

(Read warnings and disclaimers before using Sediment Buster)

What you will need:

- 1) Safety Goggles and Protective Gear
- 2) Sediment Buster™
- 3) Bicycle or Hand Pump (Air Compressor or CO2 at your own risk)
- 4) Rubber Drain Hose (such as a garden hose with one female and one male end)
- 5) Your water heater instruction manual
- 6) * Flat-head screwdriver (required for some drains)
- 7) ** Extension Hose (short hose with one female and one male end)

*Flat head screwdriver needed for some water heaters to turn on and off (Needed for most water heaters without handle turn valves)

**Extension hose needed if the drain valve space is difficult to access to fit the Sediment Buster first (Needed for a small percentage of tanks)

Step 1: Turn off the electric power and/or gas supply to the water heater.

- 1) For electric water heaters, switch off the power at your home's electrical panel, where the correct fuse or circuit breaker (typically 30 AMP, labeled with initials HWT or Hot Water Heater)
- 2) For gas water heater, shut off the gas supply to the heater and turn pilot off.

Why? To avoid damaging the heating elements, deactivate the electric power or gas supply to your water heater before draining it.

(If unsure, please refer to your specific water heater's owner's manual for detailed instructions of your water heater power source)



Electric Panel



Natural Gas

Step 2: Fully turn on/open hot water faucet(s) (Depressurize/Vent)

- 1) Fully turn on/open several hot water faucets in the house, such as sink or bathtub faucets, preferably closest to the water heater. LEAVE these hot water faucets open and flowing water. Do NOT turn them off until the end of the job (Step 11)
- 2) Allow all the hot water faucets to run water for a while. Doing so will help cool down the water inside the tank quicker.

Why? Turning on/opening hot water faucets relieves pressure and speeds up the tank draining process because it allows for venting. If you Turn off/close the hot water faucets before the end of the job, you will repressurize the tank.

Tip: If the hot water tank is on a lower level, turn on/open faucets directly above the tank for best venting results.

Tip: If you allow the hot water to run for a while (with power off), you will remove the hot water from your tank while replacing it with cold water that is not being reheated.



Hot Water Faucet turned on, leave on until step 11

Step 3: Shut off the cold-water supply to your water heater tank.

- 1) Locate the cold-water supply line which is a pipe leading into the top of the water heater. There should be a shut off valve located on this pipe. Turn this valve off to stop the flow of cold water into your tank. (Consult your water heater manufacturer's instructions to verify your supply line, which is different than your water heater relief valve.). Examples of Cold-water Supply Line Valves:



Gate Valve, Rotate Several Times



Quarter Turn Ball Valve

- 2) To verify that you closed the cold-water supply line, check the hot water sink or tub faucets you turned on in Step 2 to make sure water is no longer flowing, but remember, DO NOT close the hot water faucets until the job is done

Why? By turning off your cold-water supply, you will be able to successfully drain your tank without refilling it with water. By leaving your hot water fixtures on/open, you will maintain the desired state of depressurization.

Tip: If you cannot locate your cold-water supply valve, you can turn off the cold-water supply to the entire home.

Step 4: Allow the water time to cool off.

The water inside your water heater is very hot. To prevent injury, let the water heater cool to a comfortable and safe temperature. (If unsure, consult your water heater manufacturer's suggestions for how long to wait before draining your water heater.)

Step 5: Attach the Sediment Buster™ to the drain valve

- 1) Turn the Sediment Buster™ valve dial counterclockwise into the closed/off position



- 2) Locate the water heater drain valve (Drain valves are usually brass or plastic but if unsure, consult your water heater manufacturer's directions).



Drain Valve on this gas water heater

- 3) Make sure the inside of the yellow female swivel connector is free of debris such as shards of rock or sediment



Inside swivel, clear of debris

- 4) In a clockwise motion, hand-tighten the yellow female swivel connector of the Sediment Buster™ to the male end of the drain valve of the water heater, ensuring the Sediment Buster™ is square to the valve and turning smoothly. *Do not attempt to force thread at an angle potentially stripping the threads.* Hand-tighten until firm, allowing the gasket to seal properly to the water heater drain valve.



Hand Tighten to drain valve

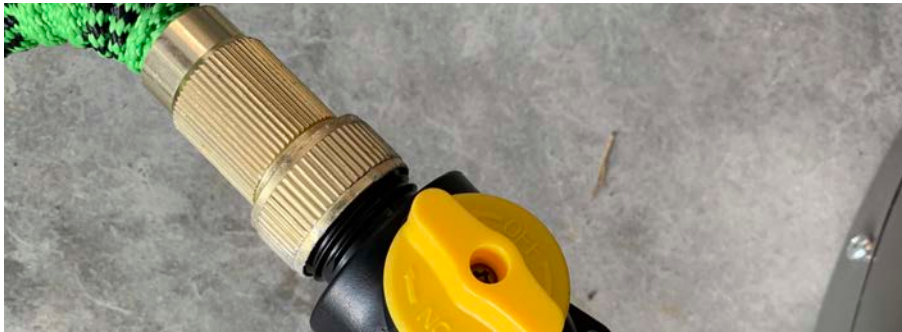
Tip on **Extension hose: If the space is too small for the Sediment Buster™ to attach to the drain valve, first attach a small hose to the drain valve, then attach the Sediment Buster™ to the end of that extension



Sediment Buster™ with flexible hose to drain

Step 6: Attach a 5/8" full port garden hose to the black-colored male end of the Sediment Buster™.

- 1) Secure the female end of the drain hose (garden hose) to the black male end of the Sediment Buster™ and adjust the Sediment Buster™ to your desired angle.



Garden hose connected to black male end of Sediment Buster™

- 2) Freely tilt the Sediment Buster to the desired angle and tighten where needed.
- 3) Place the hose's outgoing end into a suitable drain, bucket or outdoor location.

Step 7: Turn on/open the hot water heater drain valve.

- 1) Locate the drain valve handle or lever (water heater drain valves may have a turn style valve handle or a slit for a screwdriver to turn the valve. If unsure, consult your water heater manufacturer instructions to locate and understand your water heater drain valve)



Drain Valve Turned on in line with Sediment Buster™

- 2) Turn on/Open the hot water drain valve while the Sediment Buster™ valve is still closed.

(It is likely that very little water or a trickle of water will enter the clear window. If the Sediment Buster™ is leaking at the swivel valve, close the water heater drain valve and adjust or reapply the Sediment Buster™ to insure a proper fit or seal)

Step 8: Inject air into the tank through the Sediment Buster™ air valve

- 1) Ensure that the water heater tank valve is fully on/open and the Sediment Buster valve is closed from Step 7



Valve is in ON position

- 2) Locate the air valve on the Sediment Buster™ and remove the black cap.



Brass end of the air valve where air pump affixes to

- 3) Affix your preferred air pump and nozzle to the brass end of the Sediment Buster™ air valve (This procedure is equivalent to putting air into a car or bicycle tire)



Drain Valve open, Sediment Buster™ Valve Still Closed

Air Pump connected, Drain valve open, Sediment Buster™ Valve still closed

- 4) Inject 2-4 bursts of air or enough to dislodge any potential sediment clogs. (You will hear gurgling from the tank which is air bubbles rising in your depressurized tank)

Warning: If you choose to use an air compressor, you do so at your own risk. Do not exceed 80 PSI of air pressure, and do not inject air continuously or more than 1-2 second bursts.

Step 9: Drain the water heater tank.

- 1) Turn the Sediment Buster™ valve clockwise to on and begin draining the tank. (Water and sediment or dirt should gush through the clear viewing window and out the drain hose)



Both Sediment Buster™ and Drain valve open

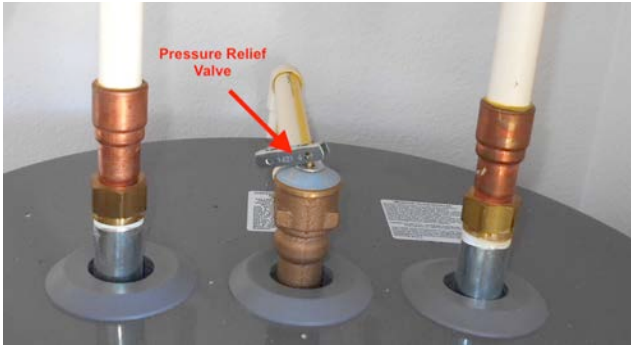
- 2) At this point, keep the Sediment Buster drain valve on/open and continue to inject bursts of air both down the hose and into the tank to stir and agitate the sediment, dirt and water as desired.
- 3) Use the clear-see through window on the Sediment Buster™ to monitor the flow of water and sediment



Sediment Buster™ Clear window

- 4) Allow the tank to drain for what may be 45 minutes or longer, routinely stirring the tank with air bursts will assist in both the draining and sediment removal.

Option: If the tank is draining too slowly, you may consider opening the water heater relief valve, OR removing your ***anode rod (for replacement) and leaving the hole open for added venting. If unsure, consult your water heater manufacturer's instructions on water heater relief valves or anode rods.



One example of Pressure relief valve (flip up to open). Relief valves are Also sometimes located on the side of the tank.

Warning: If you choose to open your water heater relief valve, be advised that a small number of valves from very old water heaters may be rusty or will crack at the seal. If unsure, consult your water heater manufacturer's instructions on water heater relief valves.

***Tip: We recommend replacing your water heater anode "sacrificial" rod every 4-6 years. If you intend to replace the anode rod during the draining process, remove the old rod before draining, keeping the hole open for drainage. Replace the rod after the tank has been drained, but before filling the tank back up.

Step 10: Turn the water supply back on to flush the tank of remaining sediment.

- 1) Once the tank is drained, and it appears water is no longer flowing out of the drain hose, flush the tank.
- 2) To flush, keep the drain valve AND Sediment Buster™ valve on/open, turn on and off the cold-water supply and push remaining sediment and dirt out.
- 3) Repeat step 2) until the water runs clear through the Sediment Buster window, then turn off the cold water supply valve.

Step 11: Refill the tank.

- 1) Close the Water Heater Drain valve (reverse of step 7)
- 2) With the water heater drain valve closed and the Sediment Buster™ valve still open, blow the water out of your hose with your air pump

Why? By blowing the water out of your hose first, you can have a clear hose free of water and debris leaking out

- 3) Remove the Sediment Buster™ from the water heater
- 4) If you opened the relief valve to assist in draining, close the relief valve
- 5) If you removed the anode rod to create an air hole, replace the anode rod at this point in the process before refilling the tank with water.
- 6) Turn the cold-water supply back on (and leave it on permanently) to refill the tank.
- 7) Leave the hot water faucets on/open until air pushes out and water flows freely through them again. Once you have steady water flow, your tank is full.

Why? Leaving the water fixtures on will allow the re-pressurization process to complete. You will likely hear spits of air through your fixtures until eventually the hot water flow has returned in full. Once flowing steadily, your hot water tank is full and you may turn off all hot water fixtures.

- 8) Inspect water heater drain valve and pressure relief valve to ensure there are no leaks.

Step 12: Turn power or gas supply back on

- 1) Turn the power or gas supply to the water heater back on (consult your water heater manufacturer's instructions as needed)
- 2) Allow several hours for your new, clean water to reheat in the tank.

Step 13: Enjoy the benefits of your "Reset" water heater

Water heaters should be drained once a year. By doing so you are "resetting the life" of your water heater.

Water heater warranties typically expire in 8-10 years because without diligent maintenance, sediment and mineral deposits corrode and eventually destroy tanks causing them to leak with irreparable damage.

*Why don't more people keep their water heaters clean and efficient? Because breaking up sediment and draining water heater tanks used to be next to impossible, **until now!***

Congratulations on using the Sediment Buster™ to clean your tank and reset the life of your water heater! Let water heaters live long and prosper!

Warning:

- Turn off electric power or gas supply of water heater before use.
- Water in tank is HOT. Allow time for water to cool before draining, flushing or engaging the water from the tank.
- Always depressurize the tank before use. Do not exceed 80 PSI of pressure into the tank or the device.
- Make sure either the Sediment Buster™ valve or water heater drain valve are open before injecting air. Users who choose an air compressor or CO2 compressor do so at their own risk.
- For water heater tank drain valve use only. Do not use on tankless water heaters or other devices such as water spigots.
- If discarding or recycling, do not burn.
- Do not leave Sediment Buster™ attached to your drain valve after use as an alternative to your drain valve.
- Always wear protective eyewear and gear
- P65 Warning Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Disclaimers:

- Sediment Buster™ is committed to providing a high-quality product designed for its intended purpose. This product is intended for use as a sediment removal and cleaning tool for hot water heater tanks.
- Sediment Buster™ shall not be liable for any injuries, damages, or losses resulting from the improper or unauthorized use of this product. Misuse of the Sediment Buster™ tool, including but not limited to using it with incompatible materials, exceeding recommended operating conditions, or using it for purposes other than sediment removal, may result in product failure, injury, or property damage.
- Users are responsible for carefully reading and following the provided instructions, safety guidelines and warnings, both enclosed and on the website www.sedimentbuster.com. Any deviation from the recommended usage may void any warranties or guarantees associated with this product or products it is used.
- Users are responsible to consult water heater manuals, or any other resources connected to the parts of the water heater or home. Sediment Buster™ shall not be held responsible for any damage to the components of the water heater including, but not limited to pressure relief valves and other valves, air pumps, pipes, dials, anode rods, and elements.
- By using the Sediment Buster™ tool, you acknowledge that you have read, understood, and agree to this disclaimer of liability for misuse, and you hold Sediment Buster™ harmless from any and all injury or damage incurred.
- If you have any questions or concerns about the appropriate use of this product, please contact our customer support for guidance on our website: <https://sedimentbuster.com/#contact>
- Sediment Buster™ is dedicated to your safety and satisfaction, and we encourage responsible and informed use of our product.

Advertencia:

- Apague la energía eléctrica o el suministro de gas del calentador de agua antes de usarlo.
- El agua en el tanque está CALIENTE. Deje tiempo para que el agua se enfríe antes de drenar, enjuagar o utilizar el agua del tanque.
- Siempre despresurice el tanque antes de usarlo. No exceda los 80 PSI de presión en el tanque o en el dispositivo.
- Asegúrese de que la válvula del Sediment Buster o la válvula de drenaje del calentador de agua estén abiertas antes de inyectar aire. Los usuarios que elijan un compresor de aire o un compresor de CO2 lo hacen bajo su propio riesgo.
- Solo para uso en la válvula de drenaje del tanque calentador de agua. No lo use en calentadores de agua sin tanque ni en otros dispositivos, como grifos de agua.
- Si va a desechar o reciclar, no lo queme.
- No deje el Sediment Buster™ conectado a su válvula de drenaje después de usarlo como alternativa a su válvula de drenaje.
- Siempre use protección ocular y equipo de seguridad.
- Advertencia P65: Cáncer y Daño Reproductivo - www.P65Warnings.ca.gov

Avisos Legales:

- Sediment Buster™ se compromete a proporcionar un producto de alta calidad diseñado para su propósito previsto. Este producto está destinado para su uso como herramienta de eliminación de sedimentos y limpieza de tanques de calentadores de agua caliente.
- Sediment Buster™ no será responsable de lesiones, daños o pérdidas resultantes del uso indebido o no autorizado de este producto. El uso incorrecto de la herramienta Sediment Buster™, incluyendo, entre otros, su uso con materiales incompatibles, exceder las condiciones de funcionamiento recomendadas o utilizarlo con fines distintos a la eliminación de sedimentos, puede provocar fallas del producto, lesiones o daños a la propiedad.
- Los usuarios son responsables de leer cuidadosamente y seguir las instrucciones proporcionadas, las pautas de seguridad y las advertencias, tanto las que se incluyen en el producto como en el sitio web www.sedimentbuster.com. Cualquier desviación del uso recomendado puede anular cualquier garantía asociada con este producto o con los productos con los que se utilice.
- Los usuarios son responsables de consultar los manuales de los calentadores de agua u otros recursos relacionados con las partes de los calentadores de agua o el hogar. Sediment Buster™ no será responsable de ningún daño a los componentes de los calentadores de agua, incluyendo, entre otros, válvulas de alivio de presión y otras válvulas, bombas de aire, tuberías, diales, ánodos y elementos.
- Al utilizar la herramienta Sediment Buster™, usted reconoce que ha leído, entendido y aceptado esta renuncia de responsabilidad por el uso indebido, y exonera a Sediment Buster™ de cualquier lesión o daño sufrido.
- Si tiene preguntas o inquietudes sobre el uso adecuado de este producto, por favor, póngase en contacto con nuestro servicio de atención al cliente para obtener orientación en nuestro sitio web: <https://sedimentbuster.com/#contact>. Sediment Buster™ está comprometido con su seguridad y satisfacción, y fomentamos el uso responsable e informado de nuestro producto.