

Updated Software (APU & DCP) for the ComfortPro APU

IMPCO has implemented updated firmware software on all units manufactured as of January 2016 with S/N ETD2220943 or later. These software updates have **not** been applied to Service Parts.

Software update

The software / firmware update is for the DCP (30-737-95K) and APU (30-726-06K) controllers as Service Parts only. When replacing DCP or APU controllers on APU systems with S/N ETD2220943 or higher, Service Parts require a firmware update.

- Update DCP controller with software TD-DCP-02.02.01.hex
- Update APU controller with software TD-APU-02.02.01.hex

Software compatibility

It is important that software revisions are NOT mismatched. Please review the following chart to understand the impact of mismatching component software revision levels.

	DCP: 35-019-02C.hex (Old Software)	DCP: TD-DCP-02.02.01.hex¹ (New Software)
APU: 35-002-04A.hex (Old Software)	Appropriate Match	Mismatch DCP reports all engine related faults as "Engine Overheat"
APU: TD-APU-02.02.01.hex (New Software)	Mismatch DCP does not record any fault codes	Appropriate Match

Note 1: DCP will display "35-019-02J" if this software is present

Obtaining updated Software

The updated / new software is available at the following locations:

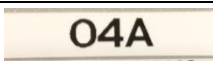
- 1) IMPCO Dealerlink: Electronic library / Engineering / Firmware files (individual hex files)
- 2) <https://impco.sharefile.com/d-sefed748cf094ac09> (self extracting exe file)

Identification of Software revision levels

DCP: In service units with updated DCP software (from factory) will have a green dot on the CAT5 cable connector. Alternatively, Press 'Menu' and 'ESC' simultaneously to view the Software revision level on the DCP display

APU: In service units with updated APU software (from factory) will have a green dot next to the label '04'

Software by APU Serial Number

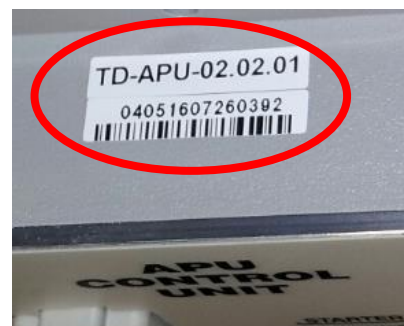
Device Label	Software	Notes:
APU "04A" 	APU 04.04A.hex	S/N after NXC98206420, prior to s/n ETD2220942; (Closed Sensors)
APU "04A" with green dot 	TD-APU-02.02.01.hex	S/N ETD2220943 or later

Device Label	Software	Notes:
DCP3 "S/W Rev 02C" 	DCP3 019.02C.hex	S/N after NXC98206420, prior to s/n ETD22220942
DCP3 "S/W Rev 02C" with green dot 	TD-DCP-02.02.01.hex	S/N ETD22220943 or later

Warranty / Labor consideration: None

APU Controller Service Part availability with updated Software:

If controllers have the label "TD-APU-02.02.01", this means the controller already has been preloaded with updated / new software.



DCP Controller Service Part availability with updated Software:

If controller has the S/W label with "02-01", this means the controller already has been preloaded with updated / new software.



Software Upload to DCP / APU Controller:

The 'PIC Programmer Installation and Programming Instructions', Document # 35-006-49 Revision H or higher, provides instructions on how to program the PIC Programmer and the DCP / APU controllers. The document is available through the IMPCO Dealerlink / Electronic Library (<https://dealerlink.impcotechnologies.com/ElectronicLibrary.aspx>).

Software Highlights, Applicability:

The latest DCP and APU software provides an improvement in diagnostics and Comfort Monitor mode. For further details, refer to Product Bulletin PB-6035.

http://www.impcotechnologies.com/pdf/bulletins/PB-6035_A%20ComfortPro%20System%20Improvements.pdf