
3. "FAN" NOT DISPLAYED...Blower runs when peakSaver thermostat calls for heat or cool. Some furnaces have a fan limit control. This control takes the form of a small metal box, this box may be located inside or outside of the furnace. Some fan limit controls have a white pull/push switch. If this switch is pushed in the blower will run continuously. If the blower motor running continuously is not desired, pull the white knob to the out position.
4. WHITE KNOB IN...Blower runs continuously.
5. WHITE KNOB OUT...Blower runs when heat is called.
6. peakSaver thermostat is flashing "Call" Please call our Service number immediately; we will dispatch a technician to check your peakSaver thermostat. In the mean time your heating and cooling system will operate as normal.
7. Screen Is Flashing "BAT LO" This means that its time to change the batteries in your peakSaver thermostat. The batteries are a backup source for maintaining the clock and day settings in your thermostat should power to the furnace be interrupted.

Programming Your peakSaver Thermostat

Please refer to your programming guide and DVD that was given to you during the installation of your peakSaver thermostat.

Internet Access

Your User Name is your account number with your Utility. It must be entered with no leading zeros"0" and /or dashes"-".

Your Password is the first six letters of your last name without any spaces or capitals. If you have any trouble, please refer to the Internet access guide that was given to you during the installation.

How Your peakSaver Thermostat Operates During an Event

During peak demand, a signal will be sent to your peakSaver thermostat to increase your setting by 2° C. These energy management events will only occur on a small number of non-holiday weekdays from June through September, typically between noon and 6:00 pm, but not more than four hours at a time. At the end of an event, your peakSaver thermostat will revert back to its original setting.

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