

Cleveland™

Descaling Procedures



Cleveland™



Descaling SteamCraft Ultra & Gemini Procedures

WARNING !!!



Apron

When using descaler safety equipment is always recommended.

Gloves

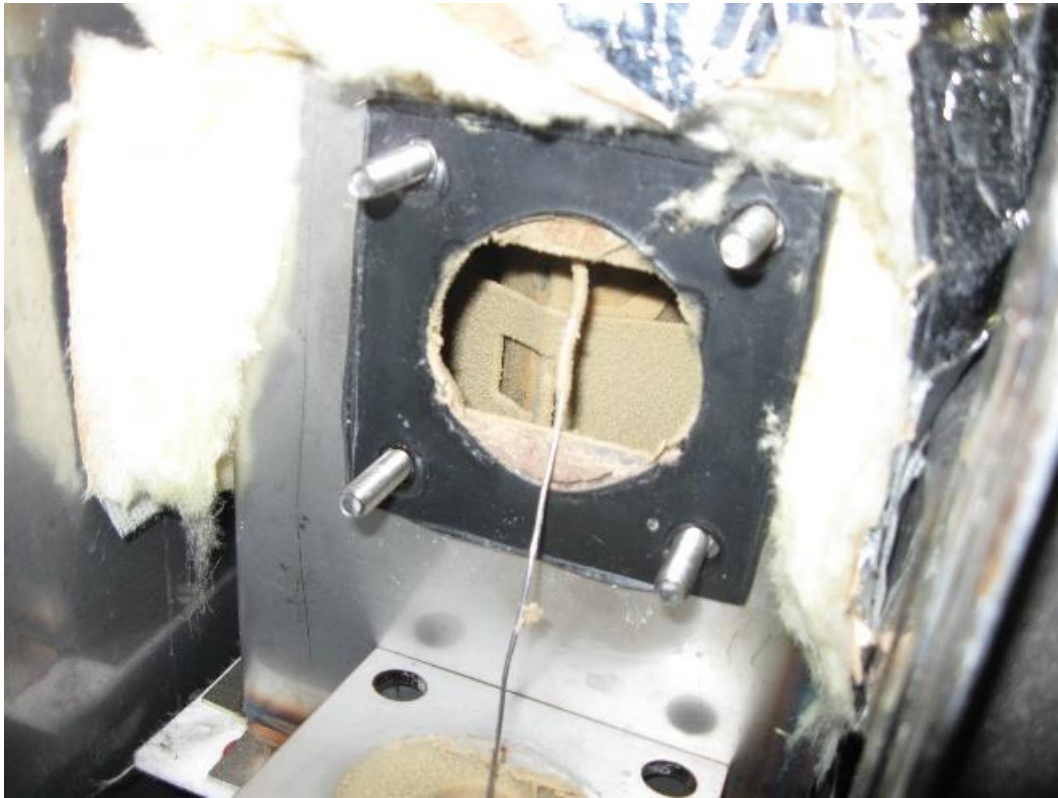


**Face Shield
Or
Safety Glasses**



Examples of Scale in an Ultra and/or Gemini Boiler

Typical view of scale buildup from a properly maintained boiler ready to descale



Do not descale gas boiler with 4"-6" of scale or more. After several hours of labor to descale it, it most likely will have pin hole leaks in the wall.



Descaling Ultra and Gemini Boiler

Whenever you descale you should have a neutralizer/box of baking soda. You will spill the descaling agent!

Beware of Foam.

- No PM/Descaling---No warranty



Why would descaling too often be a problem?

- Placing acid in a clean boiler attacks the boiler.



P/N: 106174



Descaling Ultra and Gemini Boiler

- ½ gallon of dissolve for tabletop models and 1-2 gallons for floor models
- Might be more than one generator per floor model

How Much DISSOLVE to Use

| Model # | Dissolve Per Generator |
|---------------------|------------------------|
| Ultra 3 | ½ Gallon |
| Ultra 5 | 1 Gallon |
| Ultra 10 (Electric) | 1 Gallon |
| Ultra 10 (Gas) | 1 ½ Gallons |
| Gemini 6 & 10 | 1 Gallon |

- Atmospheric generators need to be descaled more often – every 4-9 weeks
- Can be done by the customer



Descaling Ultra and Gemini Boiler



1. Turn the steamer off and let it drain
2. Turn on the steam in timed mode - no time on the timer
3. Remove descaling cap
4. Add the proper amount of dissolve
5. Add more water to descaling port until water enters cabinet
6. Re-install the cap.
7. Clean the water mix from cabinet with neutralizer

Open the door to stop the heating cycle.

We do not want the chemical to be heated.



Descaling Ultra and Gemini Boiler



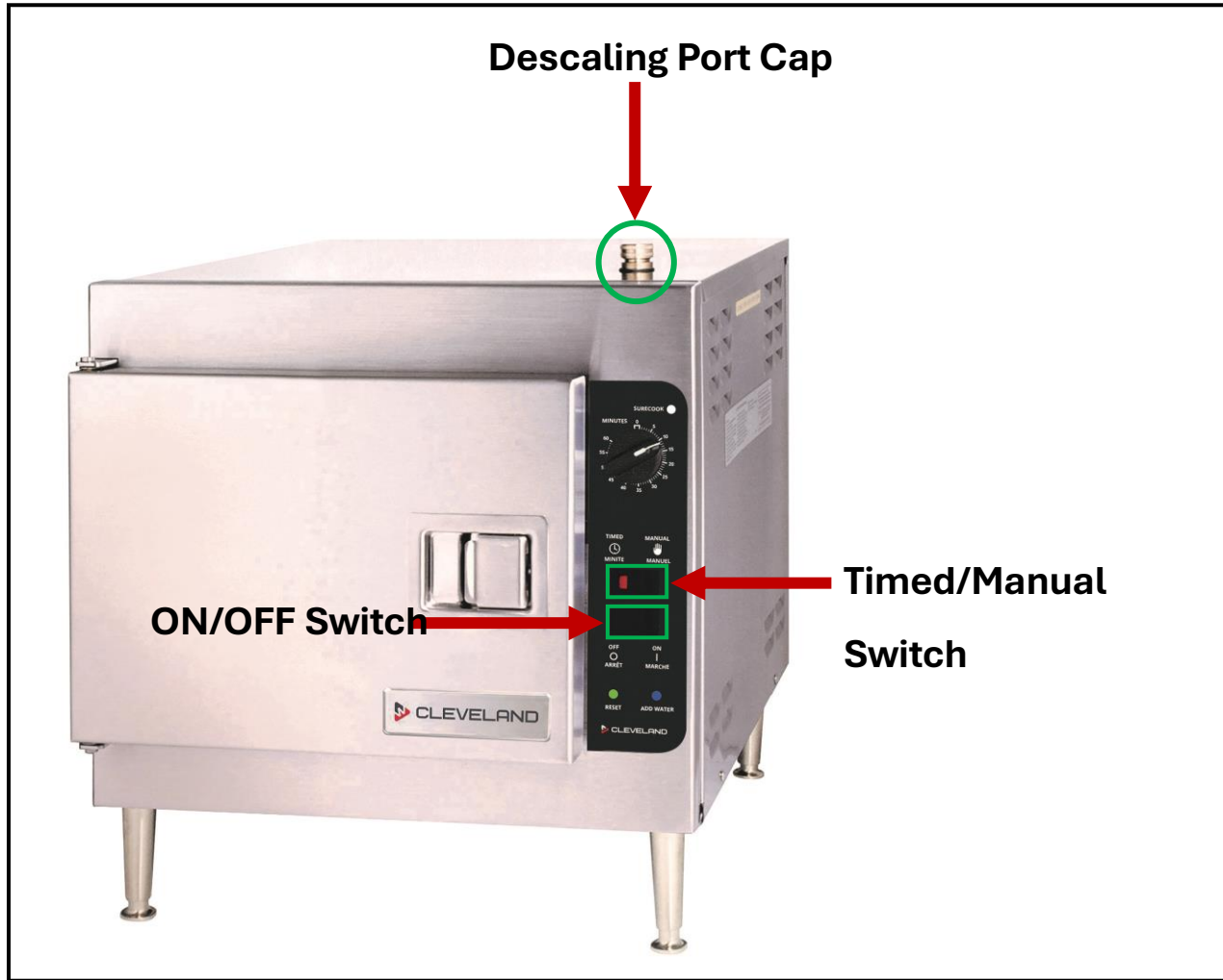
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8. Let the Dissolve do its job. 1-2 hours
9. Turn the steamer off and let it drain
10. Turn back on and add water until it enters the cabinet
11. Repeat steps 8 and 9 two more times
12. Steam for 20 minutes
13. Turn off and release to the customer



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