

TOUCHSCREEN CONTROL FEATURES

Features of the XTR2 Touchscreen Control

- Full-featured easy to use graphical touchscreen interface for programming, servicing, and diagnostics.
- Non-linear programming no longer requires cycling through every parameter when programming/servicing.

Buttons and Symbols

NOTE: Not all buttons appear on all screens.

Regeneration Cycle Wheel



- Displays the regeneration cycle step the system is currently in. The wheel rotates with each step so that the current step is shown in green.

NOTE: On metered units, the "Treatment" step on the Regeneration Cycle Wheel will flash when water is flowing through the unit.

Home



- Displays the Home screen.

Regeneration



- Displays the Regeneration screen, which allows you to start a regeneration and manually cycle through the regeneration steps.

Settings



- Displays the Settings screen, which allows you to adjust commonly used settings. Pressing this button while in the Settings screen provides access to the Master Settings screen, which allows you to fully program the valve.

NOTE: Due to the complexity of these settings and the potential for errors, Master Settings should only be accessed by your local water professional.

Diagnostics



- Displays the Diagnostic screen, which can assist in performing maintenance and troubleshooting performance issues with the valve.

Assistance



- Displays a name and phone number to call for unit service.

Screen Navigation Arrows



- Displayed in the upper-left and upper-right corners of the screen, these arrows allow you to navigate from one screen to another.

Settings Arrows



- These arrows allow you to change the values of certain settings when programming the control.

Alarm



- Displayed when an alarm has occurred; accompanied with an audible alarm. Press to silence the audible alarm.

Error



- Displayed when an error has occurred. Press to display the Error screen for more detailed error information.

Advance



- This arrow allows you to advance through cycle steps during a regeneration.

Reset



- Displayed in the Diagnostics screen to reset Totalizer and Peak Flow data and in Master Settings to reset parameters to default settings.

Accept



- Press to save or accept changes in control configuration.

Cancel



- Press to cancel configuration and exit to previous screen without saving.

TOUCHSCREEN CONTROL FEATURES

continued

Screen Features

Home Screen

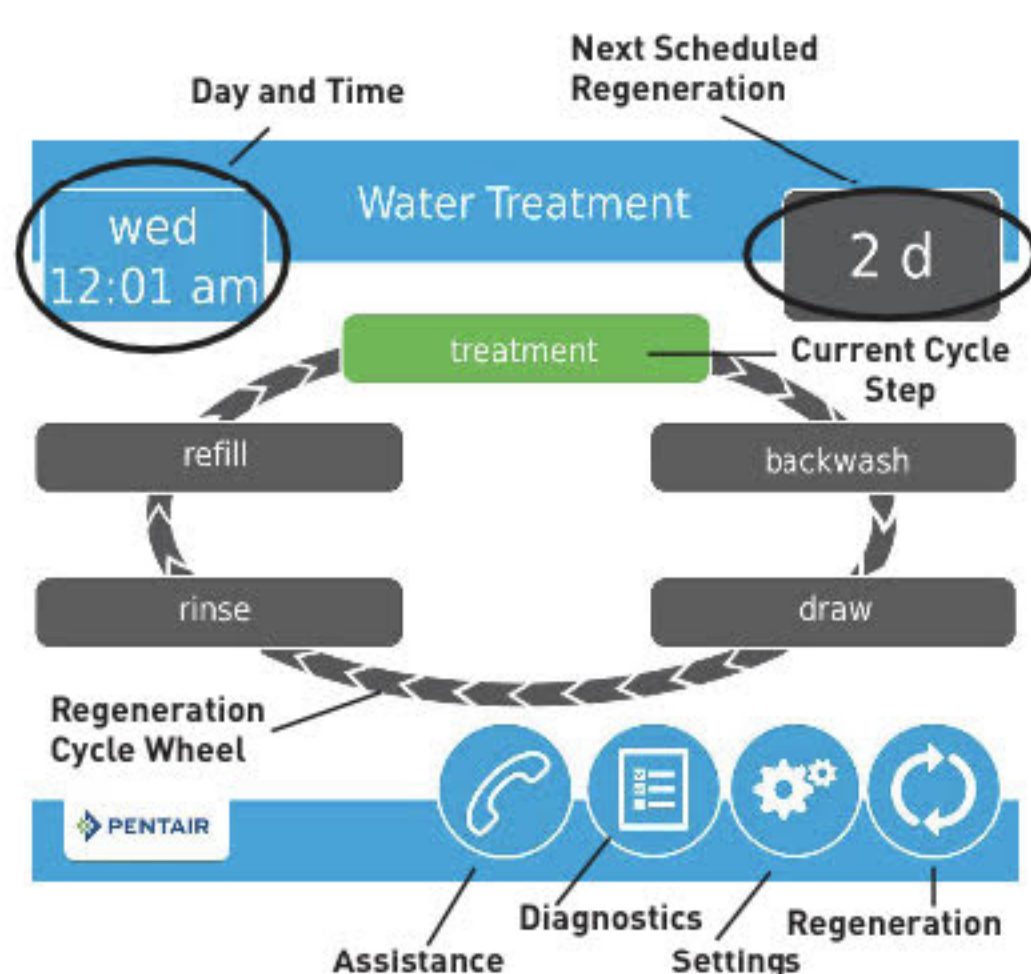


Figure 10 - Home Screen

The Home screen is always displayed unless the control settings are being configured or during regeneration. This screen displays general information about the system and allows you to start a manual regeneration or access control settings. Features of the screen are described below, followed by more detailed information about each feature.

NOTE: If no button is pushed for five minutes, the screen will enter a power save mode. The unit will continue to operate, but the screen will be blank. Touch anywhere on the screen to exit power save mode.

- **Regeneration:** Press to start a manual regeneration.
- **Settings:** Press to access commonly used settings.
- **Diagnostics:** Press to view diagnostic data.
- **Assistance:** Press to display the name and phone number to call for service.
- **Regeneration Cycle Wheel:** Displays the cycle steps the valve will step through during a regeneration; the current cycle step is always at the top of the wheel.
 - **Treatment:** The unit is treating water
 - **Backwash:** Water flows from the bottom of the vessel to the top of the vessel to clean the media
 - **Draw:** Brine is drawn into the media and then slowly rinsed out
 - **Rinse:** Water flows from the top of the vessel to the bottom of the vessel to rinse the media
 - **Refill:** Brine tank is refilled with water
- **Next Scheduled Regeneration:** Displays the next scheduled regeneration in either time or volume, depending on control settings.

- **Day and Time:** Displays the currently programmed day of the week and time. This button will flash if the control has been reset.

Regeneration

Regenerate the system on demand by pressing the Regeneration button on the home screen. Manual Regeneration can only be used while the valve is in the treatment position. From the Home screen, press the **Regeneration** button. The Regeneration screen appears.

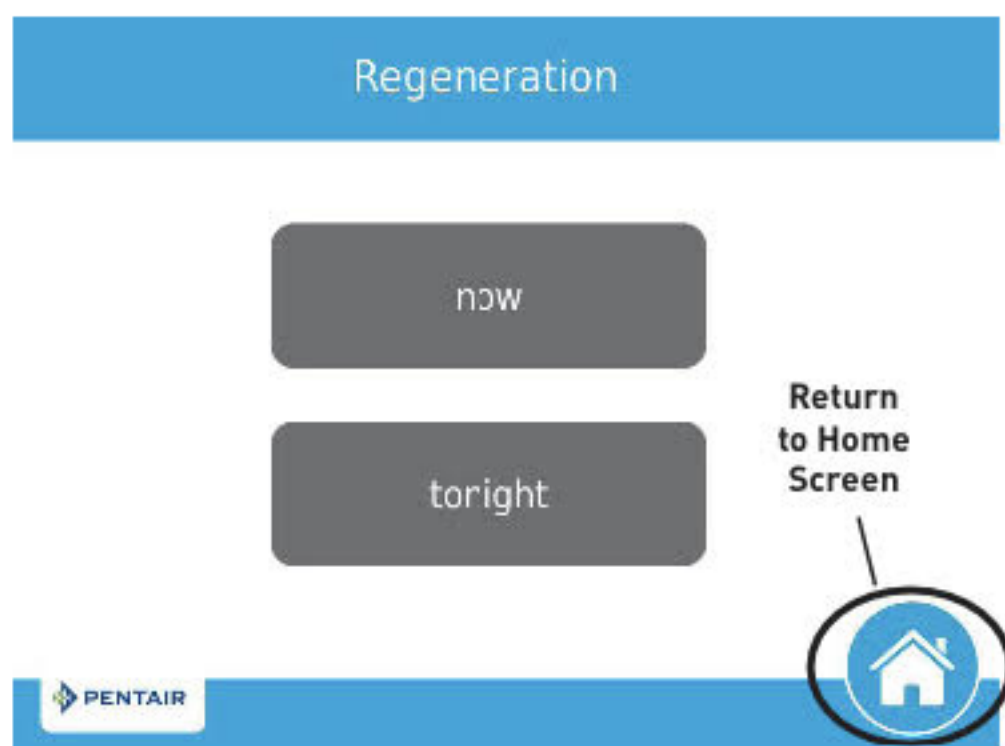


Figure 11 Regeneration Screen

- Press the **now** button to begin a regeneration immediately, or press the **tonight** button to queue the regeneration for the programmed regeneration time (2:00 AM by default). Pressing the **tonight** button again will cancel the manual regeneration.
- During Regeneration, press the button to immediately advance to the next cycle step. Once in regeneration, the volume or time will be displayed below the button.

Day and Time

From the Home screen (displayed in Figure 10 above) press the Day and Time button. The Day and Time screen appears.

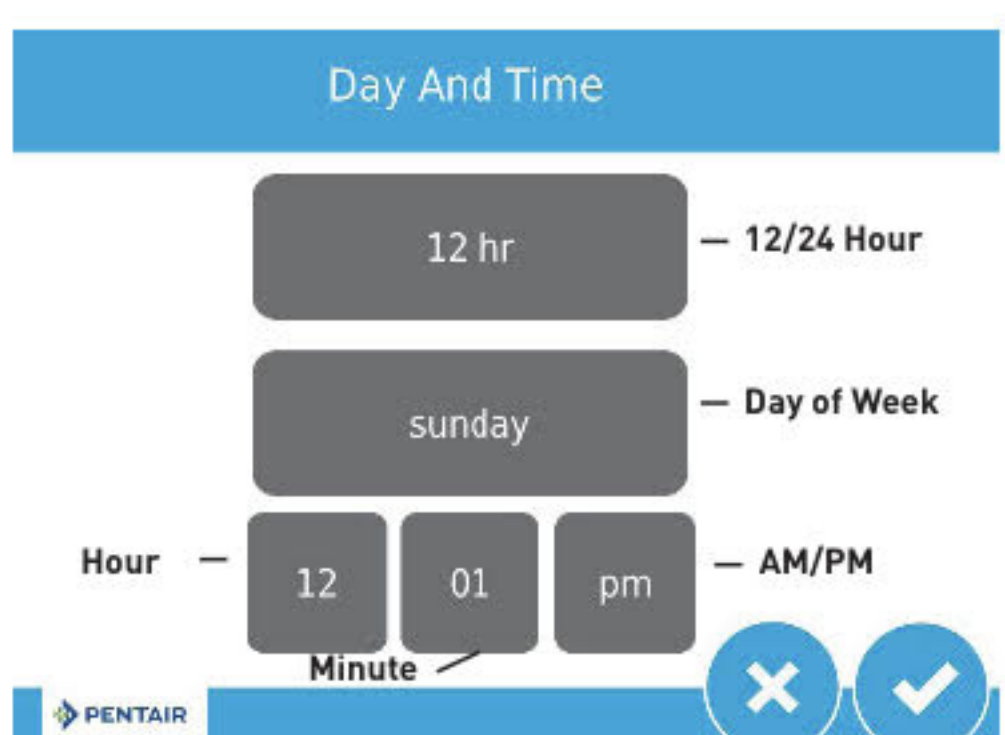


Figure 12 Day and Time Screen

- Press the **Day of Week**, **Hour**, **Minute**, and **AM/PM** buttons to adjust the values to the correct day and time. Press the **12/24 Hour** button to display the time in 12 or 24 hour format. Press the button when finished to return to the Home screen.