

Flex-Chlorinator™

The Flex-Chlorinator offers a flexible solution to supplement your current water filtration systems and provide residual disinfection. Using readily available household bleach or liquid chlorine, you can achieve the residual chlorine levels necessary to meet local health regulations even during emergency response.

Operating Procedures

- Attach the Flex-Chlorinator between your water treatment system and your water distribution point.
- Using the included containers or any appropriate vessel, mix the chlorine solution according to the Dilution Charts below.
- Place the Flex-Chlorinator dip tube in the chlorine solution.
- Start the flow of water. There are no power requirements.
- When you see the chlorine solution moving through the dip tube, you know the system is operating properly.
- Find the full operation manual at: www.firstwaterinc.com/manuals

Warnings

- Only use standard household bleach with no detergent or fragrance additives.
- The Flex Chlorinator must be used in-line with and after an appropriate filtration system.
- The local Health Department should be consulted for appropriate residual chlorine levels.
- Flow the system for one minute before attaching to your distribution point.

Dilution Chart

Using Household Bleach (5.25% Sodium Hypochlorite)				
Step 1:		Step 2:		Step 3:
For a CL demand of		Add		
0.5	ppm	1.53	oz of CL	Then add water to reach a total of 5 gallons
1	ppm	3.06	oz of CL	
2	ppm	6.15	oz of CL	
3	ppm	9.28	oz of CL	
4	ppm	12.43	oz of CL	
5	ppm	15.61	oz of CL	
6	ppm	18.82	oz of CL	
7	ppm	22.07	oz of CL	
8	ppm	25.35	oz of CL	
9	ppm	28.66	oz of CL	
10	ppm	32.00	oz of CL	
11	ppm	35.38	oz of CL	
12	ppm	38.79	oz of CL	

Using Liquid Chlorine (12% Sodium Hypochlorite)				
Step 1:		Step 2:		Step 3:
For a CL demand of		Add		
0.5	ppm	0.67	oz of CL	Then add water to reach a total of 5 gallons
1	ppm	1.34	oz of CL	
2	ppm	2.68	oz of CL	
3	ppm	4.03	oz of CL	
4	ppm	5.38	oz of CL	
5	ppm	6.74	oz of CL	
6	ppm	8.10	oz of CL	
7	ppm	9.47	oz of CL	
8	ppm	10.85	oz of CL	
9	ppm	12.23	oz of CL	
10	ppm	13.62	oz of CL	
11	ppm	15.01	oz of CL	
12	ppm	16.41	oz of CL	