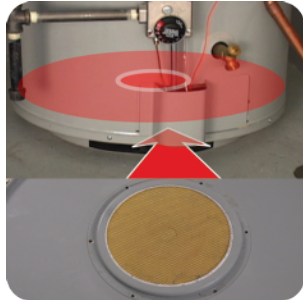




HotWater101:

Filter Cleaning for Gas Water Heaters



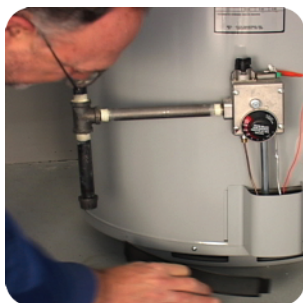
Most residential water heaters produced after 2003 have a Flammable Vapor Ignition Resistance feature, or FVIR. **Most FVIR systems use a metal or ceramic Flame Arrestor and Filter Screen. The Flame Arrestor is located under the water heater's base.**



Pilot outages can sometimes be caused by a dirty Flame Arrestor or Filter Screen, and that dirt could be blocking air needed for combustion. Usually the Flame Arrestor or Filter Screen is blocked with dust or lint and can be cleaned with a common household brush and a vacuum cleaner.



To clean the FVIR system, first turn the water heater off. **Allow the burner to cool for about 15 minutes.**



Locate and remove the Filter Screen.
Note: Some units have two screens.



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Clean the Filter with a soft brush or vacuum. You may need to wash the Filter in hand dish washing soap and water to remove oily residue.



Use a household brush with plastic bristles to clean the Flame Arrestor. Clean using an in and out motion.



Vacuum any lint from the brush and repeat brushing and vacuuming until the **brush is completely clean.**



If the water heater is in a drain pan, use a brush with a flexible handle using an in and out motion and vacuum the brush. Repeat brushing and vacuuming until the brush is completely clean.

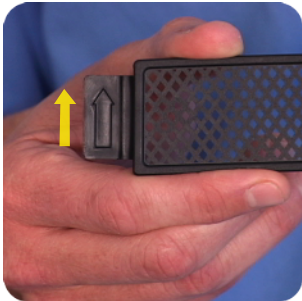


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Vacuum any remaining lint from the bottom of the water heater using the vacuum cleaner's crevice tool.



Once you've cleaned the Flame Arrestor, replace the Filter Screen. **Note that the Filter Screen has arrows, and the arrows should point up when reinstalling the filter.**



After cleaning the FVIR Flame Arrestor and Filter Screen, try relighting the pilot using the instructions on the water heater's label. If the pilot still won't light, a service technician may be needed to perform a more thorough cleaning or to check for other problems.



A wrap-around filter is available at no charge. The wrap-around filter, when properly maintained, can help prevent future pilot outages caused by clogged filters or dirty Flame Arrestors. Keeping the area near the water heater free from dust, lint and oily vapor can help prevent future pilot outages.