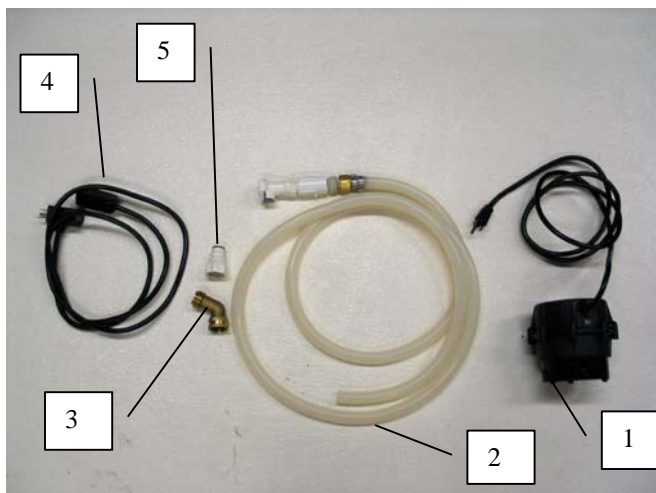


*Cleveland Range has developed the Descaling Pump System for owners of the SteamCraft Ultra and Gemini Series Convection Steamers.*

*The Pump System provides a fast, highly efficient way to descale Cleveland Steam Cookers. Using the Pump System along with DISSOLVE on a regular basis will dramatically lower your maintenance costs, increase operating efficiency and extend the life of your steamer.*

## Descaling Procedure Atmospheric Generators SteamCraft Ultra 3,5,10, Gemini 6,10 Series Convection Steamers (Using the Descaling Pump System)



***The Descaling Pump System*** (p/n1071421) consists of a (1) submersible pump, (2) Pump Kit Hose Assembly, (3) Gooseneck, (4) the feed hose and couplings necessary to connect to the descaling port, (5) 110 volt cord and plug with) ON/OFF switch.





### **PART A- EQUIPMENT SET-UP**

1. Assemble and inspect pump kit hose assy. on pump as per picture on page 1.
2. Install the disconnect on the gooseneck.
3. Plug the pump into the ON/OFF power cord.
4. Use Safety glasses and gloves (not supplied).

### **PART B- DESCALING**

5. Turn the steamer's **POWER ON/OFF** Switch to **OFF**. This will drain the water from the steamer and go into a 3-minute rinse cycle.
6. Remove the cap on the descale port and install the gooseneck assy. on the descale port finger tight.
7. After drain and rinse cycle is completed (approx. 3 minutes) turn the main **POWER ON/OFF** Switch to **ON**. Make sure the **COMPARTMENT TIMER** is at "**0**" and the **TIMED/MANUAL** Switch is in the **TIMED MODE** (or if no timer the **CABINET STEAM** Switch is in the **Off** position) and the doors are open. This will allow water to fill the steamer and prevent the steamer from heating the water into steam. Do not start steaming. Wait for 5-minutes until the generator is filled.
8. Place the pump in the 5 gallon container.
9. Prepare the **DISSOLVE** descaling solvent and water mixture in the 5-gallon container. Start with 3 gallons of cold water and add the Amount of dissolve shown in the chart at the end of these instructions.
10. Plug in the ON/OFF power cord.
11. With the Pump in the solution, attach Pump Hose Assy to the disconnect on the Descaling Port located on top of the steamer. Pump the **DISSOLVE** and **WATER** mixture listed below by turning **ON** the **POWER SWITCH** located on the 110-volt power cord. Turn the Pump Switch **OFF** when the solution comes out the Steam Jet's in the cooking compartment. (The 24CGA10 will have liquid coming from the drain not the cabinets). Add more water to the 5 gallon container if necessary to prevent solution level dropping below the top of the pump.
12. Remove any solution in the cabinet with a towel.
13. Allow the solution to sit in the generator for between 60 and 90 minutes. Do not start steaming.
14. Remove the Pump Hose Assy from the disconnect by depressing the gray release button and pulling away from the disconnect.
15. Remove the pump from the 5 gallon container. Dump out the remaining **DISSOLVE** and **WATER** solution.

### **PART C- CLEAN WATER RINSE**

16. Turn the steamer's main **POWER ON/OFF** switch to **OFF**. This will drain the generator and go into a 3-minute rinse cycle
17. When the drain / rinse cycle is completed (approx. 3 minutes), Turn the main **POWER** to **ON** and allow water to refill the generator (approx. 5 minutes). Make sure the Timer is set to "0" and the **TIMED/MANUAL** Switch is on **TIMED** (or if no timer, the **CABINET STEAM** Switch is in the **Off** position) and the doors are open
18. Refill the 5-gallon pump container full with 4 gallons of water and one cup of baking soda.
19. Place the pump in the 5 gallon container.
20. Attach the Pump Hose Assy to the disconnect.



21. Pump the **WATER** and **BAKING SODA** mixture by turning **ON** the **POWER SWITCH** located on the 110-volt power cord. Pump the solution until it comes out the Steam Jets in the cooking compartment (or the drain in the 24CGA10). Turn Off the pump at the power switch on the power cord. Let sit for 5 minutes
22. Turn **OFF** the steamer's **POWER** Switch and allow the generator to drain (approx. 3 minutes).

**PART D- TAKE DOWN AND RETURN TO SERVICE**

23. Disconnect the hose from the descaling port located on top of the steamer.
24. Remove the gooseneck assy from the descaling port.
25. Put cap back on descaling port.
26. After the drain / rinse cycle is complete, Turn the main **POWER** switch to **ON**. Close the door. Turn the **TIMED/MANUAL** switch to **TIMED** position and set the compartment timer for 20-minutes.
27. After the timer has counted down to "0" Turn **OFF** the steamer's **POWER** Switch and allow the generator to drain (approx. 3 minutes). The steamer is now ready to cook.

<b>How much DISSOLVE to use</b>	<b>Amount of DISSOLVE</b>
SteamCraft Ultra 3 Model <u>21CET8</u>	One Gallon
SteamCraft Ultra 5, Model <u>21CET16, 21CGA5</u>	One Gallon
SteamCraft Ultra 10, Model <u>24 CEA10</u>	One Gallon (per compartment)
SteamCraft Ultra 10, Model <u>24CGA10</u>	One and one half gallon
Gemini 6 and 10 model <u>24CGA6,24CGA10.2</u>	One Gallon (per compartment)