

Maintaining Your Digester during Slow Periods

For All Digester Series

Version 1.0 | March 16, 2020

Overview

Business condition may cause the usage of the digester to drop or even stop completely. Below, we define three stages of usage and proper maintenance procedures for those usage levels which will help with operation, cleanliness and health of the digester.

Stage 1: Minimal Use

During this period, the digester will still be in use but significantly less. We recommend that daily and weekly cleaning is conducted more frequently.

The following steps are recommended:

- Multiple times a day; the exterior of the digester is wiped down along with the door hatch and door lip.
 - Every other day a thorough cleaning of the digester should take place
 - Wipe down the exterior along with the door hatch and door lip
 - Pull out any foreign contaminants from inside of the digester
 - Thoroughly spray down the inside of the digester removing any food waste from the walls, shaft and paddles.
- *Make sure to get all food waste back into the mix*

Stage 2: Non-Use

During this period, the digester will primarily not be used at all. We recommend a full cleaning of the unit.

The following steps are recommended:

- Make sure the digester has digested most of the food waste before the next steps.
- Open the food hatch door and spray down the inside of the digester.
 - Clean all surfaces inside the food hatch
 - Make sure that all debris has been cleaned off the walls, shaft and paddles.
 - Wash down the inside at least three more times.
- Close food hatch door and let machine run.
- Depending on the model, lock the door so that nobody can throw any food waste into the machine.
- If you cannot lock the door, use painters' tape around the door to seal it off.
- If your digester has access to the BioHiTech Cloud, alert BioHiTech Support and it will be put into maintenance mode.

Step 3: Shut Down

During this period, the digester will be completely shut down. We recommend a full cleanout and wash down of the digester.

The following steps are recommended:

- Perform Step 2 process
- Using a shovel or scoop, clean out all material inside the digester
- Once material is removed, spray down the inside again removing any debris leftover
- Close food hatch door and let machine run
- Depending on the model, lock the door so that nobody can throw any food waste into the machine.
 - If you cannot lock the door, use painters tape around the door to seal it off.
- If your digester has access to the BioHiTech Cloud, alert BioHiTech Support and it will be put into maintenance mode.

Contacting BioHiTech Support

If additional assistance is needed with this procedure, contact BioHiTech support at support@biohitech.com or 888-876-9300