

WATER CONSERVATION SETTING

Whole Home Water Filtration Systems

FOR THESE MODEL NUMBERS:

Whole Home Water Filtration & Conditioning Systems:

EWS-SPECTRUM-V2-1.5, EWS-1465-V2-1.5, EWS-1665-V2-1.5

Whole Home Water Filtration Systems:

CWL-SPECTRUM-V2-1.5, CWL-1465-V2-1.5, CWL-1665-V2-1.5

for
5 Push Button & LED Display Screen Valves
effective 8/2022



ENVIRONMENTAL WATER SYSTEMS®
Quality Water Filtration Crafted in the USA Since 1987.

WWW.EWSWATER.COM

Customer Service
Monday - Friday 8:00am - 4:30pm Pacific Time
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screen and what you see when the system is on

WHEN YOU PLUG THE SYSTEM IN:

Blue Backlight and Home Screen

Display reads: our company name and website address across the top and the customer service contact

BLUE:

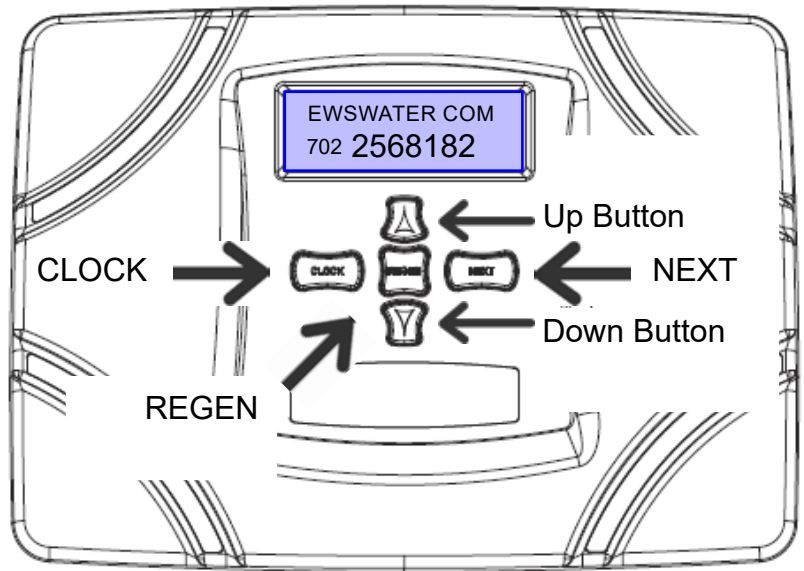
Home Screen and Clock Settings, Time of Day and # of Days to Regen.

GREEN:

Backwash & Rinse cycles, Filtrering (returning to service from Regen) and other programming

Energy Savings Backlight Control:

The Blue Backlight is set to energy saving mode. The light will turn off after 5 minutes of keypad inactivity or 30 seconds after water usage. Touch any button and the backlight will light up.



Features of this Valve:

Power backup continues to keep time and the passage of days for a minimum of 48 hours in the event of power failure.

A backwash can be triggered immediately by pressing the Regen button for five seconds.

When the system begins to backwash, the display will change to include information about the backwash process and the time remaining for that step to be completed. The current cycle display of either backwash or rinse will alternate with the total regen time remaining screen for the self-cleaning backwash. The system runs through the steps automatically and will reset itself to provide treated water when the entire backwash process has been completed.

While the valve is transferring to a new cycle step, the display will flash. The parameter display will identify the destination cycle step (Backwash or Rinse) and the display will read the cycle and the time in that cycle. Once the valve reaches the cycle step, the display will stop flashing and the display will count down the time remaining in that cycle.

During backwash or rinse cycle, you can advance to the next cycle after the display stops flashing and begins the countdown by pressing the Regen button until you see the display change.

To check the time of day, press the Next button, press again to see the # of Days to Regen and press again to return to home screen

set the time of day

Step 1: Press CLOCK

Step 2: TIME-HOUR Screen, 12: PM. Adjust UP or DOWN to set the hour and AM or PM. Once adjusted to the hour and time of day, Press NEXT

Step 3: TIME-MINUTES Screen, :00 Adjust UP or DOWN to set the minutes. Once adjusted to the minutes, Press NEXT and return the the HOME screen

ok, lets conserve some water

step by step to reduce backwash time and what you'll see

Step 1: To Enter, Press the NEXT & DOWN ARROW at the SAME TIME for 3 seconds or until you see the TYPE Screen appear.
Then, Press NEXT and BACKWASH TIME Screen will appear

TYPE Screen

FILTERING BW/RINSE

SET TYPE

NOTE: If this screen does not appear we need to unlock the valve. To Unlock, Press the DOWN ARROW, NEXT & UP ARROW in that order and then Press the NEXT & DOWN ARROW at the SAME TIME for 3 seconds until The TYPE Screen appears.

Step 2: BACKWASH TIME Screen, see flashing time 10:00 MIN
Press DOWN ARROW to adjust to 8:00 MIN
then Press NEXT and RINSE TIME will appear

BACKWASH TIME

SET 10:00 MIN

Step 3: RINSE TIME Screen, see flashing time 10:00 MIN
Press DOWN ARROW to adjust to 3:00 MIN
then Press NEXT and RELAY 1 will appear

RINSE TIME

SET 10:00 MIN

Step 4: DELAYED Screen, Do Not Adjust. Press NEXT

DELAYED

SET REGEN

Step 5: RELAY 1 Screen, see flashing OFF. Do Not Adjust. Press NEXT

OFF

SET RELAY 1

Step 6: RELAY 2 Screen, see flashing OFF. Do Not Adjust. Press NEXT

OFF

SET RELAY 2

Step 7: SERVICE ALARM Screen, see flashing OFF. Do Not Adjust. Press NEXT

SERVICE ALARM

SET OFF

DONE: HOME Screen will appear
Backwash time has been reduced from 20 minutes to 11 minutes

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see next page to change days between backwash or time of backwash

step by step to change backwash frequency or days between backwash

Step 1: To Enter, Press the NEXT & UP ARROW at the SAME TIME for 3 seconds or until you see the DAYS BETWEEN REGEN Screen appear.

NOTE: If this screen does not appear we need to unlock the valve. To Unlock, Press the DOWN ARROW, NEXT & UP ARROW in that order and then Press the NEXT & UP ARROW at the SAME TIME for 3 seconds until The DAYS BETWEEN REGEN Screen appears.

DAYS BETWEEN REGEN	
SET	10

Press UP or DOWN ARROW to adjust the days between backwash.
Adjust based on water usage and local water conditions. Do not exceed 90.

Press NEXT and REGEN TIME HOUR Screen will appear

Step 2: REGEN TIME HOUR Screen, see flashing hour time 12:00 AM. If keeping the pre-set time Press NEXT and REGEN TIME MIN will appear

REGEN TIME HOUR	
SET	12:00 AM

Step 3: REGEN TIME MIN Screen, see flashing minute time. If keeping the pre-set time Press NEXT and HOME Screen will appear

REGEN TIME MIN	
SET	12:00 AM

DONE: HOME Screen will appear

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step by step to change the time the system backwashes

Step 1: To Enter, Press the NEXT & UP ARROW at the SAME TIME for 3 seconds or until you see the DAYS BETWEEN REGEN Screen appear.
Press NEXT and REGEN TIME HOUR Screen will appear

NOTE: If this screen does not appear we need to unlock the valve. To Unlock, Press the DOWN ARROW, NEXT & UP ARROW in that order and then Press the NEXT & UP ARROW at the SAME TIME for 3 seconds until The DAYS BETWEEN REGEN Screen appears.

DAYS BETWEEN REGEN	
SET	10

Step 2: REGEN TIME HOUR Screen, see flashing hour time 12:00 AM Press UP or DOWN ARROW to adjust the hour then Press NEXT and REGEN TIME MIN will appear

REGEN TIME HOUR	
SET	12:00 AM

Step 3: REGEN TIME MIN Screen, see flashing minute time. Press UP or DOWN ARROW to adjust the minute then Press NEXT and HOME Screen will appear

REGEN TIME MIN	
SET	12:00 AM

NOTE: The change in AM or PM and the correct time you want the system to go into backwash

DONE: HOME Screen will appear

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