DUO-SOFT™ WATER SOFTENER

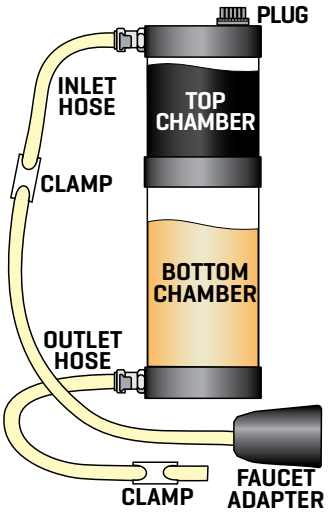
CODE 1022 and 1022-FLD

INTRODUCTION

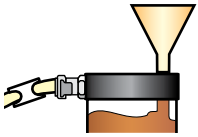
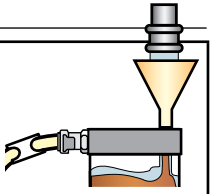
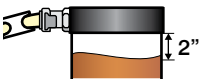
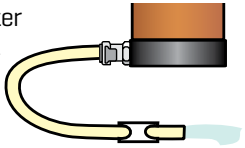
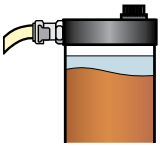
The DuoSoft Water Softener is designed to produce high quality treated water. Each unit has a faucet adapter that easily connects to any standard faucet. The two chambers may be filled with the media of choice for specific problem water. Water passes through both chambers and is treated by both types of media.

Read all instructions before use.

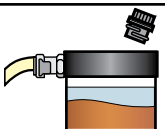
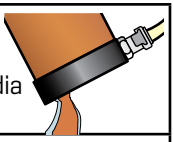
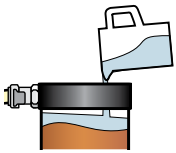
NOTE: This softener DOES NOT yield water suitable for drinking.



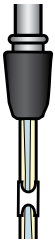
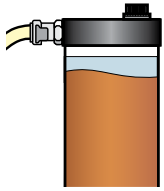
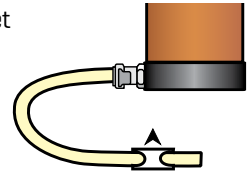
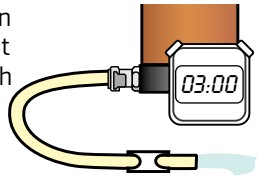
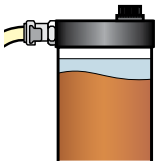
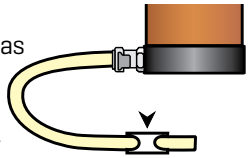
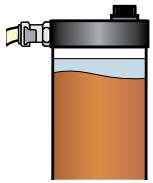
PROCEDURE A - ADDITION OF MEDIA

1. With the aid of a funnel, add the fresh media to the column. 	2. Tap water may be added to the media in the funnel to facilitate filling of the column. 
3. Continue adding media to the column until the resin is about 2 inches from the top of the column. 	4. Allow excess water to drain from outlet hose. 
5. Clean threaded area completely and replace the black plug in the top of column. 	To add the media in the bottom chamber, turn unit upside down and repeat Addition Steps 1-5. When media has been added to both chambers, proceed with Procedure A. When using carbon media, it is suggested that it be used in the top chamber.

PROCEDURE A - REMOVAL OF MEDIA

1. To replace media, remove black plug from the top of dispenser. 	2. Unclamp outlet hose and turn softener upside down. Allow exhausted media and water to run to waste. 
3. By adding more water to the column and shaking, the remaining media can be easily removed. 	To remove the media in the bottom chamber, turn unit upside down and repeat Removal Steps 1-3. To add new media, follow Addition Steps 1-5 for both chambers.

PROCEDURE B - INSTRUCTIONS FOR USE

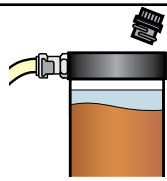
1. Allow water to run from faucet briefly to visually gauge pressure. 	2. Attach adapter on inlet hose to faucet. Fully open clamp on inlet hose. 
3. SLOWLY turn on faucet and adjust the flow of water into softener until the stream of water is about 1/8 inch in diameter. Maintain a gentle flow to prevent excessive pressure in the adapter. 	4. Fill chamber until a 1 inch layer of water is visible over the media. 
5. Unclamp outlet hose at bottom of softener. 	6. Let effluent run to waste for about 3 minutes to wash out residue from the previous sample. 
7. Adjust flow to maintain the 1 inch layer of water over the media. 	8. After enough softened water has been collected, turn off faucet and clamp outlet hose. 
9. When softener is disconnected from faucet, clamp inlet hose. 	10. If softener will be stored unused for any length of time, keep a 1 inch layer of water over resin column to prevent drying and cracking. 

PROCEDURE C - REGENERATION OF RESIN IN TOP CHAMBER

Follow manufacturers' instructions for regeneration of media. Cation exchange resin may be regenerated in the following manner. NOTE: Due to build up of air pressure, it is not possible to regenerate both chambers at the same time. Follow steps 1-8 to regenerate top chamber, then Procedure D to regenerate bottom chamber.

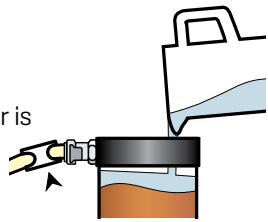
1. Prepare salt solution by dissolving about ½ pound of salt (sodium chloride) in 1 quart of water.

2. Remove black plug from top of softener.

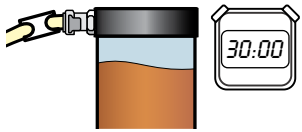


3. Clamp outlet tube.

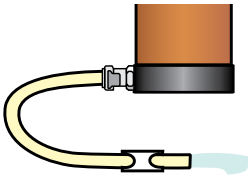
Add salt solution until top chamber is completely full.



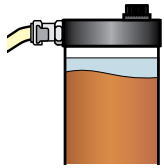
4. Allow to stand for about 30 minutes.



5. Unclamp outlet hose at bottom of softener.

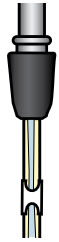


6. Clean threaded area completely and replace black plug in top of softener.



7. Attach adapter on inlet hose to faucet.

8. Wash resin with approximately 1 gallon of tap water.



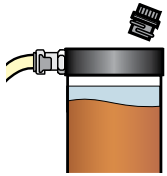
9. At this point the resin in the top chamber should be completely regenerated.

PROCEDURE D - REGENERATION OF RESIN IN BOTTOM CHAMBER

Follow manufacturers' instructions for regeneration of media. Cation exchange resin may be regenerated in the following manner.

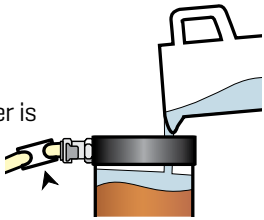
1. Prepare salt solution by dissolving about ½ pound of salt (sodium chloride) in 1 quart of water.

2. Turn softener upside down and remove black plug from bottom of softener.

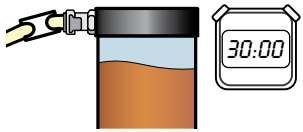


3. Clamp outlet tube.

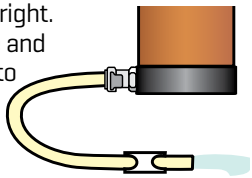
Add salt solution until top chamber is completely full.



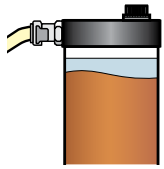
4. Prop up the softener. Allow to stand for about 30 minutes.



5. Turn softener upright. Unclamp inlet tube and allow salt solution to run to waste.

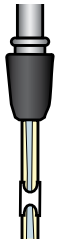


6. Clean threaded area completely and replace black plug in top of softener.



7. Attach adapter to faucet.

8. Wash resin with approximately 1 gallon of tap water.



9. At this point the resin in the bottom chamber should be completely regenerated.

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