

Amalgam Separator Tips: Best Practices

The Syclone™ Amalgam Separator is designed for a simple installation and to provide trouble-free service. To ensure optimal function and to help stay compliant with recommendations from the Environmental Protection Agency (EPA), some important best practices are provided below.

Prior to installation of the Syclone™ Amalgam Separator:

- Check with your local control authority on any special considerations, including who should conduct the installation. Some localities may require a specialist such as a certified plumber or certified med gas plumber. **Allocate appropriate time for installation if a specialist is required.**
- Ensure there is **adequate space** to install the amalgam separator and to replace the canister without hassle.
- IMPORTANT: Evacuation lines should be **thoroughly flushed for 2-4 weeks, 3 times daily**, with evacuation line cleaner to ensure any buildup of materials in the line does not clog the amalgam separator after installation.
- Check that the evacuation line cleaner has a **pH between 6 and 8** to minimize dissolution of amalgam. Do not use bleach or chlorine-containing cleaners to flush evacuation lines.
- **Empty and clean any traps** located on a chair and/or in an operatory. Run evacuation line cleaner and hot water through every operatory multiple times. Empty the contents from the traps into an amalgam waste bucket. Repeat the process until trap capture diminishes. This may take several flushes.
- When flushing the evacuation lines, it is necessary to have **turbulent flow** in order to agitate and break up any build up along the walls of the pipe. Do not suction the cleaner in constant flow, but rather in spurts of cleaner and air. Dip the vacuum hose in and out of the cleaner in a bobbing (up and down) motion to achieve best results.

During installation of the Syclone™ Amalgam Separator:

- **Refer** to the Syclone™ Amalgam Separator Installation and Operating Guide (provided with the system and available online at Crosstex.com/Syclone) for installation instructions.
- The amalgam separator should be installed so that the **outlet is 4-6 inches (10-15 cm) higher** than the pump inlet.
- Use **sloped pipes and gravity** to ensure that liquids are flowing towards the desired destination.
- **Fill the new canister with water** before use to increase the longevity of the product.

After installation of the Syclone™ Amalgam Separator:

- **Complete the product registration form** online at Crosstex.com/Syclone for warranty purposes.
- **Keep a copy** of the Syclone™ Amalgam Separator Installation and Operating Guide in an accessible area.
- **Check the sediment level of the canister monthly.** If written records are desired, a visual inspection log is provided with the Installation and Operating Guide and is available online.

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- Any trap located on a chair and/or in an operatory **should be emptied into an amalgam waste bucket and cleaned daily**. Do not rinse traps over drains or sinks, or put amalgam waste in toilets, biohazard containers, infectious waste containers (red bags) or regular garbage.
- When replacing the Cyclone™ Canister, **fill the new replacement canister with water** before use.
- **Flush the evacuation lines** with evacuation system cleaner as per the manufacturer's instructions. Routine use is necessary for optimal performance and to prevent costly repairs.
- **Inspect the vacuum pump trap** occasionally to ensure no debris is bypassing the amalgam separator.
- Remember to **wear safety protective gear** such as gloves and safety glasses or face shield when handling amalgam waste. All spills should be considered as hazardous and handled in accordance with standard hazardous materials (HAZMAT) handling procedures.