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### <u>General</u>



This document is provided in conjunction with the "hex" file CINF0200.bex, which comprises the executable code for the following lon<sup>™</sup> System Control model numbers:

SYST0201CW

This series C software is ONLY compatible with these model wall controls.

Detailed instructions on uploading this software into the lon<sup>™</sup> System Control are included in this document. The software release package is available through this link:

http://cacbdpapps.net/marketing/eula/ICP ION V0200\_EULA.html

**Note:** This software is for the Series C controls only. The Series A or B controls cannot use Series C software and vice-versa.

### **Copyright Notice**

Carrier Corporation is the copyright owner of this material. Copyright laws and international copyright treaties, as well as other intellectual property laws and treaties protect this software update package. User may not and shall not copy or otherwise reproduce or make available to any other party any part of or the entire software update package. The User may, however, make one (1) copy of Software for backup or archival purposes.

### End User License Agreement

The user MUST read and accept the **End User License Agreement** included with this software package BEFORE downloading and using this software update package. If you do not accept the End User License Agreement, this software package must be deleted from your computer.

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#### **Revision History**

#### Version 2.00 (July 2025) Initial Release

Version 2.00 software includes the following updates to the ION® System Control:

- Updated VSPD ODU control algorithm enhanced temperature control (includes CVP compliance)
- Fixed 5 Ton equipment learning issue
- Resolved IDU dissipation fault 184
- Updated registration URLs in registration screens
- EULA now resets when wireless network is changed (new homeowner)
- Added refrigerant line length description to Refrigerant Charging Screens
- Refrigerant Charging Mode timer / workflow improvements.
- EOL test enhancements to drive software version alignment

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#### **Installation Instructions**

#### Finding the Current Software Version

The software installation process is Over The Air (OTA) and via USB-C device. The current software version may be determined as follows:

Press menu on the Main screen,



and then the down-arrow to go to the second menu screen.



Touch service icon.



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Touch model/serial numbers on the resulting screen.

service	
service information	
service reminder setup	
software update	
model/serial numbers	
back i	done

Touch wall control on the resulting screen.

model/serial numbers please select equipment			
system control	fan coil	heat pump	
zone board	no SAM/B36	no NIM	
dissipation board			
back	i	done	

View the Software Version number.

Software Version 131755-01.11, for example, is the production software version 1.11, released in February 2022.

model/serial numbers			
model:	SYSTXCCITC01-C		
serial number:	2622W000001		
software version:	131755-01.11		
Wi-Fi Module SW Versio	n: 01.07		
back	i	done	

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#### **Downloading the Software Update**

For Series C controls, software updates are provided via over-the-air (OTA) or uploaded manually using a USB - C memory device. The following instructions apply to the manual update process.

You will obtain best results using a USB – C device that is between 4GB - 32GB in size and formatted as a FAT32 device. Any other formatting (NTFS, exFAT, etc.) will result in an error of "please insert USB – C Device."

To perform a control software update, follow these steps:

Click on this link to obtain the updated software:

#### http://cacbdpapps.net/marketing/eula/ICP Ion V02.00 eula.html

If the link does not work properly, copy the link into your browser web address window and open the link.

**NOTE:** You may NOT distribute the software itself. You may only distribute the link to the software, or this document.

Read the End User License Agreement (EULA).



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 At the bottom of the EULA, choose "Yes" if you accept the agreement. If you do not wish to accept the agreement, you will not be able to download the software update.

**NOTE:** EACH user must accept the EULA each time the software is downloaded. You may NOT distribute the software itself. You may only distribute the link to the software, or this document.

S cacbdpapps.net/marketing/eula/ ×	+	- □ ×
$\leftrightarrow$ $\rightarrow$ C $\Delta$ G Search God	gle or type a URL	0 A :
12. General. The section titles in thave no legal or contractual signifillustrative and not exhaustive, unle act with respect to a breach by y subsequent or similar breaches. Noo it is in a signed writing, and no was ame provision on another occasion restriction of this Agreement to the remaining terms, covenants and res affected, impaired or invalidated. Yo rights (if any) under this Agreement. This Agreement constitutes the emission constitutes the emission of an order and merges all prior an electronic, oral or written, betweere Licensor in connection with this Agrequested or sent by overnight courd	cance. Any list of examples follo ss qualified by terms like "only" or ou or others does not waive its waiver of any provision of this Agre ver will constitute a waiver of an if a court of competent jurisdiction er illegal, invalid or unenforceabl trictions will remain in full force an u may not assign, transfer or subli This Agreement will be binding up dire agreement between you and d contemporaneous communicati you and Licensor with respect to eement must be in writing and w mails, postage prepaid, certified	wing "including" or "e.g.," is "solely." Licensor's failure to right to act with respect to ement will be effective unless y other provision(s) or of the holds any term, covenant or e, in whole or in part, the d effect and will in no way be cense this Agreement or your ion all successors and assigns. Licensor with respect to the ons and proposals, whether the Software. All notices to ill be deemed given as of the or registered, return receipt
I agree to the terms of this	License Agreement and desire to a	ccess the software.*
Yes		No

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 Use the Download link provided in the EULA document to download the software update package.



 Once the file has been downloaded, open it in WinZip. Select the TSTAT folder, then the Unzip to action.

**NOTE:** The names of the files in the images below are examples and will change with the latest version numbers.

💐   💕 🐌 🖹 🖛   Version_0240_Carrier - WinZip Enterprise - 🗆 🗙					
File Unzip/Share Edit	Ba	ckup Tools Settings Vi	iew Help		~ 🕐
Files * + Files	>	Version_0150_0	Carrier	Actions Unzip All Files	^
Browse & Manage Files	^	TSTAT Type: Folder	3/25/2020	Unzip to: \Version_02	0_Car 🗸
Computer AI250394 1.66 TB free of 2.75 TB				Convert & Protect When adding files to t	
Network				🔒 Encrypt	Off
<b>S</b>				Reduce Photos	Off
●▲ Homegroup	~			Convert Photos	Off
		1 item(s)	Zip File: 6 item(s), 4.72 MB	😪 Remove Info	Off

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• Choose the USB-C drive as the location to which to extract the folder from the zip file. This will create a new **TSTAT** folder or over-write the existing **TSTAT** folder and any files contained within it. Click **Unzip**.

📮 Unzip - Version_0240_Carrier.zip	>	<
← → → ↑ 📙 « Computer A	l → USB Drive (E:) >	
New folder		
<ul> <li>3D Objects</li> <li>Desktop</li> <li>Documents</li> <li>Downloads</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> <li>Windows (C:) (113 GB</li> <li>Data (D:) (113 GB free</li> <li>Backup Plus (F:) (1.44</li> <li>USB Drive (E:) (3.04 G</li> </ul>	USB Drive (E:)	
MyStuff TSTAT		
	Unzip Cancel	]

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- Verify that the files, including the CINF0152.bex file, have been extracted into the TSTAT folder of the USB-C drive.
- **NOTE:** The names of the files in the images below are examples and will change with the latest version numbers.

I 🖸 📴 = I TSTAT		- 🗆 X
File         Home         Share         View           Image: Share         View         Image: Share         Ima	t Nove Copy to to t	^ (
Clipboard	Organize New Open Select	
← → × ↑ 📙 → This PC → USB Drive	ve (E) > TSTAT v (B) Search TSTAT	م
Recordings	Name     Date modified     Type     Size	
TSTAT	Carrier EUL & Carrier Products 20240409 12/1/2023 10:41 AM Microsoft Edge P 326 KB	
💻 This PC	CINF0150     4/4/2024 10:35 PM     BEX File     8,664 KB	
3D Objects	car inimity system Control Version 0150 Rele 6/27/2024 11:21 AM Microsoft Edge P 262 KB	
🔜 Desktop		
Documents		
🖊 Downloads		
👌 Music		
Pictures		
📑 Videos		
SDisk (C:)		
SDHC (D:)		
USB Drive (E:)		
Marketing (\\cusiif05\secured) (K:) Engineering (\\cusiif06\secured) (M:)		
	,	
SDHC (D:)		
USB Drive (E:)		
Pretwork		
3 items		822 6

Next, eject the USB-C drive from the PC and go on to the installation, below.

#### Installing the Software Update

From the **MENU** screen, select the **service** icon.



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 Select software update. If this option does not appear, your dealer will need to install your software. Contact your dealer for assistance.



Select update software using USB – C device.

soft	tware update	
update software us	sing Wi-Fi	
end user license a	agreement	
update software u	ising USB-C	
back	i	done

Select system control software update.

*Note:* Some systems may include HVAC equipment capable of accepting a software update, but that is not covered in this document.

update software using USB-C			
system control			
back	i	done	

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Plug the USB-C drive into the bottom right of the control.

If this screen continues to appear, recheck the device and formatting. See the download section.



 If the .bex file is stored properly on the USB-C drive, this screen will appear. If the screen says, "Please insert USB-C drive", remove the USB-C drive and re-insert. If it still does not show the screen, below, go back to the download part and retry.

**NOTE:** The names of the files in the images below are examples and will change with the latest version numbers.

Press **yes** to continue with the software upgrade. The upload and installation will take several minutes.



• When the software upgrade is complete, a "successful" message will appear.

software update	
software successfully upgraded to version	'n
131755-01.52	
i	done

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• The control will perform a restart after the **done** button is pressed.

There will be a longer than normal delay for the wall control to restart since part of the process at this time is the completion of the new software installation. Once the control has successfully restarted, the USB-C device may be removed.



• This completes the software upgrade process.

You may want to confirm the new software version, as described above.