

Advanced Customer Settings

Most customers will want to use the factory default settings, so no changes are necessary. However, you can reset the controller settings if the factory default settings are not suitable for your needs. If at any time you wish to change the units to metric or restore the controller completely back to factory default settings, see *Additional Features*.

To Enter Advanced Customer Settings Mode

Press and hold the **P** and **R** buttons at the same time for 3 seconds. The display should show only the controller type 18 (model **Pro180**) or 38 (model **ProPlus380**).

Step 1 Set Salt Setting

- A.** The **S** indicator will blink and the display reads **S1** (S1), designating the default of Salt Setting #1.
- B.** Press the **R** button momentarily to cycle through the salt settings. There will be two available fixed salt settings and the Automatic Salt Setting.
 - 1. **S1** (S1) ensures that for each regeneration, the appliance gets at least 4000 grains per pound (570 grams/kg) of salt. This choice meets or exceeds the requirements some states currently have in regards to salt efficiency.
 - 2. **S2** (S2) will provide more capacity between regenerations than S1.
 - 3. **SA** (SA) is the automatic salt setting that uses the average daily water usage to determine an appropriate salt dosage, not to exceed the appliance's maximum capacity.
Note: This salt setting is recommended for large families and/or water with high levels of hardness. It gives the greatest capacity, if needed.
- C.** When the desired setting is displayed, press the **P** button.
Note: All models are equipped with patented capacity guard to prevent the over-exhaustion of the resin bed.

Step 2 Set Time of Day

- A.** The **T** indicator will blink and the display reads 00.
- B.** Press the **R** button to cycle through values 00 to 23 representing the Time of Day on a 24-hour clock.
Note: Set time to the nearest hour.
- C.** When the desired setting is displayed, press the **P** button.
Note: Whenever you experience an electrical outage, check your controller for the correct time. Make any necessary corrections.

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Step 3 **Set Time of Regeneration**

- A. Both the **R** and the **R** indicator will blink and the display reads 02 for the default Regeneration Time of 2:00 a.m.
- B. Press the **R** button to cycle through values 00 to 23 representing the desired Time of Regeneration on a 24-hour clock.
Note: Set time to the nearest hour.
- C. When the desired setting is displayed, press the **P** button.

Step 4 **Set Demand or Delayed Mode**

- A. The **R** indicator will blink and the display reads - -, indicating the default setting of Demand mode.
- B. Press the **R** button to cycle between - - (Demand mode) or **on** (Delayed mode). If the Delayed mode is active, the **R** indicator is displayed during Normal Operation.
 - **Delayed mode** allows regeneration at a specific time (for example, at 2 a.m. when less water is typically being used).
 - **Demand mode** triggers a regeneration as soon as softening capacity is exhausted. This is the factory default.
- C. When the desired setting is displayed, press the **P** button.

Step 5 **Set 96-Hour Mode**

- A. The **96H** indicator will blink and the display reads **on**, indicating the default status of on.
- B. Press the **R** button to cycle between - - and **on**. If the 96-Hour mode is on, the **96H** indicator is displayed during Normal Operation. The 96-Hour mode prevents the appliance from going longer than 4 days without a regeneration.
Note: If there is iron in your water, select **96H**. On most municipal water supplies or if no water will be used for an extended period of time (for example, going on vacation), turn this option off.
- C. When the desired setting is displayed, press the **P** button and move to the next function.

Step 6 **Set powerClean™ Mode**

- A. The **PC** indicator will blink and the display reads - -, indicating the default status of off.
- B. Press the **R** button to cycle between - - and **on**. This is the only way to turn the powerClean™ mode on or off. Turning on the powerClean™ mode, turns off the 96-Hour mode.

C. When the desired setting is displayed, press the **P** button and return to Normal Operation.

Advanced programming is now complete.