



# DuraTemp ULT

## BACKUP FOR ULT FREEZERS



Extend Freezer  
Hold Time



Power Interruption  
Resilience



Energy  
Efficiency

DuraTemp ULT Thermal Backup Solutions provide enhanced protection for your ULT freezer contents. The thermal backup kits provide hours of extended hold time for your valuable samples through power or mechanical disruptions

### Ultimate Sample Protection

DuraTemp thermal backup units give lab managers critical additional time to deal with rolling blackouts, power or mechanical failures.

- DuraTemp thermal backup units maintain temperature for hours.
- Flexible design allows for focused sample protection.

\*(TSX600 empty, performance may vary by size, model & manufacturer.)

### Ultra Efficiency

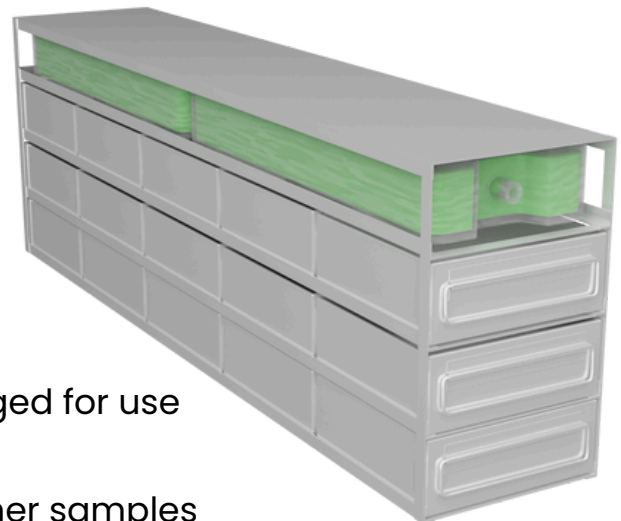
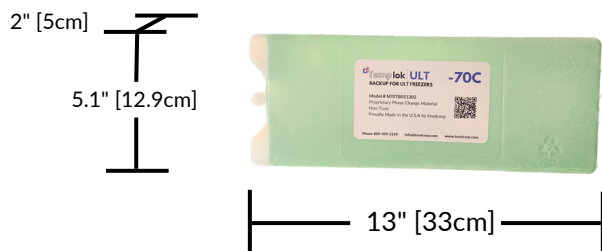
With extra emergency hold time, lab managers can increase the freezer setpoint temperature so it runs more efficiently.

- Increasing ULT freezer setpoints to -74 degC reduces electrical consumption by 15% or more.
- ULT compressors generate less heat so less HVAC energy is needed to cool lab space.

### Ultra Simple and Scalable

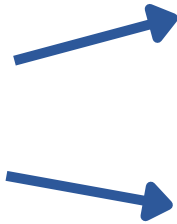
DuraTemp thermal backup units are specifically designed to fit 2 inch rack systems.

- Flexibility to slide DuraTemp backup units into rack system or place on shelves based on ULT configuration.
- Use additional units to further extend hold times.



- ❄ Backup unit changes color to white when charged for use
- ❄ Robust design assures extended hold time
- ❄ Easy to slide into rack or lay flat on tray with other samples
- ❄ 12 unit kit consumes less than 5% of space in a 28 cubic foot ULT Freezer

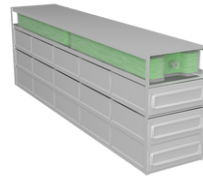
# EASY & SAFE TO USE:



Thermal backup units can be placed directly on shelves or in standard racks in ULT freezers

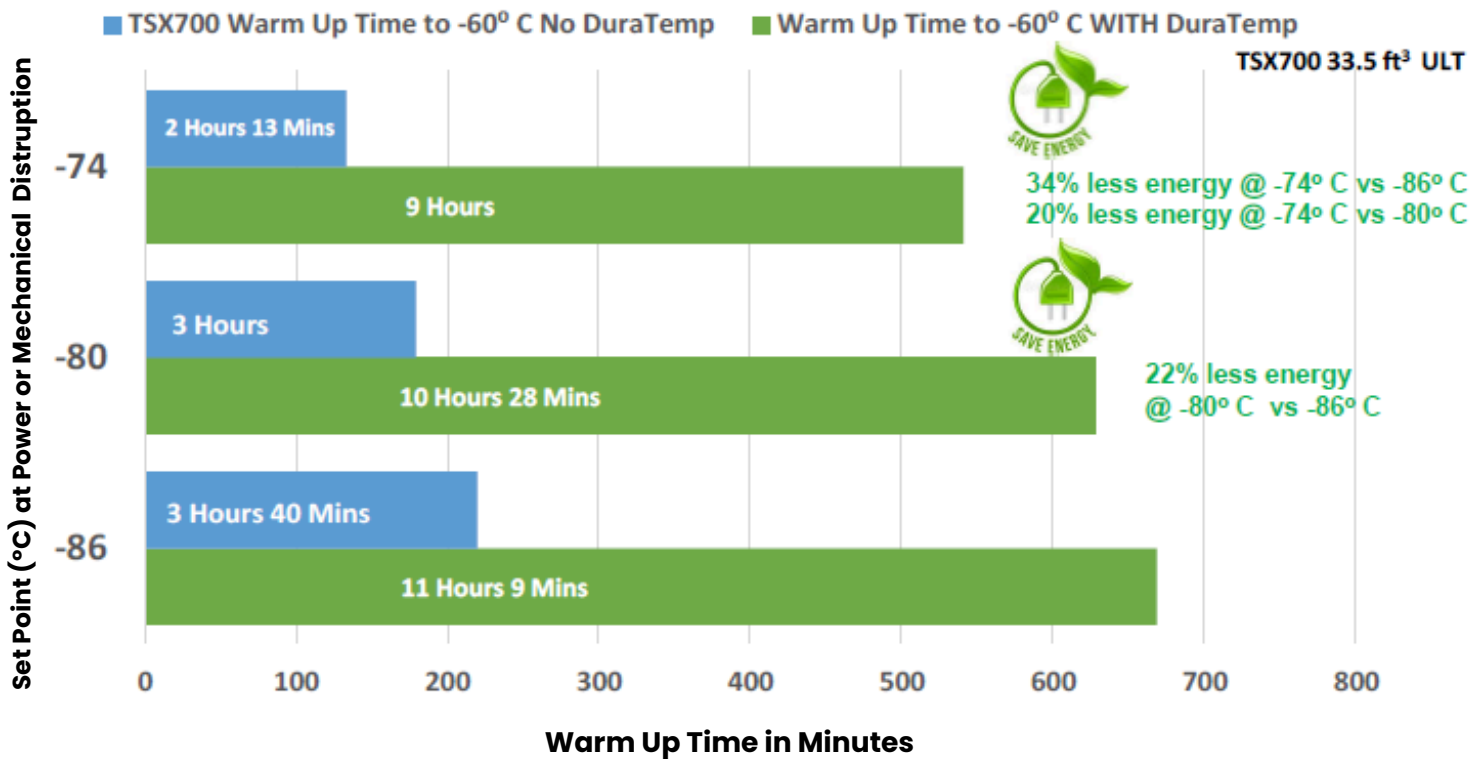


Thermal backup units fit neatly into standard rack



DuraTemp ULT Backup units placed in a ULT add incremental hold to time for protection

## Performance of ULT Freezer with 1 DuraTemp ULT kit: Thermo-Fisher



\*Hold time is manufacturer and model dependent

### Specifications

**Dimensions:** 5.1" W x 2" H x 13" L

**Ready Indicator:** White: Frozen Green: Melting

**Units per Kit:** 12

**Weight per Unit:** 6.375 lbs

**Content:** Proprietary Mineral Based Non-Toxic Phase Change Material

**Safety:** Health: 1, Fire: 0, Reactivity: 0 - **Avoid Direct Contact with Eyes**