



AQUACHAMP

SERVICE MANUAL

TOUCHSCREEN CONTROL FEATURES

Features of the Aquachamp 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. **NOTE: Do NOT enter Master Settings.**

Diagnostics

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

Brightness/Sound

- Displays the Brightness/Sound screen, which allows you to adjust the backlight of the control screen and allows you to mute the alarms of the control.

Vacation Mode

- Halts all scheduled regenerations when pressed; press again to resume normal operation. When Vacation Mode is on, the 100 day regeneration error will be suspended.

Assistance

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

USB Connect

- Allows you to connect the control to a PC via a USB cable for field programming or download of diagnostic parameters via PC (Field Programmer application required).

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. **NOTE: Settings on previous screen are not saved unless  is pressed.**

Settings Arrows

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

Alarm

- Displayed when an alarm has been triggered; accompanied by 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.

If you have any questions, please
contact your Aquachamp dealer

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continued

Screen Features

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 factory or non-factory settings.

Accept

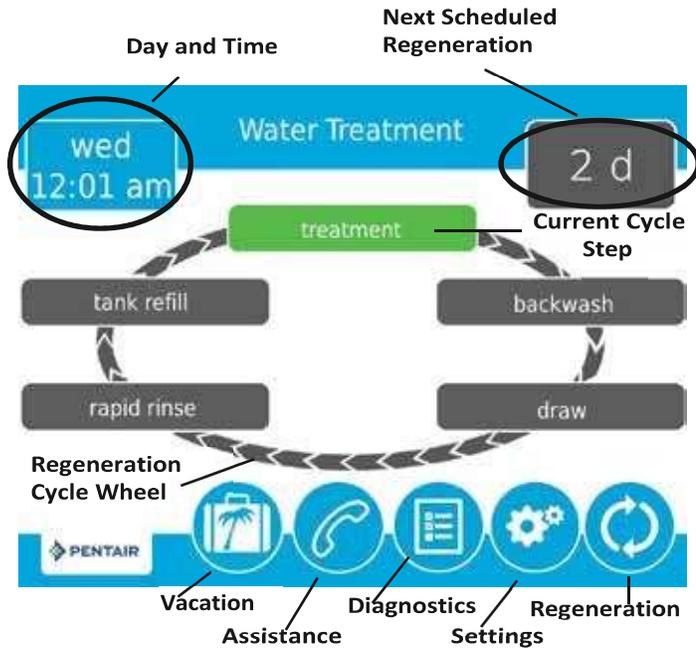


Cancel



- Press to save or accept changes in control configuration.
- Press to cancel configuration and exit to previous screen without saving.

Home Screen



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.

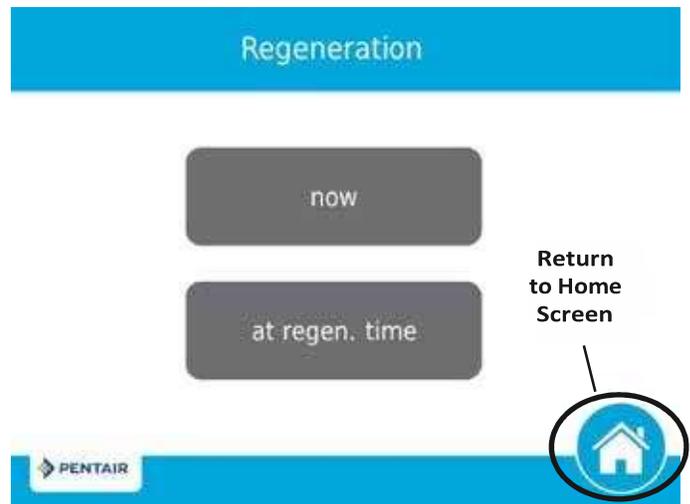
NOTE: If no button is pushed for five minutes, the screen will enter a power save mode. The unit will continue to operate, but the screen will be blank. Touch anywhere on the screen to exit power save mode.

- **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 number for service.
- **Vacation Mode:** Press to halt all scheduled regenerations; press again to resume normal operation.
- **Regeneration Cycle Wheel:** Displays the cycle steps the valve will step through during a regeneration.
- **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, then slowly rinsed out
- **Rapid Rinse:** Water flows from the top of the vessel to the bottom of the vessel to rinse the media
- **Tank Refill:** Brine tank is refilled with water
- **Next Scheduled Regeneration:** Displays the time to next scheduled regeneration, or volume remaining until regeneration in meter systems.
- **Day and Time:** Displays the currently programmed day of the week and time. It flashes 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.



Regeneration Screen

- Press **now** to begin a regeneration immediately, or press **at regen. time** to queue the regeneration for the programmed regeneration time (2:00 AM default for softeners, 12:00 AM default for filters). Pressing **at regen. time** 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.

If you have further questions, please **contact your Aquachamp dealer.**