

# CHLOR-OUT

## Easy Installation / Programming Guide



### Step 1 - Setting the Current Time

Press and hold **Set** for 5 seconds.

Use the **(UP)** ▲ or **(DOWN)** ▼ arrows to set the hour, making sure the AM/PM indicator is correct.

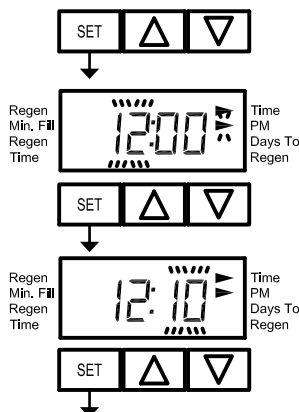
- PM shows an arrow; AM shows no arrow.

- Note: With 60 Hz line-frequency detection at power-up, timekeeping is 12-hour with a PM indicator. With 50 Hz, timekeeping is 24-hour without a PM indicator.

Press **SET** when the correct hour is displayed to move to minutes.

Use the **(UP)** ▲ or **(DOWN)** ▼ arrows to set the minutes.

Press **SET** to exit Time of Day.



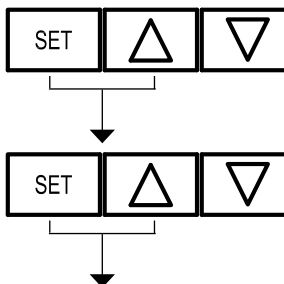
### Step 2 - Enter Installer Mode

From normal mode (service)

Press **SET** + **(UP)** ▲ together for 5 seconds and release.

Press **SET** + **(UP)** ▲ together again for 5 seconds and release.

Press **SET** to go to **Step 3**.



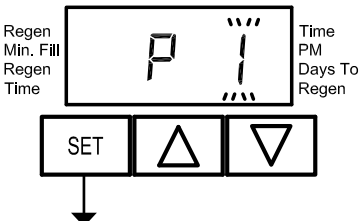
### Step 3 - Program Selection

#### Set to "P8"

The display will show a program code. Use **(UP)** ▲ / **(DOWN)** ▼ to choose **P8** (correct for backwash units)

*\*\*Before selecting, verify the correct valve body, main piston, regenerant piston, and stack are installed, and the injector/injector plug(s) are in the correct locations.*

Press **SET** to go to **Step 4**.

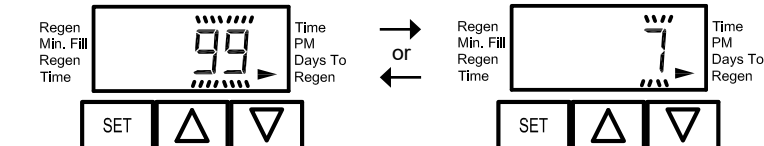


### Regeneration Cycles & Time for Programs

All time in Minutes					
Program	C1 1st Backwash	C2 Regenerate	C3 2nd Backwash	C4 Rinse	C5 Fill
P0	3	50	3	3	1-99
P1	8	50	8	4	1-99
P2	8	70	10	6	1-99
P3	12	70	12	8	1-99
P4	10	50	Skipped	8	1-99
P5	4	50	Skipped	4	1-99
P6	12	6	Skipped	12	1-99
P7	6	Skipped	Skipped	4	Skipped
P8	10	Skipped	Skipped	6	Skipped
P9	14	Skipped	Skipped	8	Skipped

### Step 4 - Days Between Regeneration

#### Set to "99" & arrow pointing at "DAYS TO REGEN"



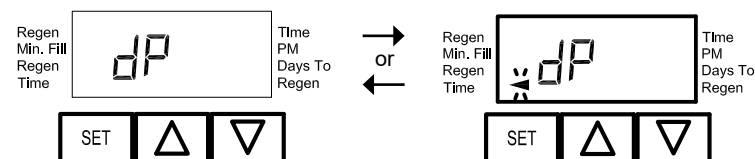
Use **(UP)** ▲ / **(DOWN)** ▼ to choose between:

- **1-99 Days Between** – Regeneration is determined by how many days have passed since the last scheduled regeneration.
- **7-Day** – Regeneration is scheduled on specific days of the week.

Press **SET** to go to **Step 5**.

### Step 5 - Differential Pressure (DP)

#### NO ARROW POINTING TO REGEN TIME

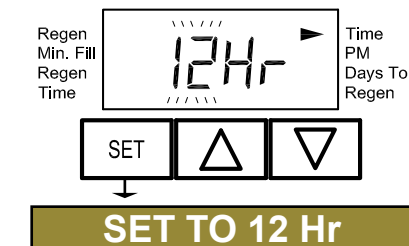


Return to Normal Mode

Make sure no arrow is pointing at **"REGEN TIME"**. If an arrow appears, use **(UP)** ▲ / **(DOWN)** ▼ to toggle it off.

Press **SET** to go to **Step 6**.

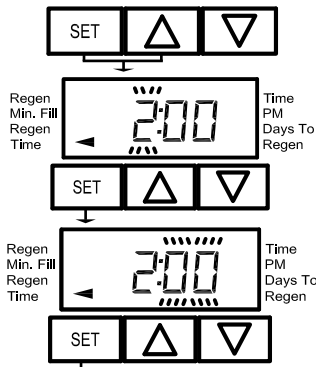
### Step 6 - Hour Clock



Use **(UP)** ▲ / **(DOWN)** ▼ to select between **12 Hr** and **24 Hr** Clock.

Press **SET** to return to normal mode (service).

### Step 7 - Regeneration Time



Press **SET** + **(UP)** ▲ together for 3 seconds and release (**do not repeat**).

Use **(UP)** ▲ / **(DOWN)** ▼ to set the Regeneration Time Hour to **12 AM** (prevents overlap with a softener, if softener is used in conjunction with unit).

#### SET REGEN TIME TO 12:00 AM

Press **SET** to continue to minutes.

Use **(UP)** ▲ / **(DOWN)** ▼ to set the Regeneration Time minutes.

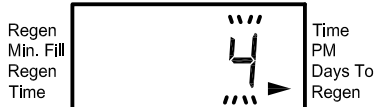
Press **SET** to go to **Step 8**.

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### Step 8 - Days to Regen



Use (UP) ▲ / (DOWN) ▼ to select range between 1-99 days.  
**Set to 3 days.**



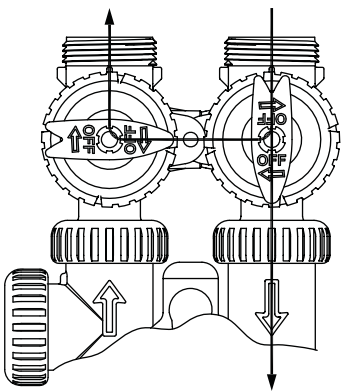
**SET TO 3 DAYS**

Return to Normal Mode

Press **SET** to return to normal mode (service).

### Step 10

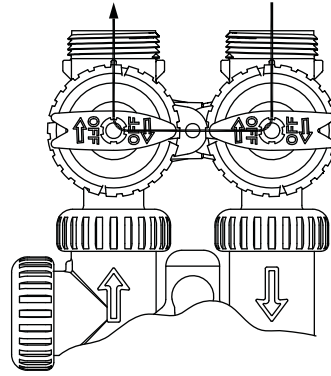
SUPPLY WATER EXITS  
SUPPLY WATER ENTERS



Once the backwash countdown begins, slowly open the bypass inlet side. This will release the air from the tank while preventing the media from being lifted into the drain line.

### Step 9

SUPPLY WATER EXITS  
SUPPLY WATER ENTERS



After installation, leave the valve in bypass mode and turn the water supply back on.

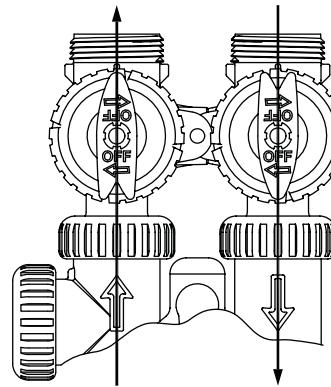
Next, set the valve to **Backwash**, on Clack TC valves you do this by pressing (UP) ▲ / (DOWN) ▼ together for 5 seconds.

Continue to **Step 10**.

### Step 12

#### IMPORTANT INSTRUCTION PLEASE READ:

SUPPLY WATER EXITS  
SUPPLY WATER ENTERS



After all the air has been released, fully open the bypass on both the inlet and outlet sides.

The system will automatically run through a full regeneration and finish on its own—no further action required. When the cycle completes, your system is ready for use and the installation is complete.

**Installation complete.  
Your system is now ready for use.**