



DUO-SOFT™ WATER SOFTENER

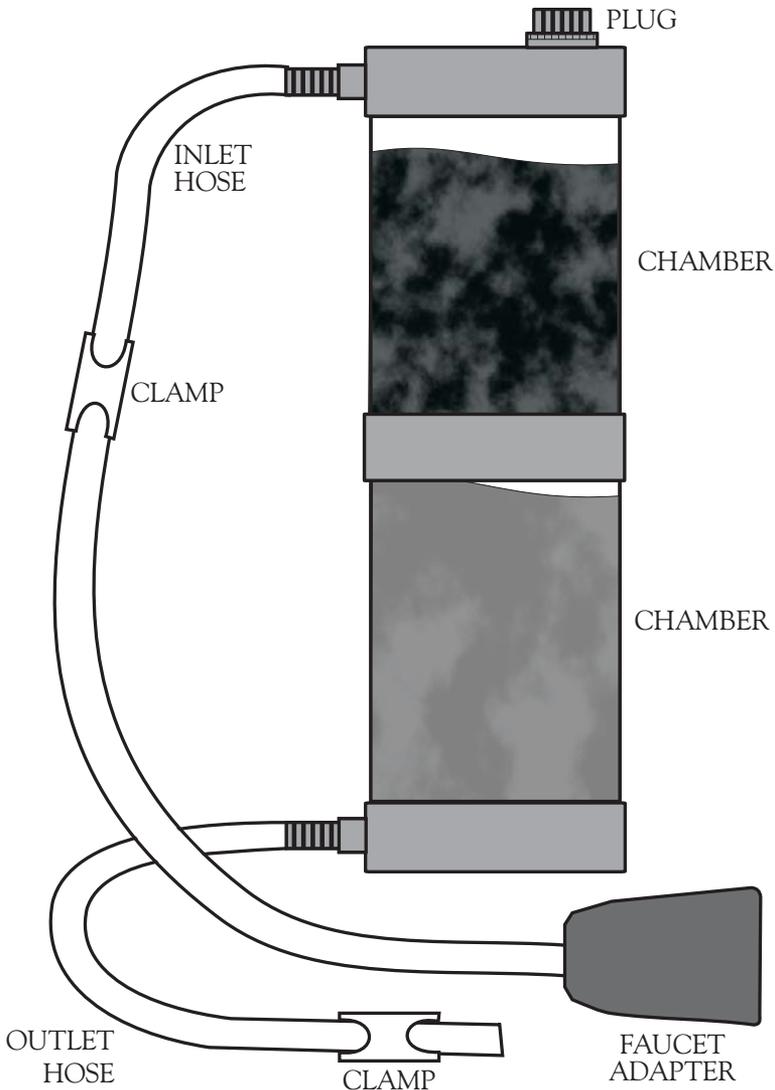
CODE 1022

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.

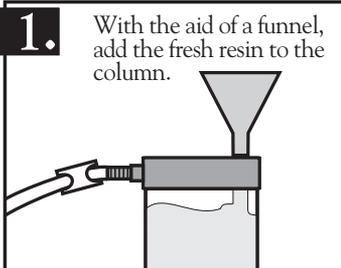
NOTE: This softener **DOES NOT** yield water suitable for drinking.



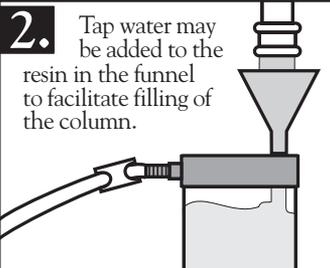
PROCEDURE A - ADDITION AND REMOVAL OF RESIN

ADDITION

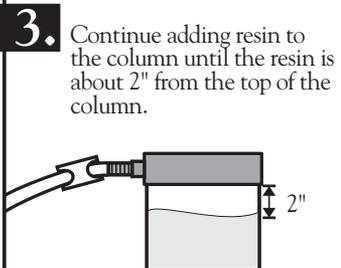
1. With the aid of a funnel, add the fresh resin to the column.



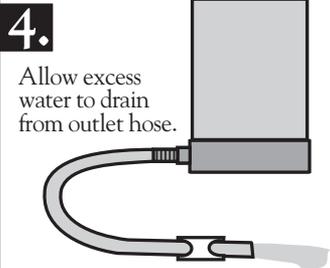
2. Tap water may be added to the resin in the funnel to facilitate filling of the column.



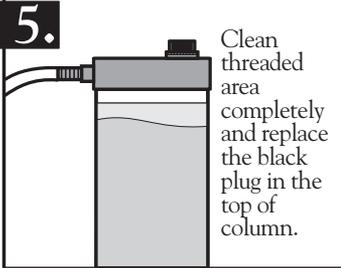
3. Continue adding resin to the column until the resin is about 2" from the top of the column.



4. Allow excess water to drain from outlet hose.



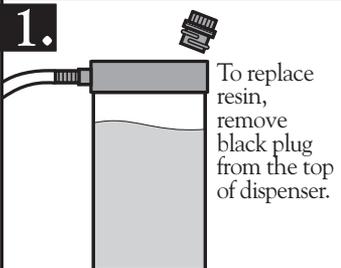
5. Clean threaded area completely and replace the black plug in the top of column.



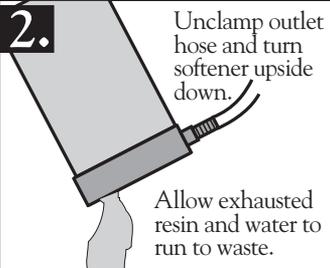
6. To add the media in the bottom chamber, turn unit upside down and repeat Addition Steps 1-5. When media has been added to both chambers, proceed with Procedure B.
NOTE: When using carbon it is suggested that the carbon be used in the top chamber.

REMOVAL

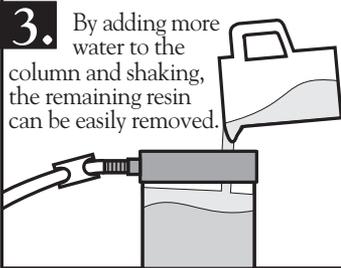
1. To replace resin, remove black plug from the top of dispenser.



2. Unclamp outlet hose and turn softener upside down. Allow exhausted resin and water to run to waste.

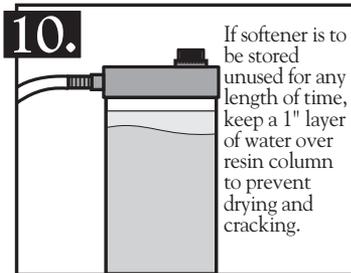
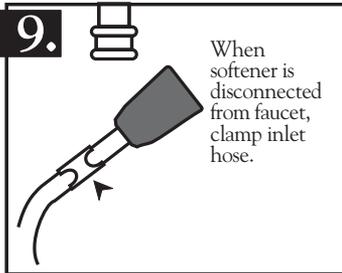
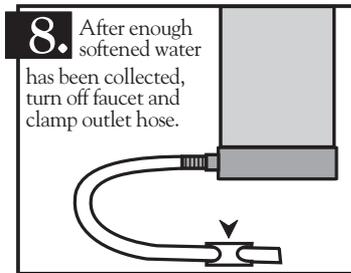
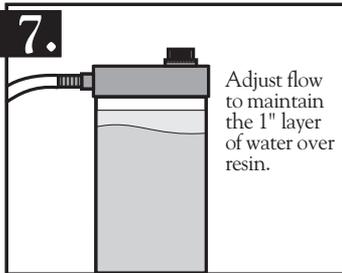
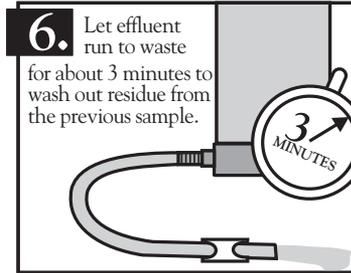
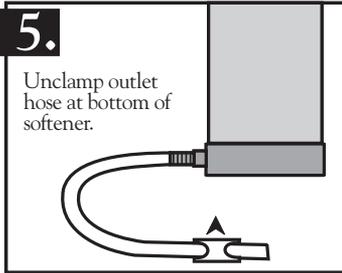
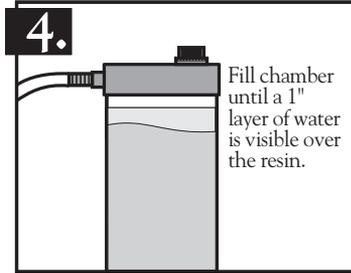
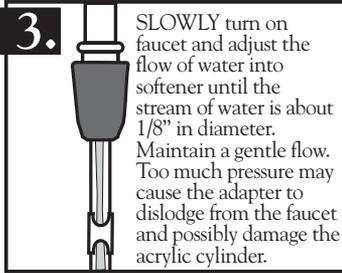
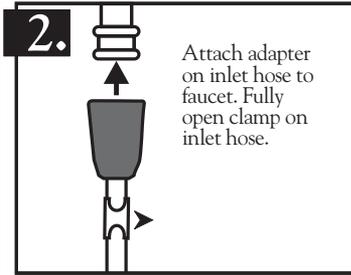
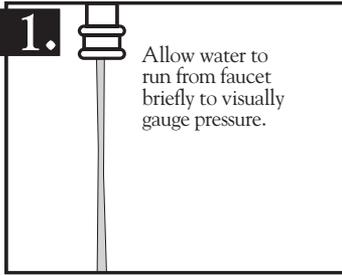


3. By adding more water to the column and shaking, the remaining resin can be easily removed.



4. 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.

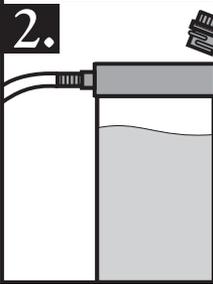
PROCEDURE B - INSTRUCTIONS FOR USE

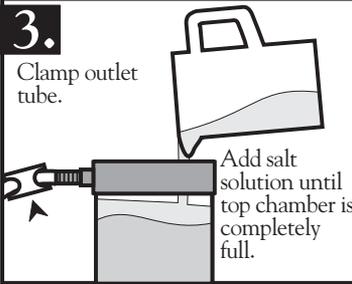


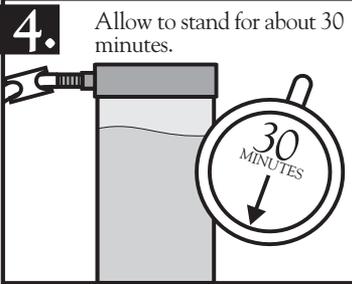
PROCEDURE C - REGENERATION OF RESIN IN TOP CHAMBER

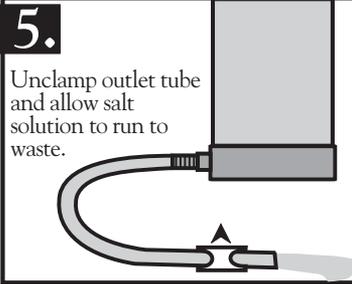
Follow manufacturers' instructions for regeneration of media. Cation exchange resin may be regenerated in the following manner. NOTE: Due to build up of air pressure, it is not possible to regenerate both chambers at the same time. Follow steps 1-8 to regenerate top chamber, then procedure D to regenerate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

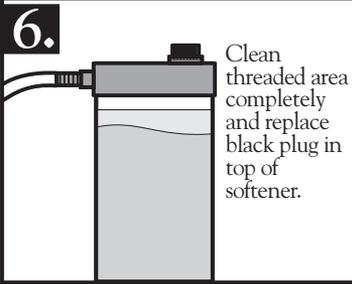
- 

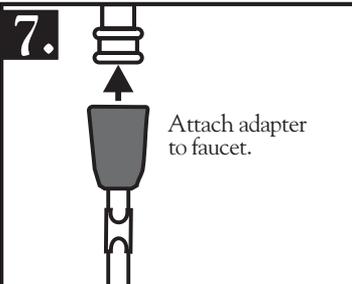
1. Prepare salt solution by dissolving about $\frac{1}{2}$ pound of salt (sodium chloride) in 1 quart of water.
- 

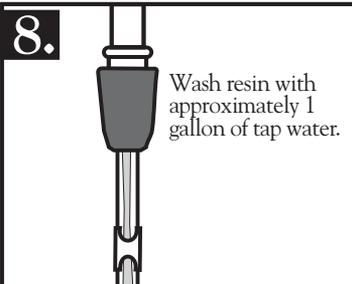
2. Remove black plug from top of softener.
- 

3. Clamp outlet tube. Add salt solution until top chamber is completely full.
- 

4. Allow to stand for about 30 minutes.
- 

5. Unclamp outlet tube and allow salt solution to run to waste.
- 

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

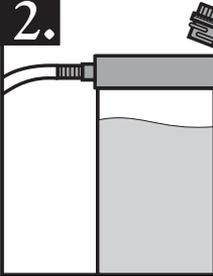
7. Attach adapter to faucet.
- 

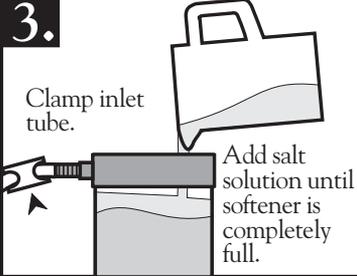
8. Wash resin with approximately 1 gallon of tap water.
9. At this point the resin in the top chamber should be completely regenerated.

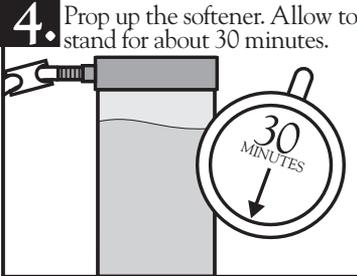
PROCEDURE D - REGENERATION OF RESIN IN BOTTOM CHAMBER

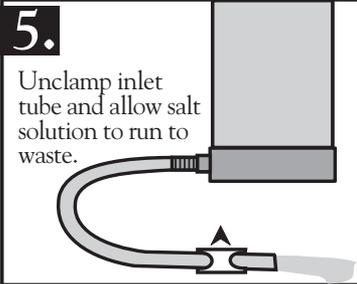
Follow manufacturers' instructions for regeneration of media. Cation exchange resin may be regenerated in the following manner.

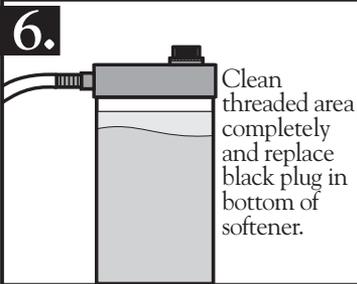
- 

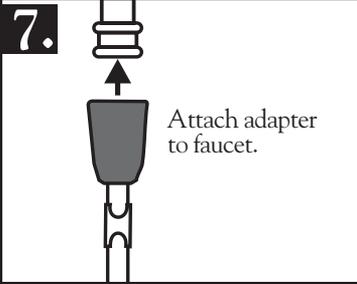
1. Prepare salt solution by dissolving about ½ pound of salt (sodium chloride) in 1 quart of water.
- 

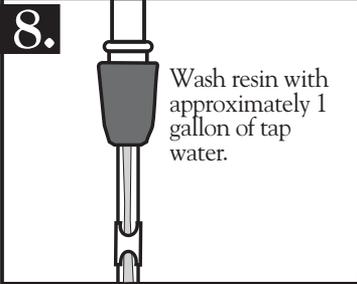
2. Turn softener upside down and remove black plug from bottom of softener.
- 

3. Clamp inlet tube. Add salt solution until softener is completely full.
- 

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

5. Unclamp inlet tube and allow salt solution to run to waste.
- 

6. Clean threaded area completely and replace black plug in bottom 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.

LaMOTTE COMPANY

Helping People Solve Analytical Challenges®

PO Box 329 • Chestertown • Maryland • 21620 • USA
800-344-3100 • 410-778-3100 (Outside U.S.A.) • Fax 410-778-6394
Visit us on the web at www.lamotte.com