BLUE ALPINE
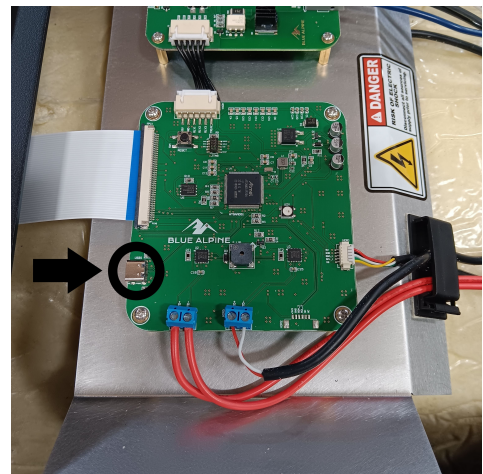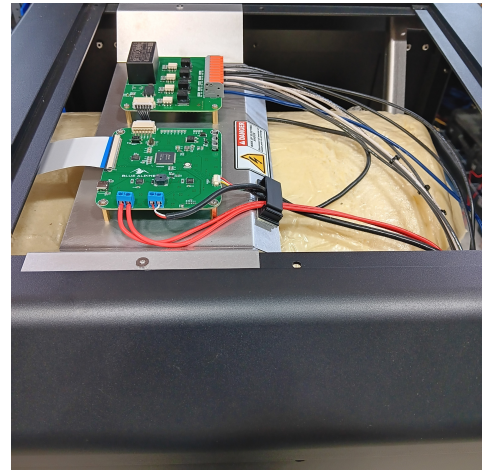
Materials Needed

- Computer

- Updated Software File (UF2 File)

- USB-C Cable

- T20x100 Screwdriver

Instructions

1. Switch off and unplug your freeze dryer.

2. Open up the top panel of the freeze dryer using the screwdriver.

3. Find the USB C port on the Blue Alpine (green board shown in the picture) and plug in the USB C connector.

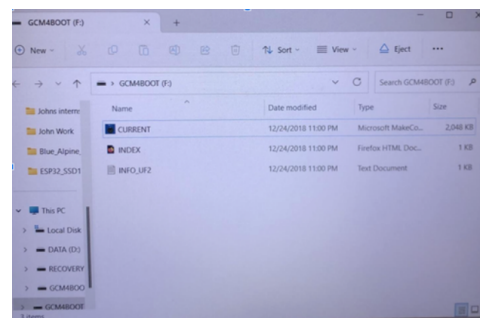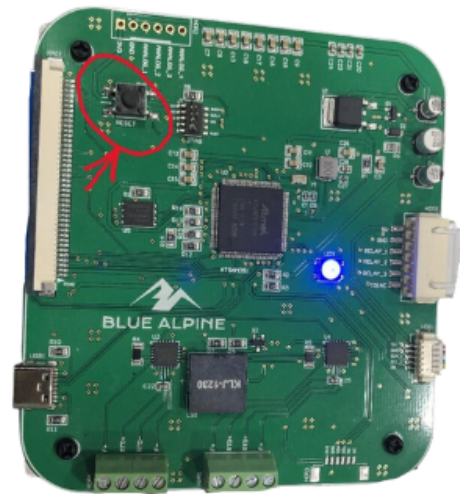4. Plug in the other end of the USB C connector to your computer.

5. Press the reset button twice* to activate download mode. The GCM4BOOT drive window should pop up on your computer and will act like a USB drive; if not, check the connected USB devices on your computer and see if this drive is found.

   The LED on the board lights green when in bootloader mode. If a red light is present, try pressing the reset button two more times. If the problem persists, contact support at (208)-607-1722.

6. Drag and drop (or copy paste) the new software (UF2 file) to the GCM4BOOT drive.

7. The new software will instantly upload and run on the board after this step.

   Note: *The screen backlight will not work until the machine is powered back on.*

8. Unplug the USB C Cable from the machine, and place the metal panel back onto the machine.

   As of patch 14, multiple default values have changed. The machine is designed to not alter its default memory even with updates unless the user explicitly factory resets the machine. We recommend Factory resetting the machine after the update. Please note that this will erase your personally saved settings.