

Save energy while extending your freezer's life span

A properly maintained freezer can consume 12% - 25% less energy than an unmaintained equivalent.

Defrost & Maintain

- Defrost the freezer annually
- Fill open spaces with frozen water jugs to reduce the amount of air the freezer cools
- Regular freezer maintenance



Laboratory Ultra Low Freezer Care

For the Freezer & the Environment

Store Smart Samples



- Consolidate samples
- Properly label your samples
- Use secondary containment
- Keep good sample records/inventory

Chill Up

For most bio-microbial and microbial cultures, -70 °C is adequate.

- Chill up to -70 °C to save 5kWh/day
- Call your freezer 'Ultra Low' not 'minus eighty'



Retire and Replace

- Upgrade old ULTs to energy efficient ones
- Turn off, remove & dispose of freezers that are not in use

An old ULT can consume double the energy compared to a new one.
One ULT can consume the same amount of energy as a single family home.



Minimize Door Opening Time

- ☐ Think about the samples you need before opening the door

