



Caring for your Allini filter

1. Initial System Flush: After installation, please run water through all faucets, including showerheads and your refrigerator's water dispenser, for at least 30 minutes. This helps flush the system and remove any debris or trapped air. If you notice bubbles, this is likely due to air pockets that will clear as the system stabilizes.

2. Refrigerator Ice Bin Maintenance: Discard any existing ice in your refrigerator to avoid mixing old ice with fresh, filtered water. This ensures optimal water taste and ice quality moving forward.

3. Use only mild soap and warm water when cleaning the exterior of the filter. Never use harsh, abrasive cleaning compounds or those which contain acid, such as vinegar, bleach and similar products.

4. Important: Protect your water filter and the entire drain line from freezing temperatures. DANGER! If your unit should freeze, do not attempt to disassemble it. Call your Allini Dealer.

5. Important: Allini water filters are sold for use on potable water, only. If at any time the water becomes contaminated, such as during a "boil water" situation, the operation of the water filter should be discontinued until it is verified that the water is again potable. To do this, open the bypass on the back of the water filter. Then, call your Allini dealer to have your system sanitized before it is placed back into service. NOTE Following the manufacturer's instructions regarding operation, maintenance and re placement requirements, including replacement of filters if applicable, are essential for Allini's products to perform as advertised.

6. Pool Filling & Warranty Notice: Please note: using your filtration system to fill a pool or large water feature (e.g., 15,000 gallons) will void the system's warranty. The system is not intended for this volume of use. It may be used to top off a pool; however, if a large fill or emergency bypass is required, please refer to the included bypass instructions.

7. Should service, adjustment or trouble-shooting information be needed which is not covered in the Use and Care Guide, call your Allini Dealer. If you have further questions, please call your local independently operated Allini dealer. He or she will be glad to be of assistance to you.

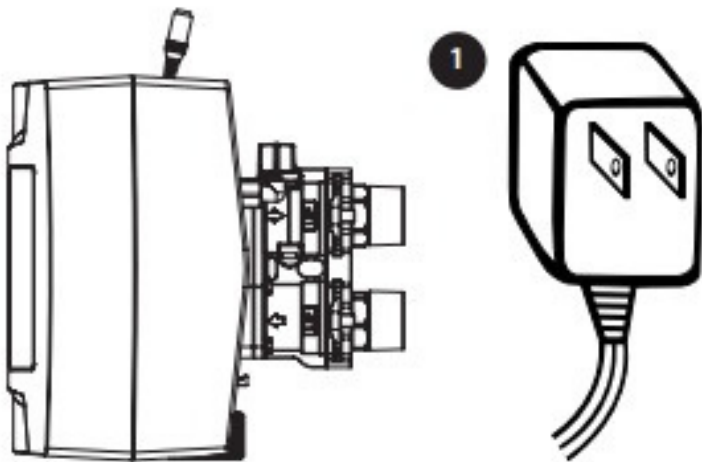
Recommended Preventative Maintenance Inspection: Schedule the Allini water filter has been designed to provide a good, consistent service life. Routinely inspecting the system may help avoid potentially costly breakdowns related to circumstances outside of the control of the dealer and/or user. The filter is for problem water use and routine maintenance is required. Contact your local Allini dealer to perform routine maintenance. Service contracts are available.

Component Suggested Inspection Frequency: Maintenance Entire System at Start-up, after infrequent use (idle for one week or more) or every 3-6 months if on a private water supply. On private supplies, the appearance of off-tastes and odors, particularly if musty or "rotten egg" (caused by harmless sulfate-reducing bacteria) may indicate a need for the system to be sanitized. Backwash Flow Controller: Every 12 months or every time service is performed on the system. Buildup of sediment, iron and/or other foreign materials (found in some water supplies but not necessarily all) could negatively affect system performance. Monitor item for normal or unexpected wear:

Monitor item for normal or unexpected wear:

Media- As water passes through the filter, the media slowly dissolves and purifies the water. The rate at which the media dissolves depends on a number of factors such as temperature flow rate and ph. Replace when taste odor or chlorine can no longer be removed. Media may need to be reconditioned or replaced depending on water characteristics.





STARTUP INSTRUCTIONS

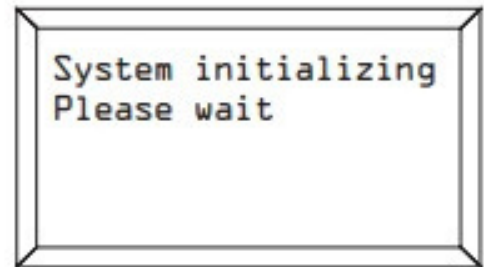


1. Connect the transformer to the valve. Plug the 12-volt transformer into a 120 VAC 60 Hz outlet.

2. When power is supplied to the control, the screen will display "INITIALIZING WAIT MENU PLEASE" while it finds the service position.

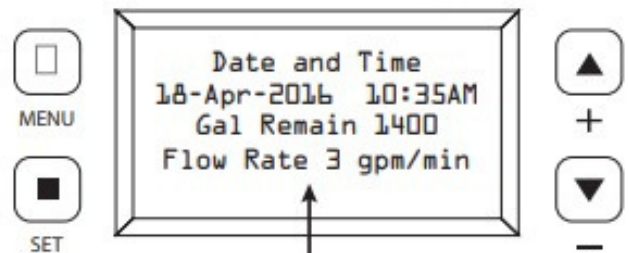
Key Pad Configuration:

-  This function is to enter the basic set up information required at the time of installation.
-  This function is to accept the values if changed and advance to the next page in the menu.
-   These buttons are used to increase or decrease the value of the settings while in the programming mode.






3. Manually regenerate the valve. If screen is locked, press Menu Key for 5 seconds to unlock.

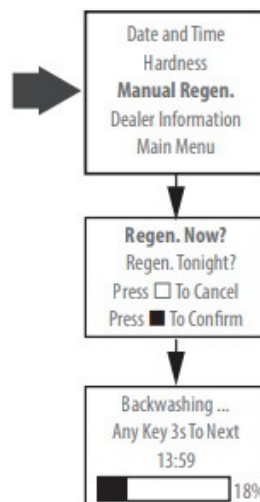
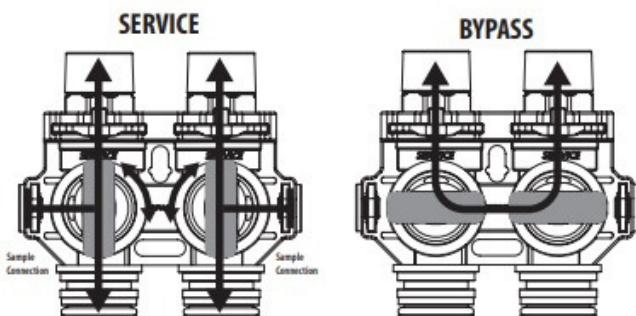
Familiarize with Button Configuration:



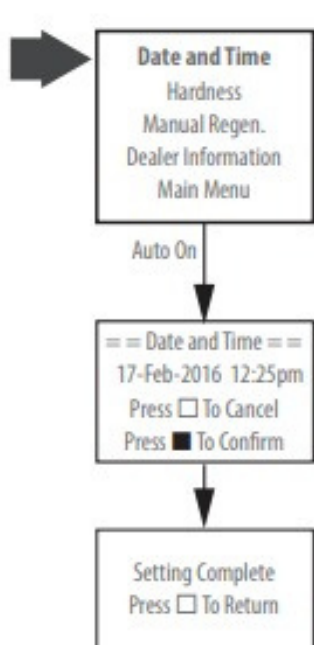
The controller will show the following on the screen - Time, Date and Gallons Remaining for Regeneration

Manual Regeneration

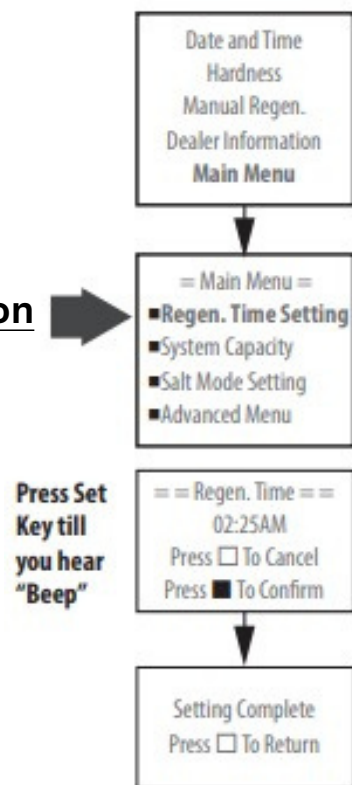
Manually Regenerate the Valve and move it to backwash position. Press Menu Key  and Scroll down  using Up and Down Arrow buttons to "Manual Regen". Press "SET"  Select "Regen Now"



Set up date and time



Set up Regeneration



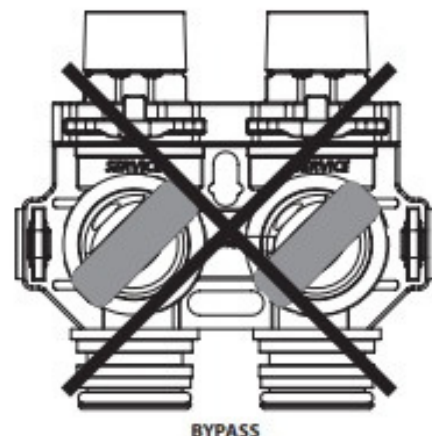
Press Set
Key till
you hear
"Beep"

Automatic Raw Water Bypass During Regeneration

The regeneration cycle can last 80 minutes. During regeneration, un-filtered water is automatically bypassed for use in the household. Hot water should be used as little as possible during this time to prevent un-filtered water from filling the water heater. This is why automatic regeneration is set for sometime during the night and manual regenerations should be performed when little or no water will be used in the household.

Manual Bypass

In the case of emergency you can isolate your water filter from the water supply using the bypass valve located at the back of the control. In normal operation the bypass is open with the on/off knobs in line with the inlet and outlet pipes. To isolate the filter, simply rotate the knobs clockwise (as indicated by the word BYPASS and arrow) until they lock. You can use your water related fixtures and appliances as the water supply is bypassing the filter. However, the water you use will be untreated. To resume water service, open bypass valve by rotating the knobs counterclockwise. Please make sure bypass knobs are completely open otherwise the unfiltered water could bypass through the valve.



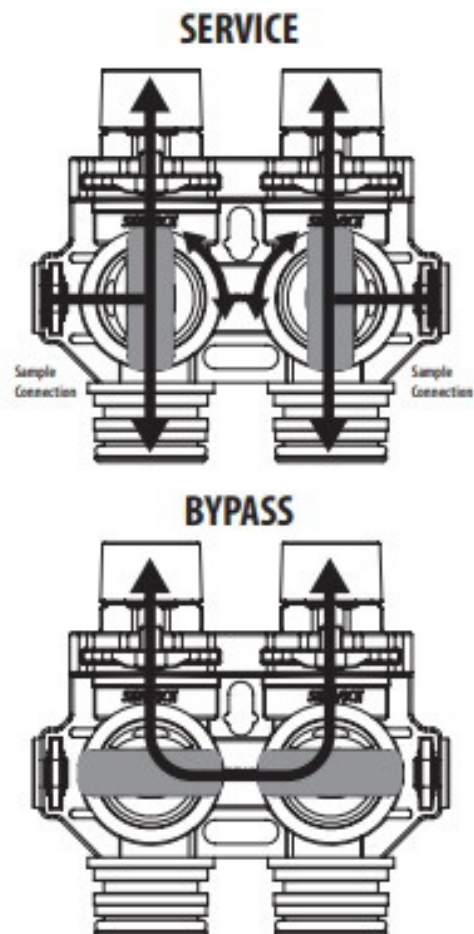
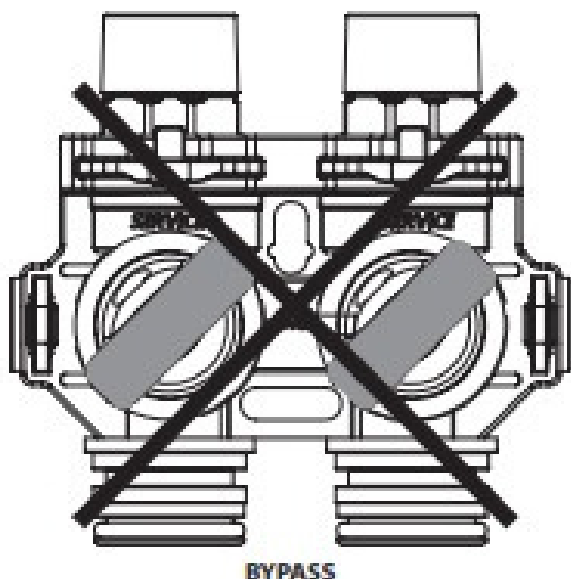
DURING REGENERATION

Automatic Bypass the regeneration cycle lasts approximately 60 minutes, after which treated water service will be restored. During regeneration, untreated water is automatically bypassed for use in the household. Hot water should be used as little as possible during this time to prevent hard water from filling the water heater. **IMPORTANT:** This is why the automatic regeneration is set for sometime during the night and manual regenerations should be performed when little or no water will be used in the household.

New Sounds You may notice new sounds as your water softener operates. The regeneration cycle lasts approximately 2-1/2 hours. During this time, you may hear water running intermittently to the drain.

WATER BYPASS

Manual Bypass: In case of an emergency such as filter maintenance, you can isolate your water filter from the water supply using the bypass valve located at the back of the control. In normal operation the bypass is open with the ON/OFF knobs in line with the INLET and OUTLET pipes. To isolate the Softener, simply rotate the knobs clockwise (as indicated by the word BYPASS and arrow) until they lock. You can use your water related fixtures and appliances as the water supply is bypassing the filter. However, the water you use will be hard. To resume treated service, open the bypass valve by rotating the knobs counterclockwise. **Please make sure bypass knobs are completely open otherwise the unfiltered water could bypass through the valve.**



MASTER PROGRAMMING 89 DOWNFLOW VALVE (89 DF MODELS)

The controller will show the following on the screen - Time, Date and number of Days Remaining for Regeneration:



Date & Time



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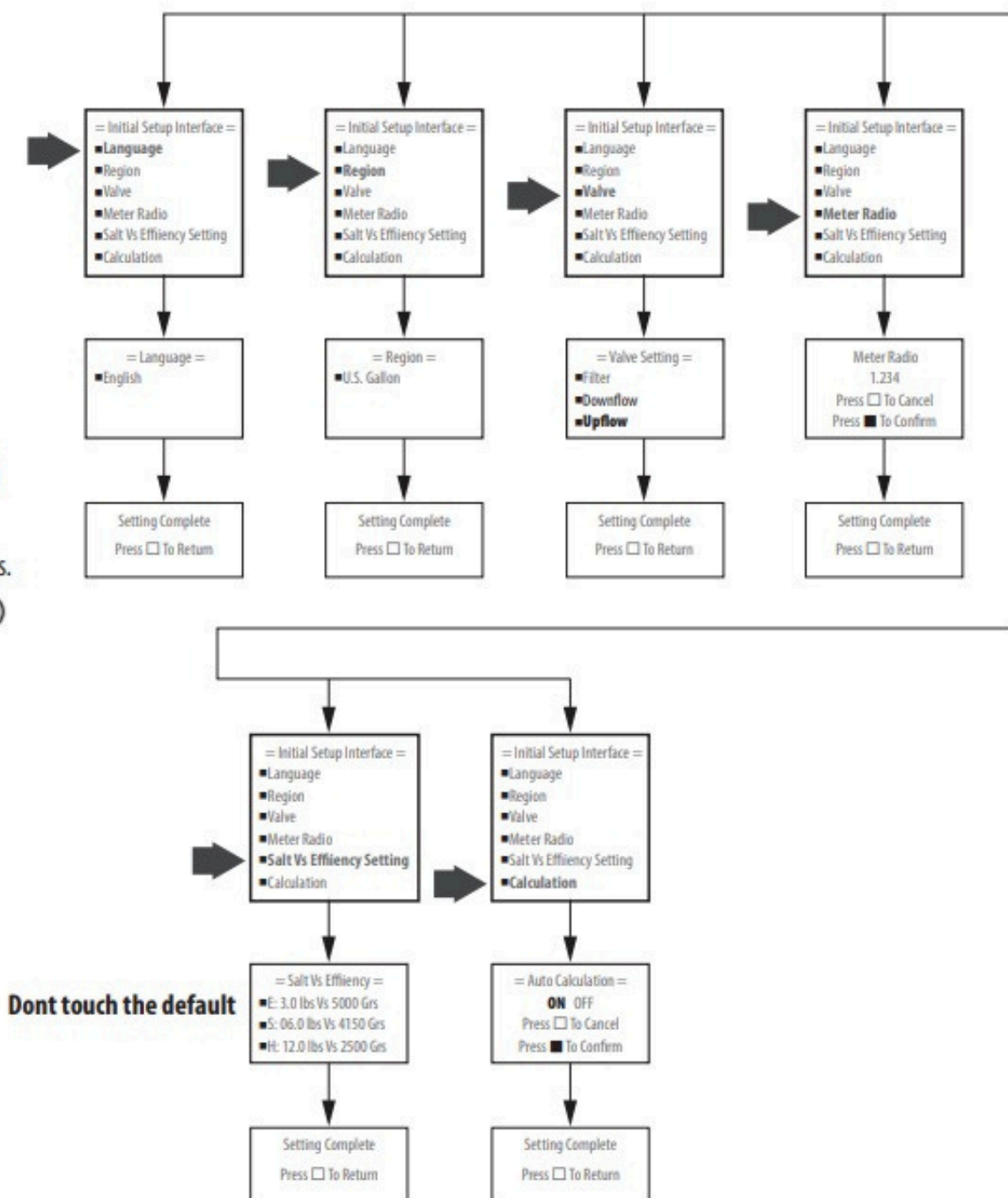
Remain: 1,280 GAL

Capacity: 1,500 GAL

How to set Master Programming (Authorized Dealer Only)

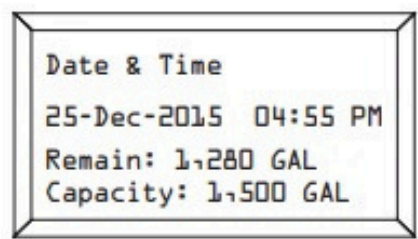
Press "+"  and "-"  for 8 seconds.

Press "SET"  to select and "MENU"  to go back



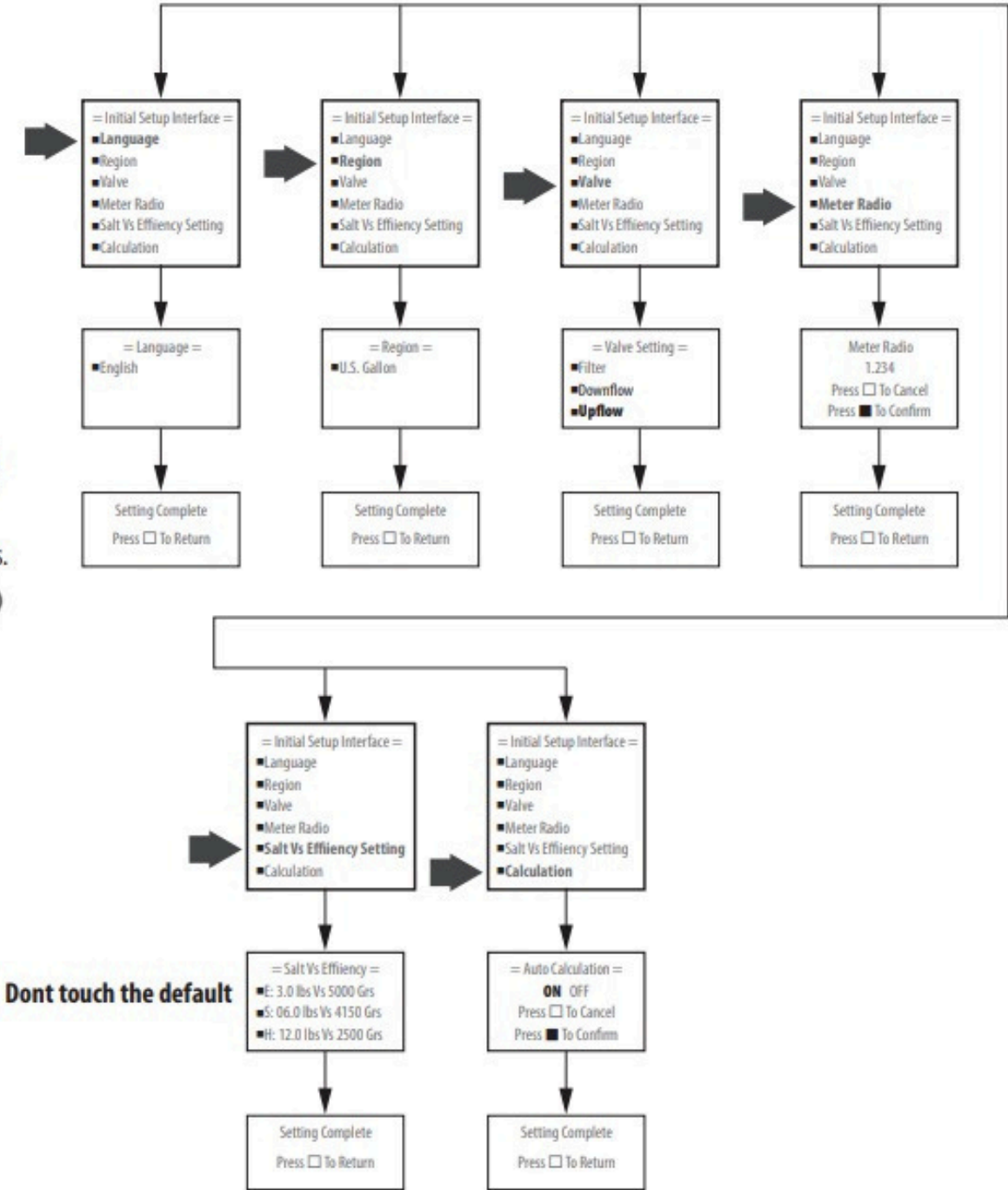
MASTER PROGRAMMING 89 UPFLOW VALVE (89UF MODELS)

The controller will show the following on the screen - Time, Date and number of Days Remaining for Regeneration:



How to set Master Programming (Authorized Dealer Only)

Press "+" and "-" for 8 seconds.
Press "SET" to select and "MENU" to go back

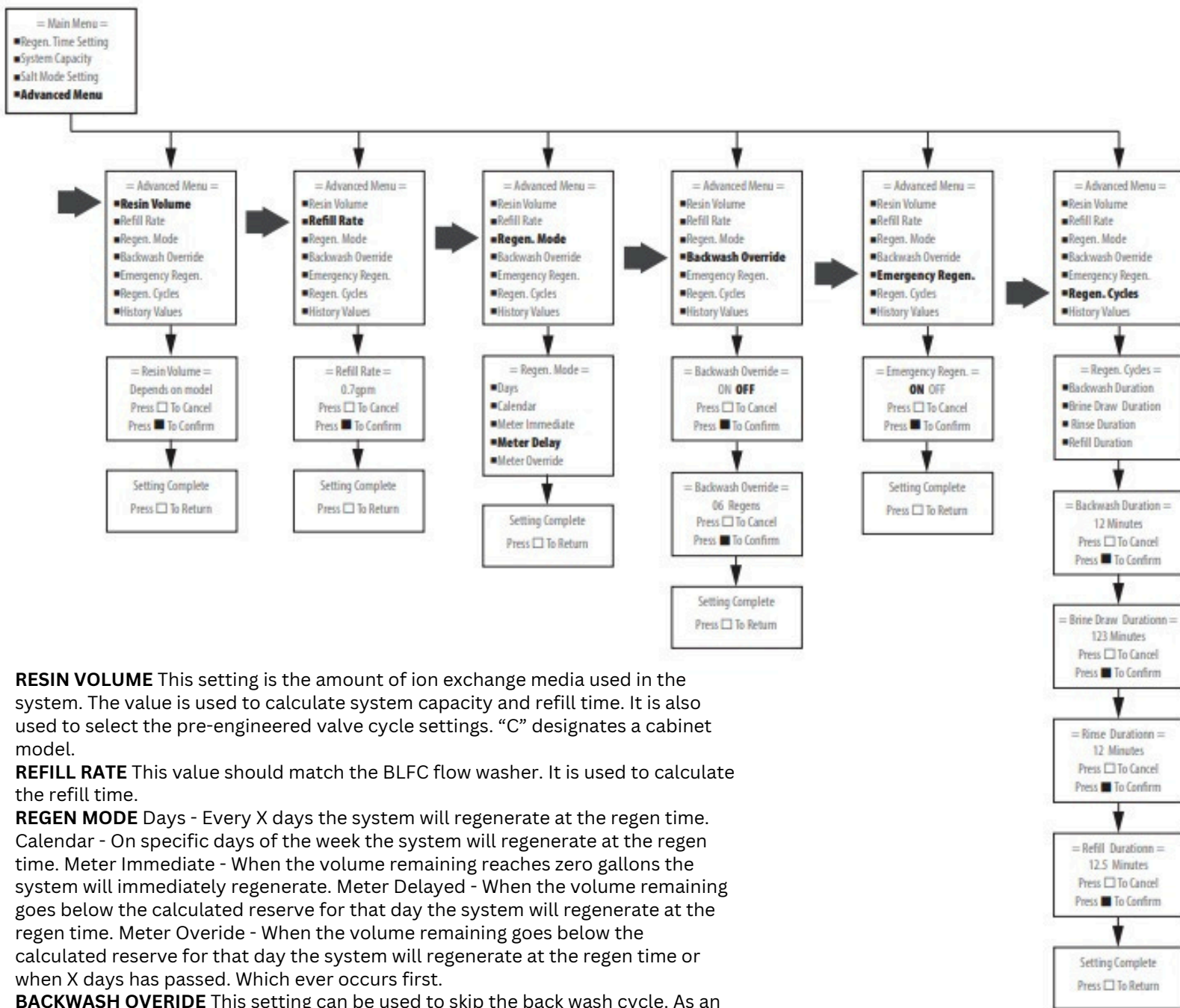


MASTER PROGRAMMING GUIDE 89 DOWNFLOW

ADVANCED MENU PRESS "MENU" KEY  AND SCROLL TO "MAIN MENU". THEN PRESS "SET"  TILL IT BEEPS. SCROLL TO ADVANCED MENU









Press "Menu" key . Press - to advance to Advanced Menu Press and hold "SET"  5 seconds or until you hear a beep. Press "+"  or "-"  to choose menu option

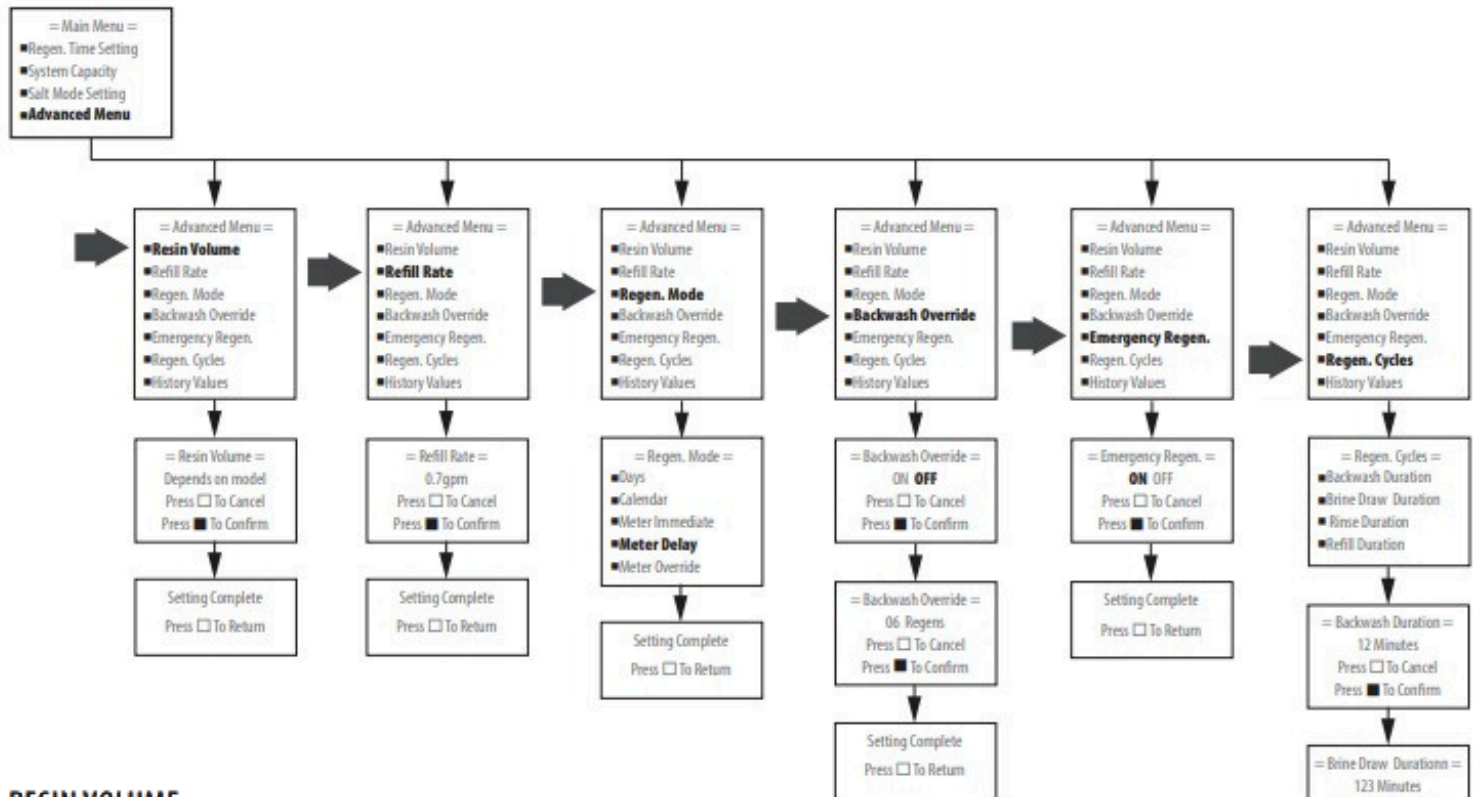
Press "SET"  to enter. Press "+"  or "-"  to change option. Press "SET"  to accept.



ADVANCED MENU 89 UPFLOW

PRESS "MENU" KEY  AND SCROLL TO "MAIN MENU". THEN PRESS "SET"  TILL IT BEEPS. SCROLL TO ADVANCED MENU

Press "Menu" key . Press - to advance to Advanced Menu Press and hold "SET"  5 seconds or until you hear a beep. Press "+"  or "-"  to choose menu option.
Press "SET"  to enter. Press "+"  or "-"  to change option. Press "SET"  to accept.



RESIN VOLUME

This setting is the amount of ion exchange media used in the system. The value is used to calculate system capacity and refill time. It is also used to select the pre-engineered valve cycle settings. "C" designates a cabinet model.

REFILL RATE

This value should match the BLFC flow washer. It is used to calculate the refill time.

REGEN MODE

Days - Every X days the system will regenerate at the regen time.

Calendar - On specific days of the week the system will regenerate at the regen time.

Meter Immediate - When the volume remaining reaches zero gallons the system will immediately regenerate.

Meter Delayed - When the volume remaining goes below the calculated reserve for that day the system will regenerate at the regen time.

Meter Override - When the volume remaining goes below the calculated reserve for that day the system will regenerate at the regen time or when X days has passed. Which ever occurs first.

BACKWASH OVERRIDE

This setting can be used to skip the back wash cycle. As an example if the setting is 10, the system will skip 10 back wash cycles. The setting will only work if the WATER TYPE is set to CITY for clean water applications.





EMERGENCY REGEN

When set to ON, the system will start a forced regeneration when the remaining capacity reaches 3%. The regeneration consists of 8 minutes of Brine and 12 minutes of Rinse. The 20 minutes regeneration will restore up to 33% of the system capacity. At the next regeneration time (2:00 AM), the system will automatically perform a standard regeneration to restore capacity to 100%.

UF SOFTENER (UP FLOW)

This mode is for the operation of an up flow regenerating softener. The regeneration sequence is 1. BRINE MAKE (REFILL), 2. BRINE, 3. BACKWASH, 4 RINSE, 5. REFILL.

MAIN MENU 89 DOWNFLOW

Press "Menu" key . Press - to advance to Advanced Menu Press and hold "SET"  5 seconds or until you hear a beep. Press "+"  or "-"  to choose menu option.

Press "SET"  to enter. Press "+"  or "-"  to change option. Press "SET"  to accept.

REGEN TIME

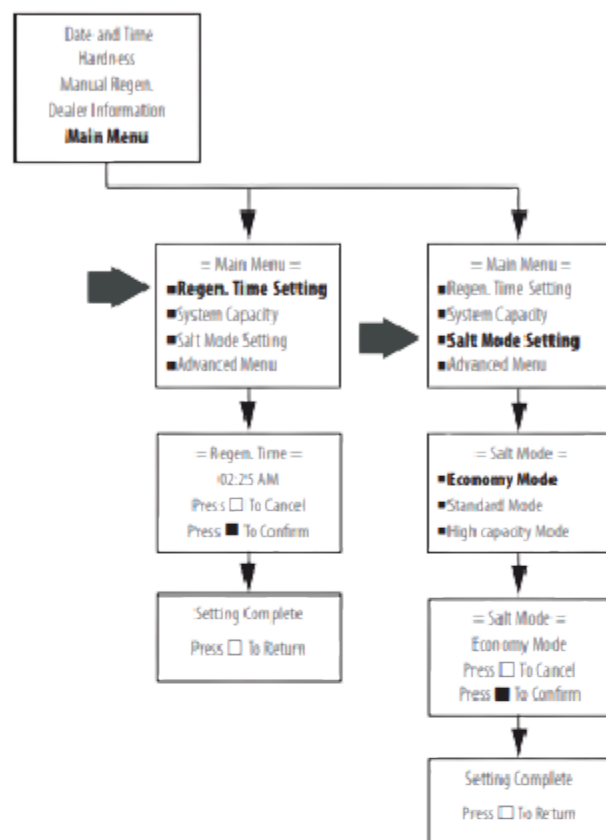
This setting determines the time of day to perform a scheduled regeneration.

SYSTEM CAPACITY

In Auto Calculation mode the system capacity is calculated. It can be manually adjusted as well.





SALT MODE SETTING

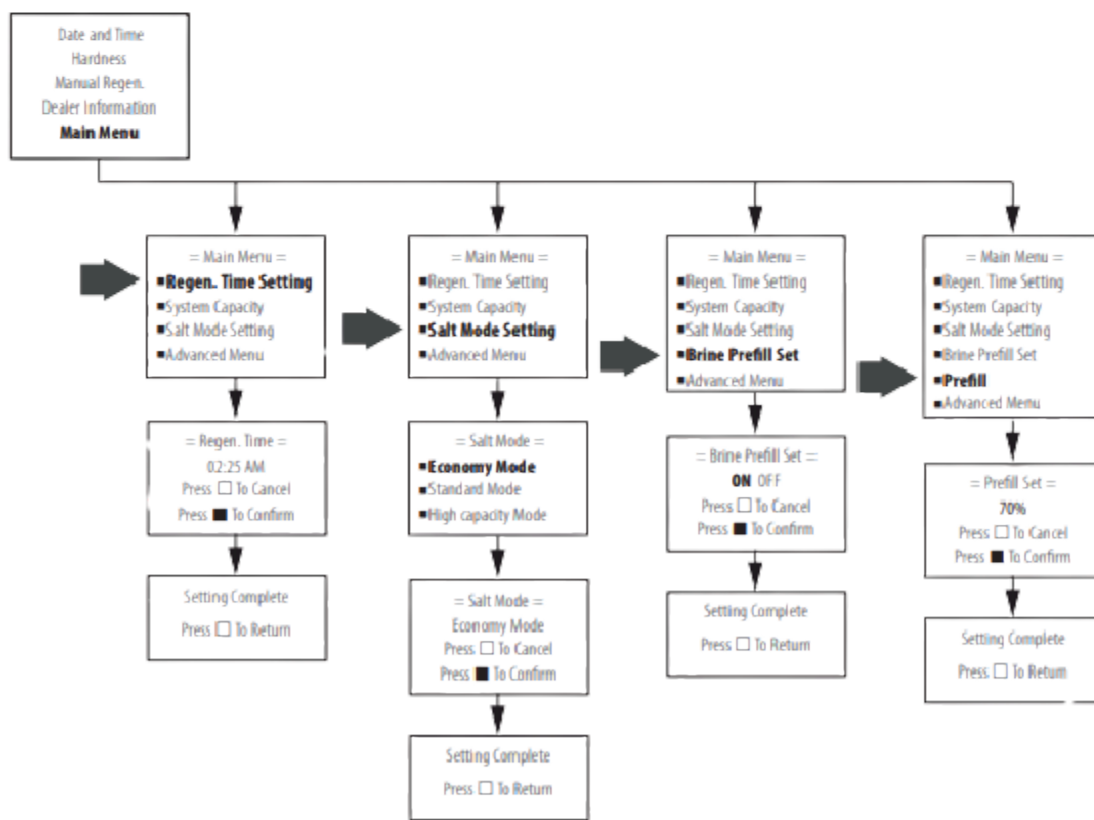
There are 3 settings to choose. Economy, Standard, and High Capacity.



MAIN MENU 89 UPFLOW


Press "Menu" key . Press - to advance to Advanced Menu Press and hold "SET"  5 seconds or until you hear a beep. Press "+"  or "-"  to choose menu option.

Press "SET"  to enter. Press "+"  or "-"  to change option. Press "SET"  to accept.



DIAGNOSTIC SCREEN

PRESS "MENU" KEY  AND SCROLL TO "MAIN MENU". THEN PRESS "SET"  TILL IT BEEPS. SCROLL TO ADVANCED MENU


Press "Menu" key . Press - to advance to Main Menu



Press "SET"  or until you hear a beep.

Press - to advance to Advanced Menu

Press and hold "SET"  5 seconds or until you hear a beep.

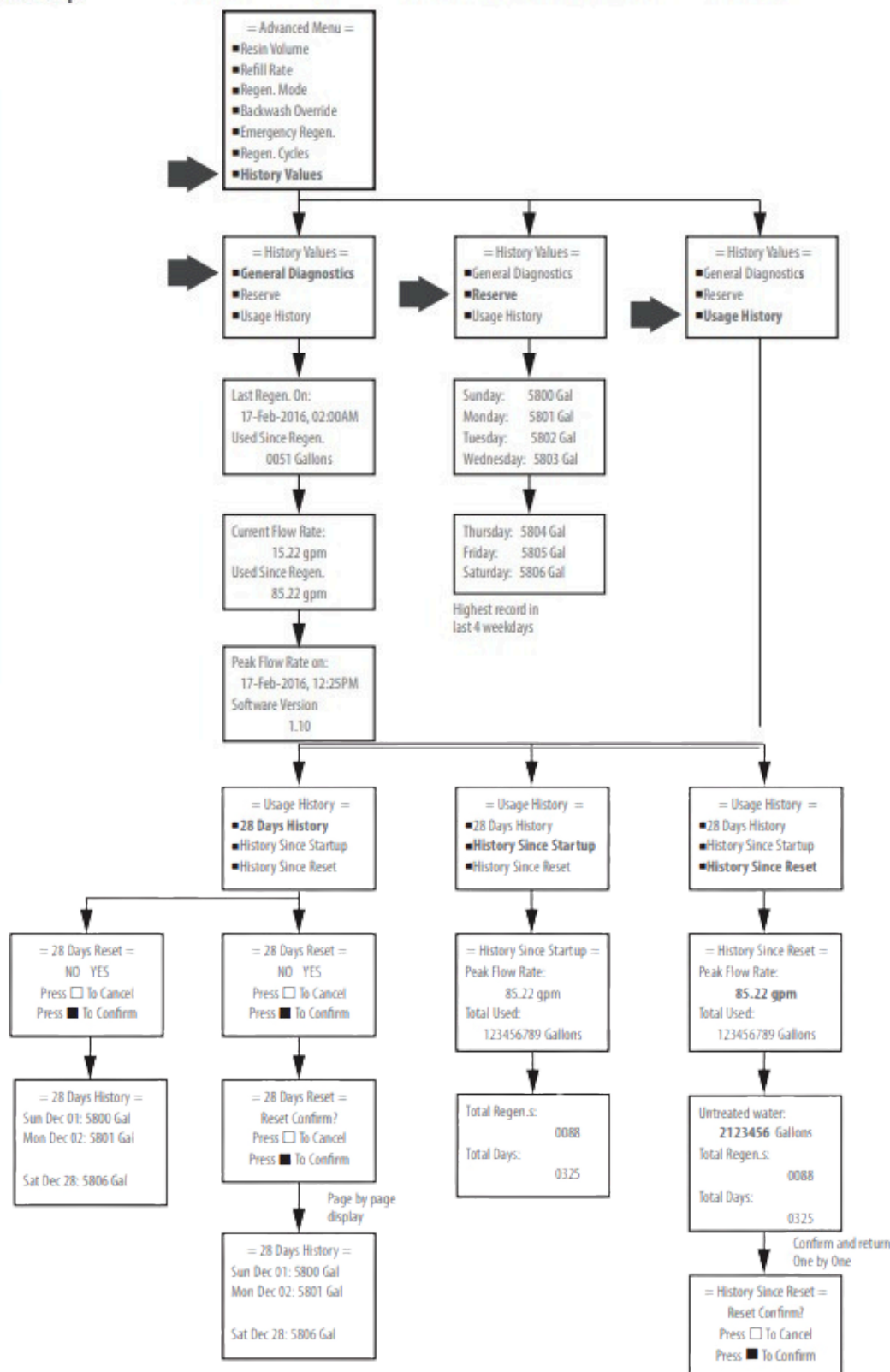
Press - to advance to History Values

Press "SET"  or until you hear a beep.

Press "+"  or "-"  to choose menu option. Press "SET"  to enter.

Press "+"  or "-"  to change option. Press "SET"  to accept.


PARAMETER	DESCRIPTION
LAST REGEN ON	Date of last system regeneration.
USED SINCE REGEN	Volume used since last regeneration.
CURRENT FLOW RATE	The current system flow rate.
PEAK FLOW RATE	The peak or highest flow rate since last regeneration.
SOFTWARE VERSION	The software version programmed on the PCB.
RESERVE	The calculated reserve for each day based on the highest days usage over the past 4 weeks.
28 DAYS HISTORY	The volume used for each of the last 28 days.
USAGE HISTORY	The usage since system start up and from the last reset.
TOTAL USED	The total volume used.
TOTAL REGENS	The total quantity of regenerations.
TOTAL DAYS	The total days in operation.






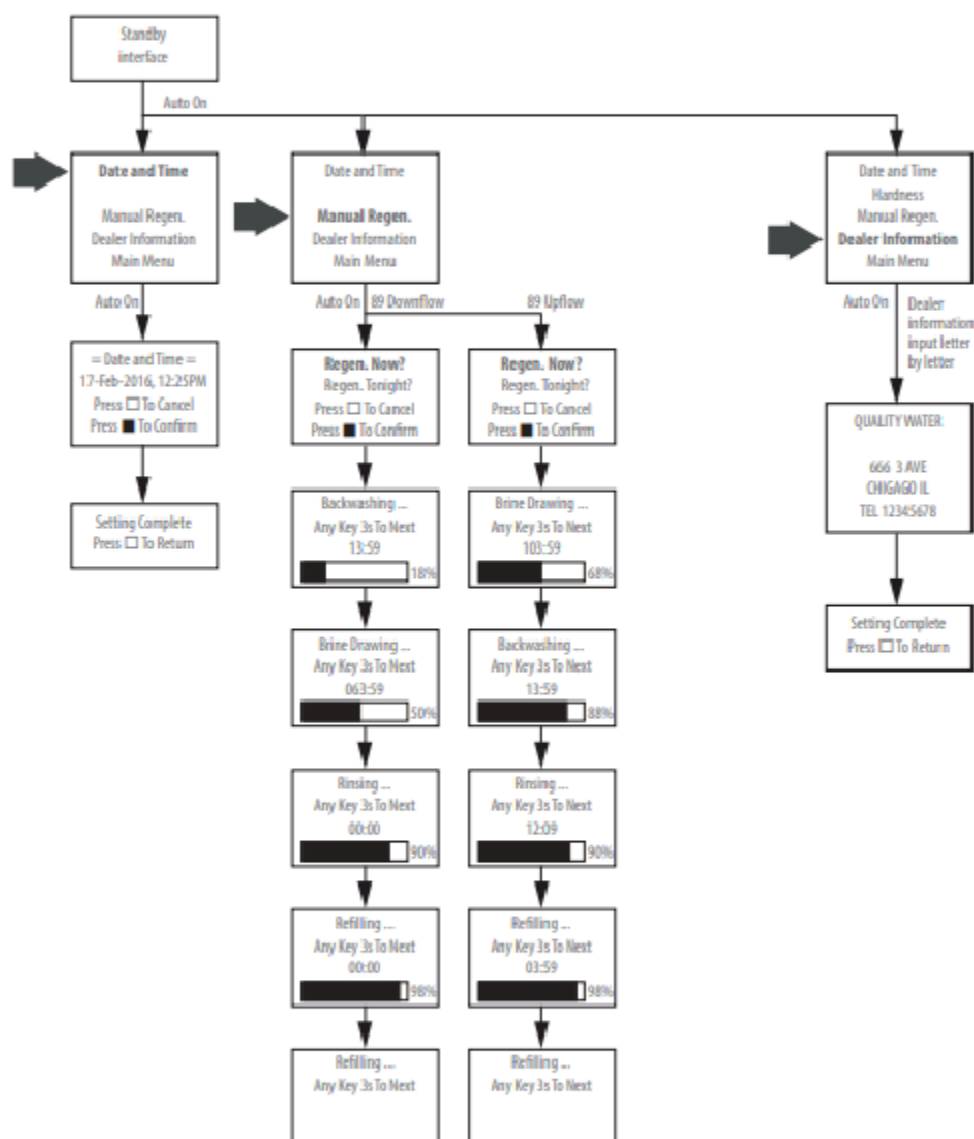
HOW TO SET DATE AND TIME, MANUAL REGENERATION AND DEALER INFORMATION

PRESS "MENU" KEY  AND SCROLL TO "MAIN MENU". THEN PRESS "SET"  TILL IT BEEPS.

Press "Menu" key 

Press "+"  or "-"  to change menu option. Press "SET"  to enter.

Press "+"  or "-"  to change value. Press "SET"  to accept.



DATE AND TIME

Time of day is for normal operation of system and the scheduling of the regeneration time. The date is used in a diagnostic function to track the last time the system regenerated.

MANUAL REGENERATION

To start an immediate regeneration select the Manual Regen option. This setting determines the time of day to perform a scheduled regeneration.