

WI Title: **CPA Panel 3.XX Software Update Instructions**WI # **SERV 0053**Effective Date: **12/15/2023**Origination Date: **02/08/2021**Sheet: **1 of 5**

The purpose of this work instruction is to assist customers to update the (3.XX version) CPA compressor packages software

Department or Personnel responsible for this instruction: Service Department (Customer use)

Related documents: N/A




Tools required:

- USB memory stick (thumb drive)
- Computer with access to the internet

Instruction Notes:

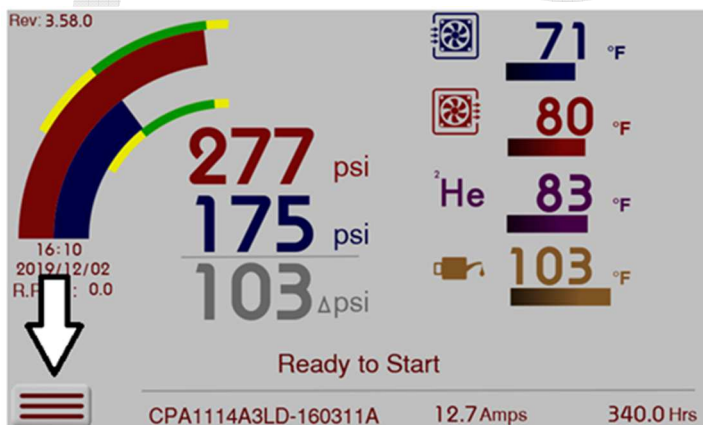
- This instruction applies only to compressors with 3.XX versions of software. Customers with 1.XX or 2.XX should contact Cryomech or visit <https://bluefors.com/support/> for assistance.

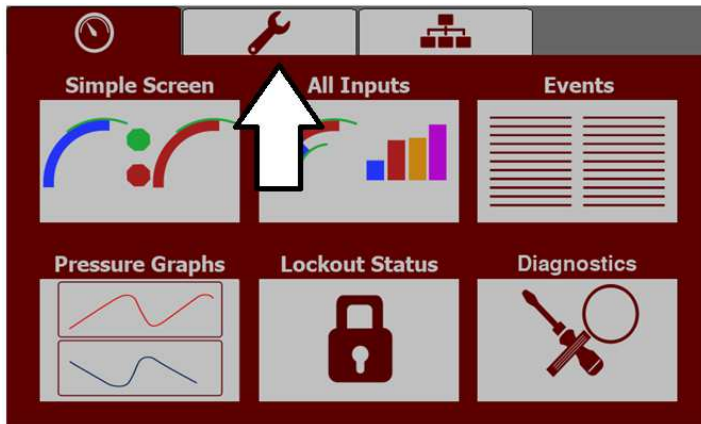
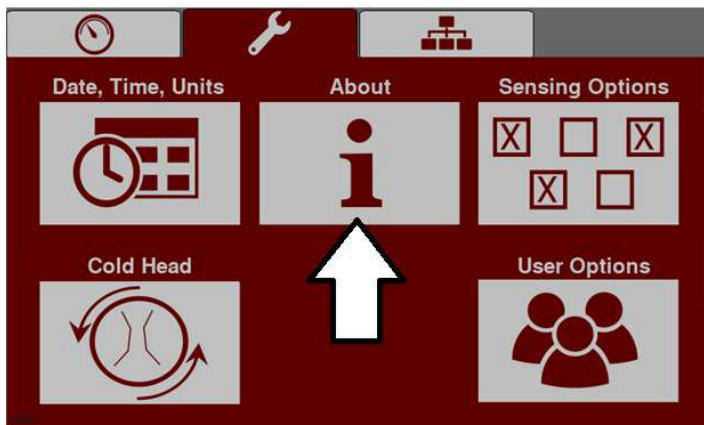
Icons that may be used in a Service Work Instruction:

	Warning Icon. A warning message is used when failure to observe instructions or precautions could result in injury or death to humans.
	Electrical Warning Icon. An electrical warning message is used when failure to observe instructions or precautions could result in electrical shock or burns to humans.
	Caution Icon. A caution message is used when failure to observe instructions or precautions could result in significant damage to equipment and/or facilities.

Service Instruction:

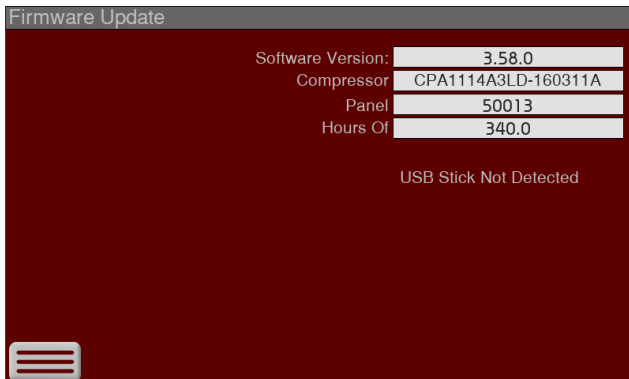
1. Download the update.zip file from Cryomech's cloud storage location. Typically, a link is sent directly to the customer, or the file is provided in the service section of our website.
 - 1.1. On an empty USB memory stick, copy the **UpdatePackage.zip** file (do not extract the files)
2. Navigate to the "About" screen:
 - 2.1. Click the Home button found on the bottom left side of the "All Inputs" screen

Approved By: *Nigel Ottman*

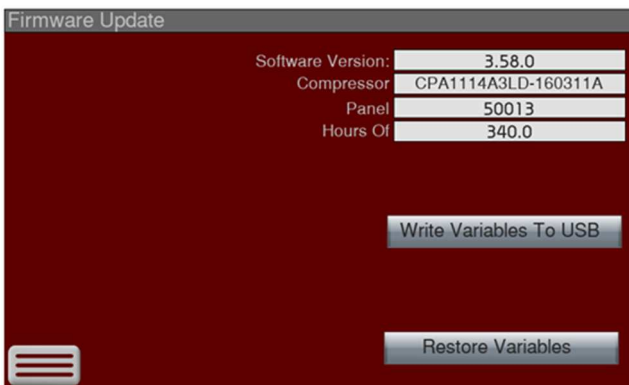
WI Title: **CPA Panel 3.XX Software Update Instructions**WI # **SERV 0053**Effective Date: **12/15/2023**Origination Date: **02/08/2021**Sheet: **2 of 5****2.2. Click on the "Setup Tab"****2.3. Click on the "About" button****3. Press and hold the 'O' in Cryomech for 5 seconds**

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4. The screen should state “USB Stick Not Detected”



5. Plug the USB memory stick into the USB port located on the compressor package.
6. Once the system has detected the USB memory stick the screen will look like this:



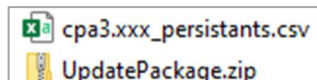
7. Select the “Write Variables To USB” button.

- 7.1. The button will be **briefly** highlighted when it is selected. (if the USB memory stick has a light it might flicker)

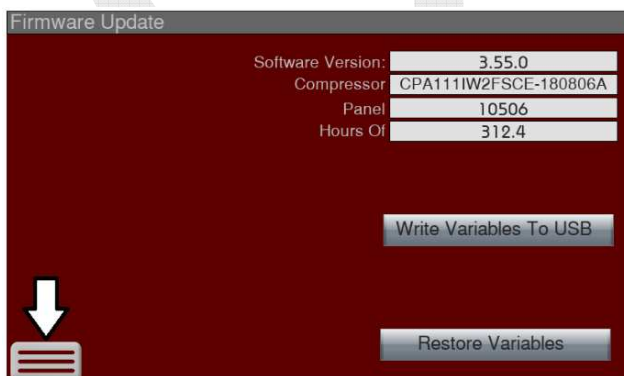


PLEASE NOTE: This is a very important step! In the event the update causes the system to lose model memory, the file created will help recover your system. Do not try to over-write the file again. Contact Bluefors / Cryomech for assistance.

The file is saved on the USB drive labeled:
“cpa3.xxx_persistants.csv”



8. Click on the Home button to back out to the “About” screen.

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9. Press and hold the shaded area on the screen (Figure 9A) until a context menu appears. (Figure 9A)
- 9.1. This may take about 6 seconds.



Figure 9A



Figure 9B

10. Select "Update" in the context menu.



11. A window will appear to display a list of files.



12. Click the "Next" button to begin updating.

- 12.1. Give it 10 seconds to start updating.

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13. When it starts updating it will look similar to this screen:



14. Upon completion of the update, the program will reboot and launch.

15. At this point the compressor will be back to regular operating condition.

16. Navigate to the "About" screen to verify that the software version is updated and confirm that the remaining sections are unchanged (serial number, hours of operation etc.)

16.1. If it did not update, the sections did change or any other issues occurred, contact Bluefors / Cryomech for assistance.

17. Remove the USB memory stick.

Revision Section

Date	Description of revisions made
02/08/2021	Origination of instruction
12/15/2023	Updated instructions reflect the current process.

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