

# KLEENSTEAM®

## — DELIMING INSTRUCTIONS —

### Deliming Tips

- Use only Everpure's ScaleKleen™ deliming material. Other harsh acids will severely damage bowl material and clog system orifices resulting in a service call.
- Use a one kilogram (2.2 lb) package to delime most countertop units.
- Use four kilograms (2.2 lb) packages to delime most boiler-base units.

### STEPS

1. Turn off the power switch on the steamer.
2. Blow down steamer. Blow down is done automatically on some steamers when power is turned off. Manually blow down the steamer if it is not automatic.
3. Turn off inlet water to Kleensteam system by rotating valve handle in a counterclockwise direction as far as possible.
4. Depress the red relief valve located on tops of the white AR-X bowl head to relieve system pressure.
5. Unscrew the clear bowl and remove the SS-10 cartridge. Dispose of the exhausted cartridge in normal trash and empty bowl of any remaining water.
6. Remove the dip tube (p/n EV3080-40) from it's holding clip, located on the blue backplate. Insert the tube. O-ring first, into the center port of the head until the dip tube bottoms out.
7. Open one kilogram (2.2 lb) package of ScaleKleen™ and empty it into the clear bowl. Wipe off any excess ScaleKleen™ material which may be on the bowl threads or O-ring.
8. Screw the bowl back into the head — hand tight only! NOTE: The dip tube may become packed with ScaleKleen™. This is normal and will not affect the deliming procedure.
9. Turn on the inlet water to the Kleensteam unit by rotating the valve handle in a clockwise manner until it stops.
10. Turn on the power to the steamer. NOTE: This action will quickly introduce the ScaleKleen™ material directly into the boiler chamber. If you are deliming a countertop steamer, proceed to step 11. If you are deliming a boiler-base unit, monitor ScaleKleen™ level in bowl. When it drops to 1", quickly turn off inlet water at valve handle. Now relieve pressure and unscrew bowl from head. Add another kilogram of ScaleKleen™ to the bowl and reintroduce the material into the boiler. Repeat this procedure until four (4) kilograms of ScaleKleen™ have been introduced into the boiler chamber. Proceed to step 11.
11. With ScaleKleen™ material introduced into the boiler chamber and the inlet water turned on, allow the steamer (countertop or boiler-base) to come up to operating temperature and pressure, and hold for one hour.
12. Thirty minutes into the deliming procedure, turn on steam to cooking chamber(s) for one minute. This will delime the distribution lines, small orifices, and steam solenoid valves.
13. After one hour of deliming the steamer at operating temperature and pressure, turn the steamer power switch to the off position.
14. Manually blow down the steamer if it is not done automatically when the power is turned off.
15. Fill the boiler with fresh, clean water and repeat blow down a second time to void the boiler chamber of any undissolved loose scale.
16. After the second blow down, turn the steamer power switch to the off position, and turn off the inlet water at the valve handle on the Kleensteam unit.
17. Relieve system pressure by depressing the red relief valve on the white AR-X head until all air is exhausted and water begins to escape.
18. Unscrew the clear bowl and remove the dip tube from the head. **BE SURE TO REPLACE THE DIP TUBE IN IT'S HOLDER ON THE BLUE BACKPLATE!**
19. Install a new SS-10 cartridge into the head, and screw the bowl back into the head. Hand tighten only!
20. Turn on the inlet water. Relieve trapped air in the clear bowl by depressing the red relief valve on the white AR-X bowl head until air is exhausted and water starts to escape.
21. Turn the steamer power switch to the on position. Steamer is now ready to be replaced back into service.
22. Be sure to order AR-10 replacement cartridges, ScaleKleen™, and 7CB5 filter cartridges to maintain worry-free operation of your steamer.

Should you have any questions about the Kleensteam system and it's use and operation, call Everpure's Technical Service Department toll free at (800) 942-1153 (ext. 5) Monday through Friday, 8:00 am — 5:00pm CST

**This page contains materials and DCO information.  
IT DOES NOT PRINT AS PART OF THE DOCUMENT!**

**Materials & Description: Kleensteam Deliming Instructions      EV308071**

**Size:            8 1/2" x 11"**

**Color:          Black, 1 Sided**

**Stock:          20# White**

**Other:**

LET	CHANGE	BY	APRVD	DCO	DATE
A		BPP	JT		09/13/94
B	UPDATE ART & ADD SPEC	LR	FL	6903	09/29/03