

TSX ULT Freezer	Shutdown & Startup	January 5, 2021

Best Practice for Shutting Down & Restarting a TSX ULT Freezer

Background

With the emergence of the SARS-CoV-2 virus and the associated COVID-19 pandemic, many research institutes are reducing work or even temporarily closing their facilities. For TSX ULT Freezers, this requires not just halting experiments and freezing cultured cells, but also taking care in properly switching off and putting laboratory equipment in hibernation.

It would be terrible to return to the lab after a weeks-long hiatus to find the Cold Products have not been shut down properly and back up batteries being depleted.

Here we provide our best practice for shutting down a TSX ULT Freezer for a period of weeks or even months. These tips are designed to avoid the unnecessary alarms from battery low or pools of water inside or all over the floor.

Procedure for Shutdown of the TSX ULT Freezer, Please follow the steps below;



1. Once powered down, unplug the item from the wall outlet and leave the inner and outer door open for 48 hours to allow all ice and snow accumulation to melt on the inside.
2. Place a towel or rags along the bottom front door opening to prevent excess water from running down into the bottom compartment.
3. After the 48 hours, use towels or sponge and bucket to collect the water on the cabinet floor and dry the walls.
4. Close the inner and outer door and place the unit in storage.

Procedure for Restarting a TSX ULT Freezer

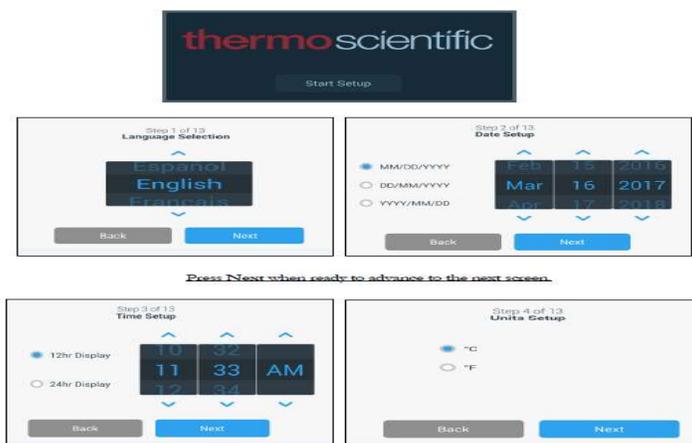
To start the freezer, complete the following steps:

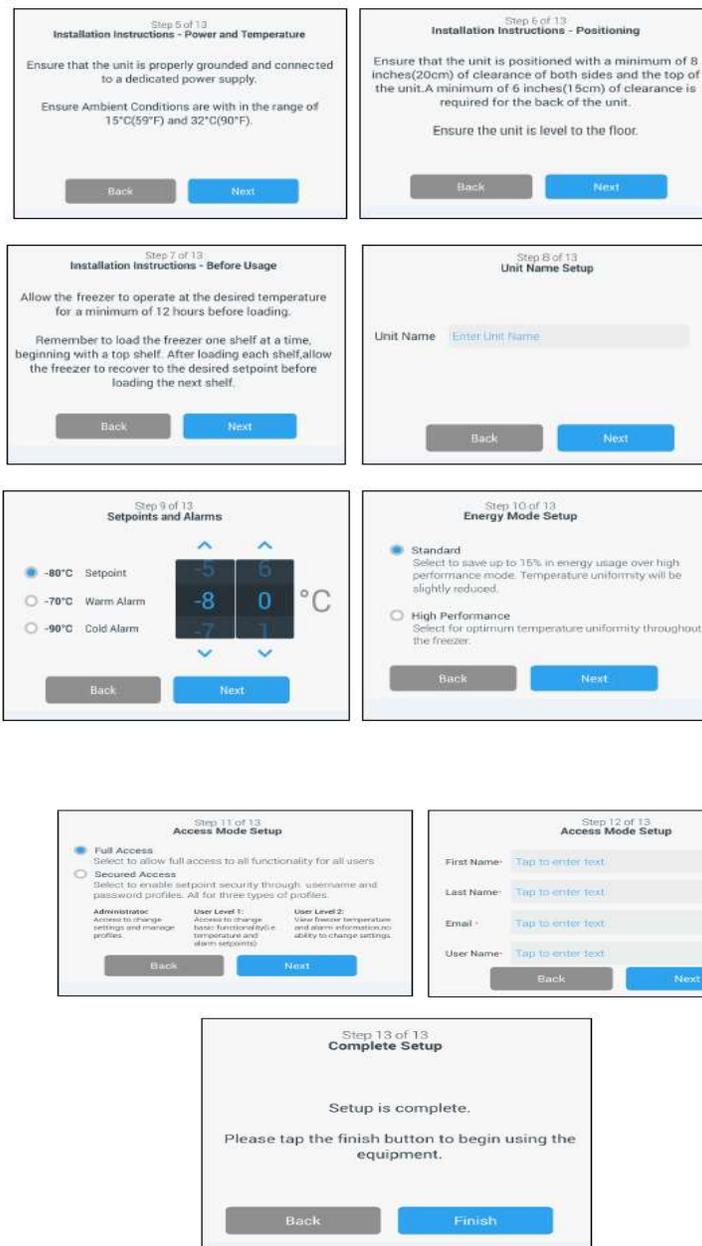
1. Plug the freezer into the power outlet.
2. Turn the power switch on back of the freezer at the bottom right to the ON position.

When the freezer is powered up, the “thermoscientific” logo displayed on the front screen (see below). If this is the first time the unit is being turned on, an initial setup must be completed. Press the Start-Setup button to initiate the setup, followed by a Language Selection, Time Setup and Units Setup.

Always tap the Next button to advance to the next selection.

Press **Next**





3. When the set up is completed the front home screen will appear. Allow the ULT Freezer to run approximately 8 to 12 hours to achieve -80C;

