1 **Access the firmware update webpage:**

A. Navigate to **pulsarpools.com/firmware**
B. Enter the password **guardtec2023** (case sensitive) to login for access to the firmware update file

2 **Download the update .zip folder**

3 **Create a new folder for the update files**
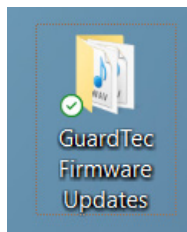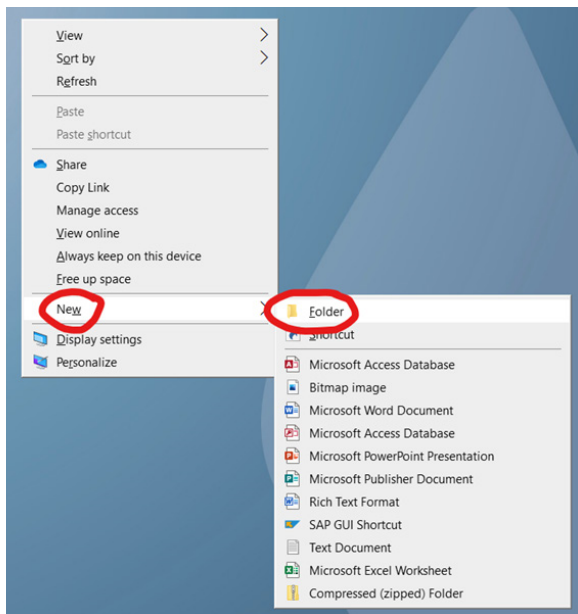
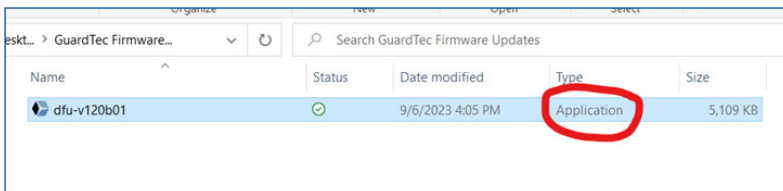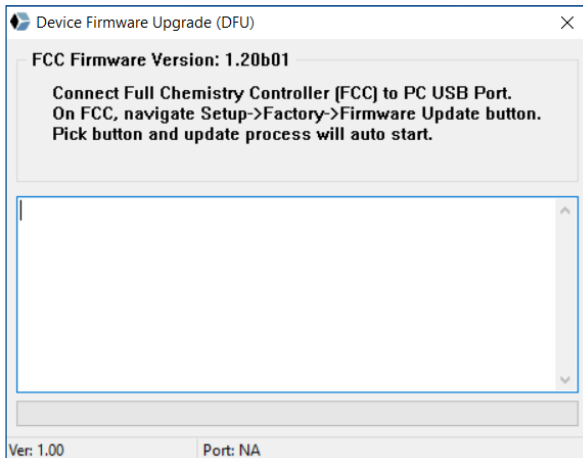**4** **Extract the downloaded .zip folder into the folder you created**
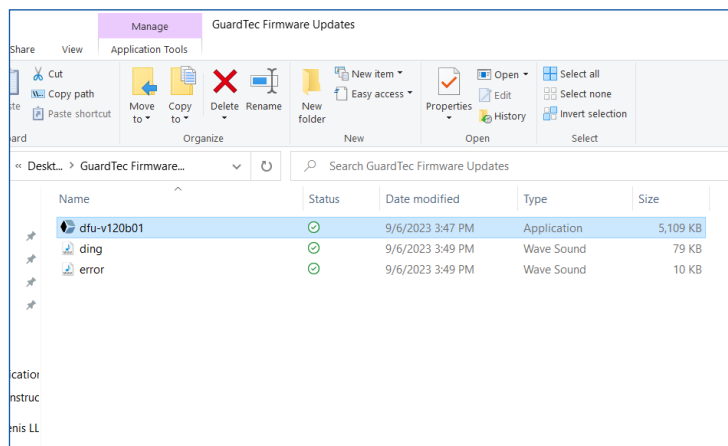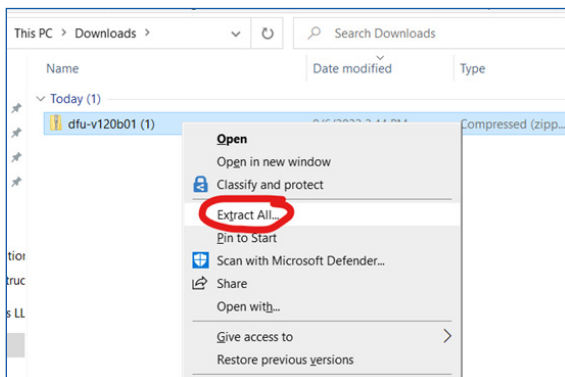
5 **Run the .exe file (Application file) by double clicking on it**

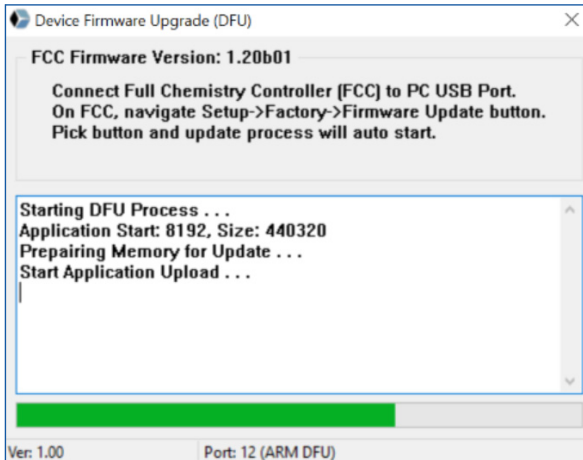**6** **Follow the application instructions:**

A. Connect the Full Chemistry Controller (FCC) to the PC USB Port via USB cable.
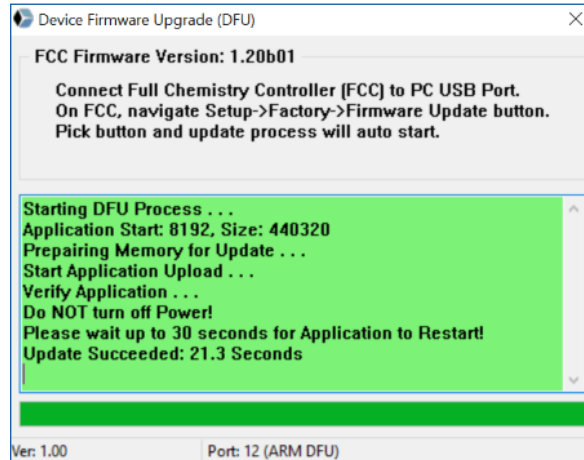

B. On the GuardTec screen, navigate to "Setup" > "Factory" > "Firmware Update".
C. Press the "Firmware Update" button.
D. The update process will start automatically.

Update process has started   *Update process is complete*

7 **Once the update process is complete, disconnect the USB cable from the FCC**

8 **Power cycle the GuardTec by unplugging it from power for 5 seconds**

9 **Configure the GuardTec (enter setpoints, add facility information, etc...)**

GuardTec settings re-configuration will be required after any firmware update.