

Inspecting your amalgam separator

Inspection process

- Inspect the separator once a week.
- Make sure pumps are turned off before inspecting the separator.
- Have a flashlight handy to make it easier to check solids levels in the upper and lower canisters.

Upper chamber: Turn the lights off in the room and shine a flashlight through the upper chamber. You should be able to see light coming through.

Seal: Inspect along the seal between the upper and lower chambers to make sure that the upper chamber is not leaking, which could indicate a clog or other issue.

Date: Check the date that the lower canister was last replaced. Even if this canister isn't full, it should be replaced after one year.

Fullness level: Inspect the level of sediment in the lower collection canister. Shine a light through the canister to see the sediment level. The sediment should be lower than the fill line.



Issues to look for



CANISTER CONTENTS OVER FILL LINE

The lower canister should be changed before contents reach the fill line to prevent overflow.

→ *If the lower canister is full, replace it immediately. It's best to order a new canister before the lower canister gets full.*

→ *Check to make sure that solids have not backed up into the upper chamber. If they have, follow the recommended steps in the user manual.*



EVIDENCE OF LEAKAGE

Watch for residue along the seal between the upper and lower canisters or drips below the separator, which can indicate a leak. Using proper vacuum line cleaners helps avoid leakage.

! *Dental wastewater contains hazardous substances. Separator spills should be considered hazardous and handled accordingly.*

→ *Call your service rep immediately. You may need to replace the unit.*

→ *Use a vacuum line cleaner that is non-foaming and has a pH between 6 and 8.*



SOLIDS IN UPPER CHAMBER

Solids in the upper chamber indicate that the system may be in bypass, allowing amalgam into the sewer system.

A little solid residue on the walls of the chamber is normal. **If you shine a flashlight through the upper chamber and the light does not come through, there is likely solids buildup in the chamber.**

→ *Call your service rep as soon as possible for advice on next steps.*

Document each inspection and any follow-up action in the separator inspection log.