

KNOWLEDGE SHARING

Question/Issue/Symptom/Problem:

General Maintenance Recommendations for Ultra Low Temperature Freezers

Resolution/Answer:

Standard Recommendations are below.

Note: Ensure to Reference User Manual for extensive details on recommended maintenance as well.

Continuously Monitor

- Environmental conditions- Room temperature and humidity levels are in acceptable unit tolerance per user manual.
- Door gaskets for frost- If compiled wipe off to avoid door sealing issues.
- Interior walls for frost and ice build up- If more than a 3/8" of ice a defrost should be completed.

Quarterly Clean Air Filter

- The majority of ULT freezers will have at least one air filter located behind bottom front grille panel/door that will need to be cleaned every 3-4 months or whenever dirt or dust is visible. Clean by shaking dust off and rinse under clean water and let dry completely before re-inserting.
- While air filter is removed ensure the condenser coil (looks like radiator) is clean. If clogged or significant dust build up vacuum.

Annually Defrost

1. Remove all products and place in another ULT cabinet.
2. Turn off the freezer.
3. Open the outer door and all inner doors.
4. Let the freezer stand with doors open for at least 24 hours. This allows both the interior and foamed refrigerant system to warm to room temperature.
5. Dispose of the ice and wipe out any water standing in the bottom of the cabinet.
6. If there is freezer odor, wash the interior with a solution of baking soda and warm water.
7. Clean the exterior with any common household cleaner.
8. Reload from top to bottom with pre frozen product no more than one shelf worth at a time using short door open intervals (Target opening is 30 seconds) and letting unit recover to set point before next door opening.

Annual Position Check

Ensure the following:

- There are 6-8 inches of clearance around the outside (rear & sides) of the freezer for proper air circulation.
- No items stacked on top of freezer
- Unit is level

Title:

ULT Freezer General Maintenance Recommendations

Audience:

Public

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