

**HK42FZ114, HK42FZ116, HK38EA060,  
HK32EA013  
Control Board  
InteliSense™ Equipment Relearning**


## **Installation Instructions**

**NOTE:** Read the entire instruction manual before starting the installation.

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### **1. Safety Considerations**

Read and follow manufacturer instructions carefully. Follow all local electrical codes during installation. All wiring must conform to local and national electrical codes. Improper wiring or installation may damage the thermostat and equipment.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the equipment and in the instruction manual, be alert to the potential for personal injury.

Understand the signal words **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol. **DANGER** identifies the most serious hazards which will result in severe personal injury or death. **WARNING** signifies a hazard which could result in personal

injury or death. CAUTION is used to identify unsafe practices which may result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

This document defines the instructions needed to initiate the relearning process on the ecobee for Carrier/Bryant smart thermostats with IntelliSense™ technology whenever one of the following equipment control boards is replaced.

**Table 1 – Equipment Boards**

<b>Board P/N</b>	<b>Description</b>
HK42FZ114	Control Board - 1-STG IntelliSense Furnace
HK42FZ116	Control Board - 2-STG IntelliSense Furnace
HK38EA060	Control Board - IntelliSense Fan Coil (R-410A) *** Superseded by HK38EA071 ***
HK38EA071	Control Board - IntelliSense Fan Coil (R-410A, R-454B)
HK32EA013	AC HP SCM

**NOTE:** Please confirm that all the connectors to the control board are fully seated and that all sensors are properly connected.

## **2. Relearn Process**

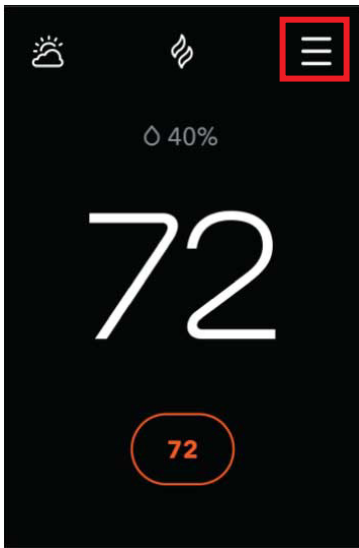
To initiate the relearning process, follow the steps below.

**NOTE:** The screens provided are for a 2-stage furnace control board, but the steps apply to all boards listed in [Table 1](#).

## 2.1. ecobee3 lite

(SKUs EB-STATE3LTICR-01, EB-STATE3LTICB-01, EB-STATELTIBR-01, EB-STATE3LTIBB-01)

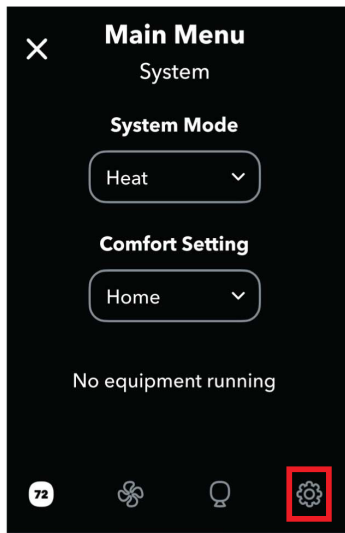
1. From the Home screen, press the hamburger menu, to transition to the Main Menu System screen.



**Fig. 1 – Home Screen**

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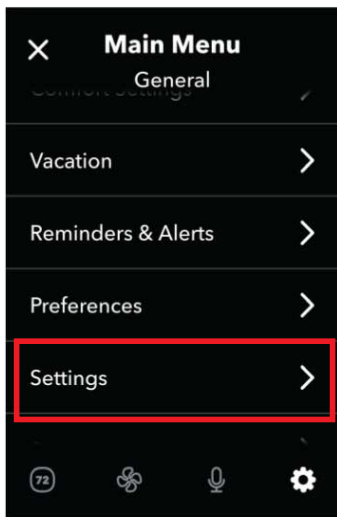
- From the Main Menu System screen, press the settings button which will launch the Main Menu General screen.



**Fig. 2 – Main Menu System Screen**

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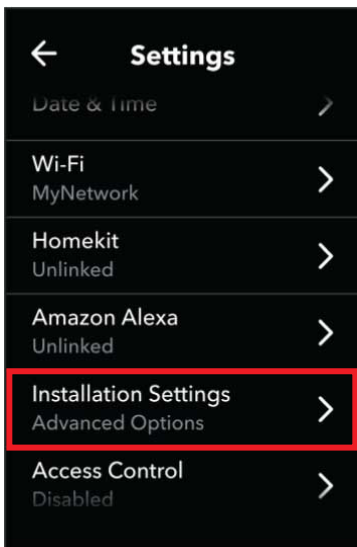
- From the Main Menu General screen, select the Settings option to launch the Settings screen.



**Fig. 3 – Main Menu General Screen**

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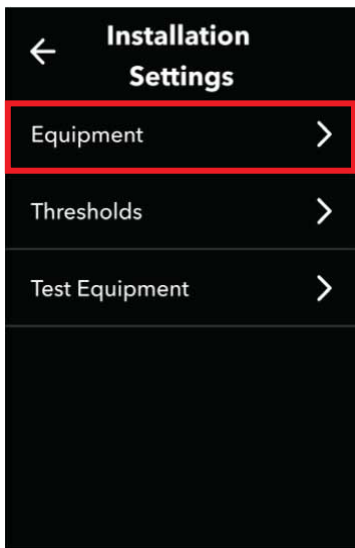
- From the Settings screen, press the Installation Settings option.



**Fig. 4 – Settings Screen**

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- From this Installation Settings screen, press the Equipment option.



**Fig. 5 – Installation Settings Screen**

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- From the Equipment screen, press the Reconfigure Equipment option and follow the steps to define the equipment configuration. After completing these steps, return to the Home screen to begin the steps to learn the outdoor unit (if applicable).

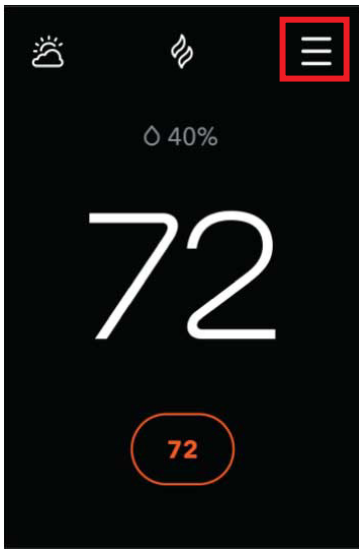


**Fig. 6 – Equipment Screen**

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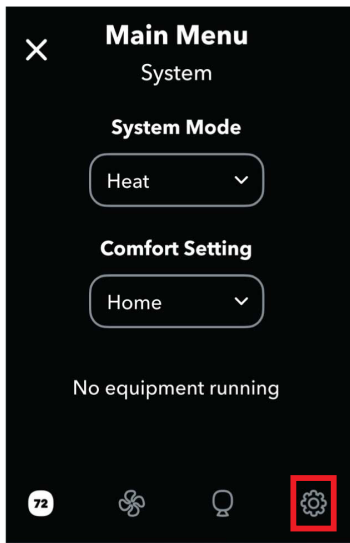
- To continue the process, from the Home Screen, press the hamburger menu to transition to the Main Menu System screen.



**Fig. 7 – Home Screen**

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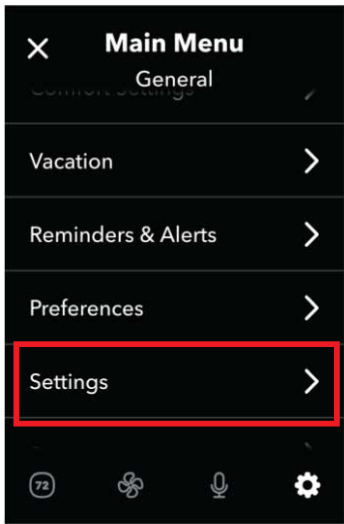
8. From the Main Menu System screen, press the Settings button which will launch the Main Menu General screen.



**Fig. 8 – Main Menu System Screen**

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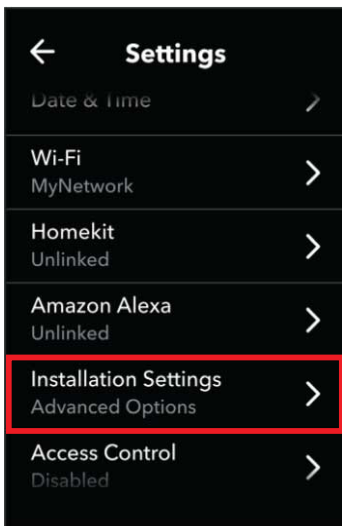
9. From the Main Menu General screen, select the Settings option to launch the Settings screen.



**Fig. 9 – Main Menu General Screen**

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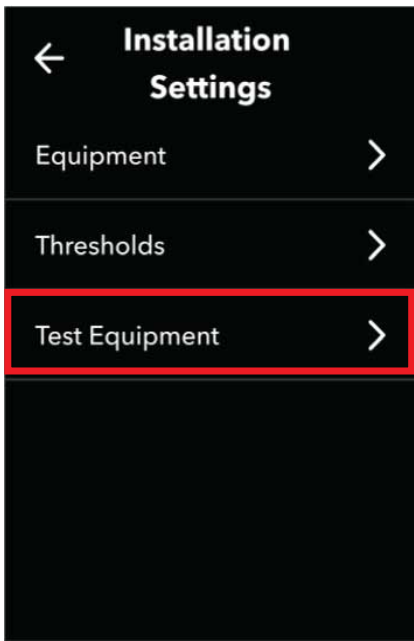
10. From the Settings screen, press the Installation Settings option.



**Fig. 10 – System Screen**

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11. From the Installation Settings screen, press the Test Equipment option. When the Warning screen is displayed, press OK.



**Fig. 11 – Test Equipment Option Screen**

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## ← Test Equipment

Warning! These tests are designed to be run by a qualified HVAC contractor ONLY. All equipment will be turned off when you press OK. Please note: The compressor protection feature is not available during these tests.

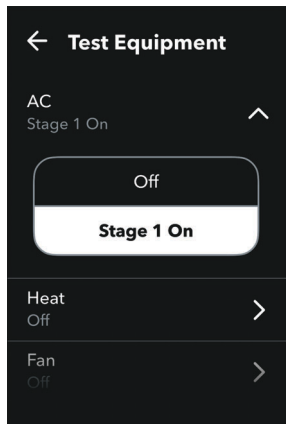
Cancel

OK

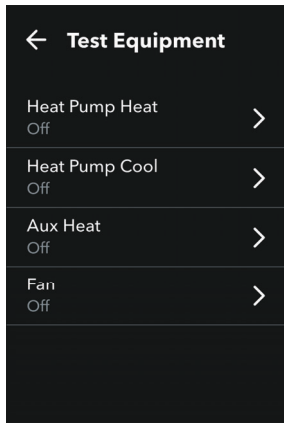
**Fig. 12 – Test Equipment Screen**

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12. Based on the type of outdoor equipment installed, select the option that will engage the Y1 signal to turn on the outdoor unit's compressor. Run the test for approximately 10 seconds and then turn Off. Return to the Home screen to confirm the equipment has been released.



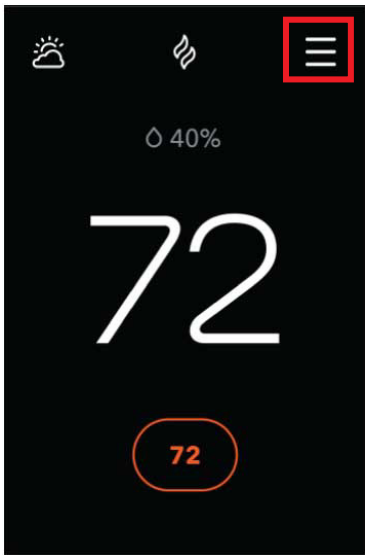
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**Fig. 13 – Test Equipment Selector Screen**

13. To confirm the relearn process was successful, from the Home screen, press the hamburger menu, to transition to the Main Menu System screen.

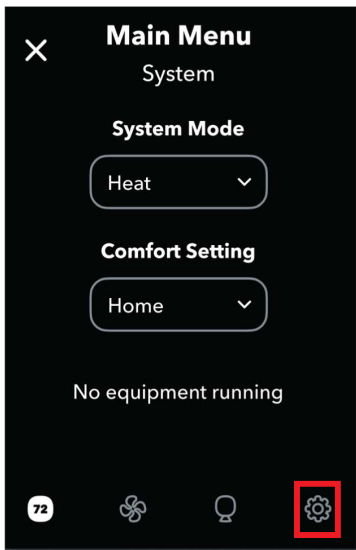


**Fig. 14 – Home Screen**

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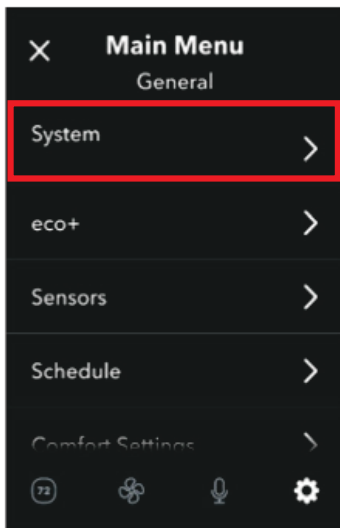
14. From the Main Menu System screen, press the Settings button which will launch the Main Menu General screen.



**Fig. 15 – Main Menu System Screen**

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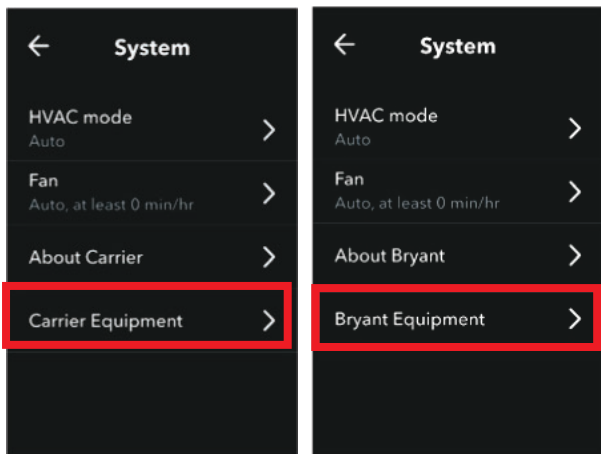
15. From the Main Menu General screen, select the System option.



**Fig. 16 – Main Menu General Screen**

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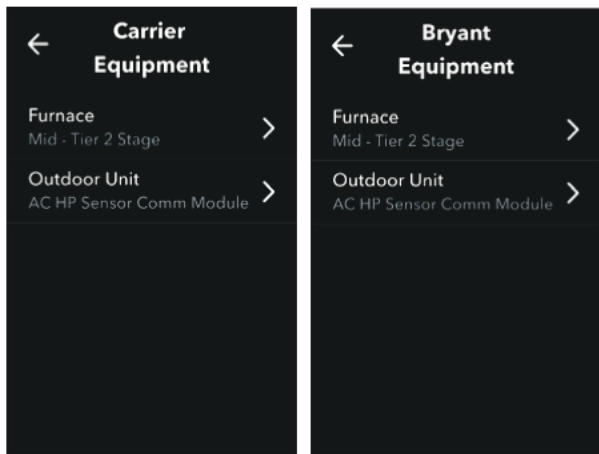
16. From the System screen, select the Equipment option.



**Fig. 17 – System Screen**

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17. The learned equipment will be displayed on the screen. Completing these steps will ensure equipment data is reported to the IntelliSense cloud.

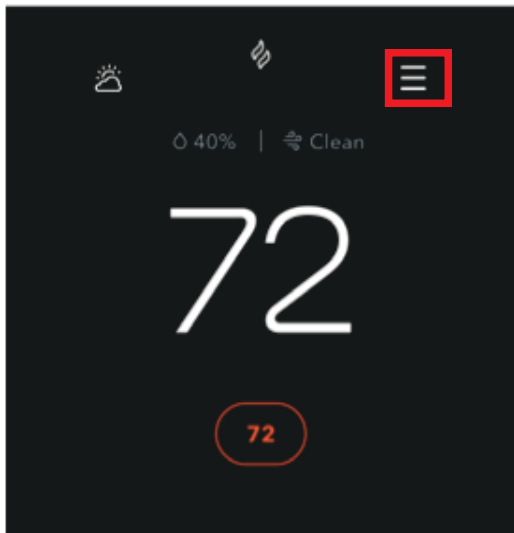


**Fig. 18 – Equipment Screen**

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## 2.2. ecobee Premium (SKUs EB-STATE6ICR-01, EB-STATE6IBR-01)

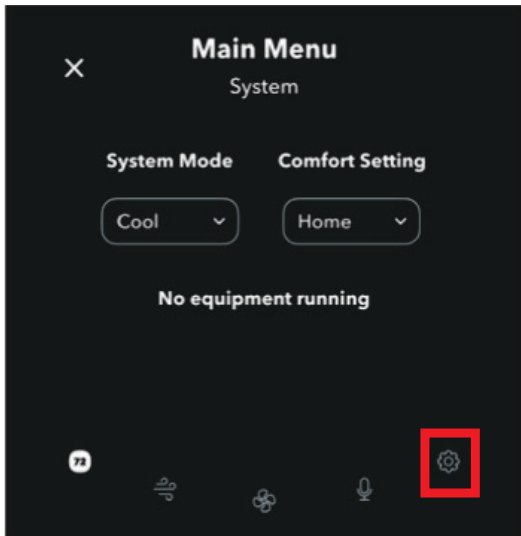
1. From the home screen, press the hamburger menu, to transition to the Main Menu System screen.



**Fig. 19 – Home Screen**

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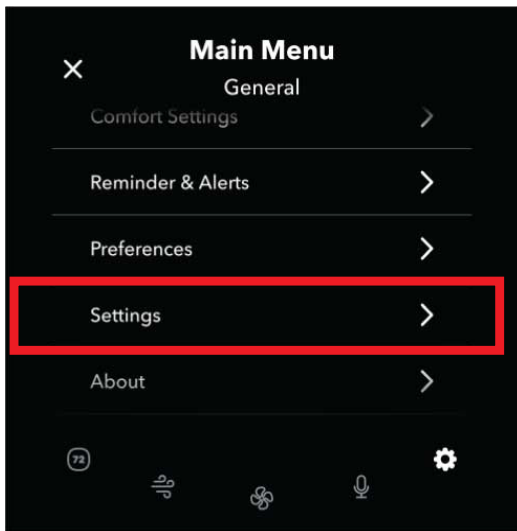
- From the Main Menu System screen, press the Settings button which will launch the Main Menu General screen.



**Fig. 20 – Main Menu System Screen**

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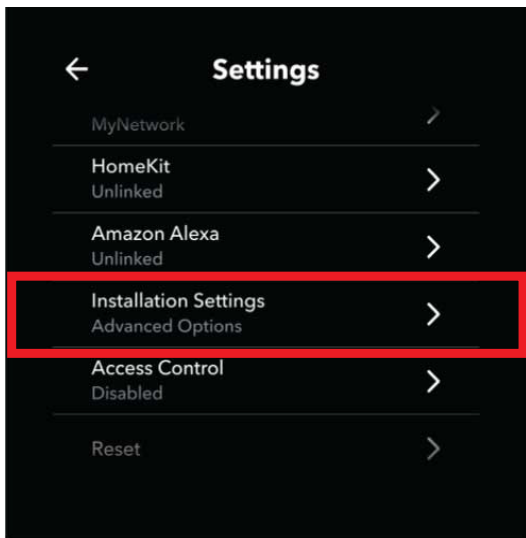
- From the Main Menu General screen, select the Settings option to launch the Settings screen.



**Fig. 21 – Main Menu General Screen**

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- From the Settings screen, select the Installation Settings option.

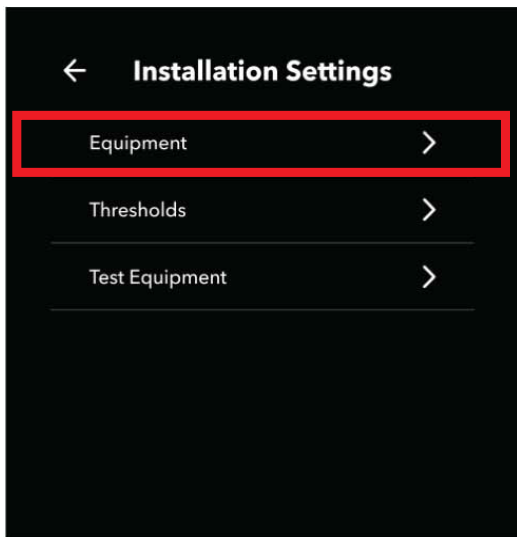


**Fig. 22 – Settings Screen**

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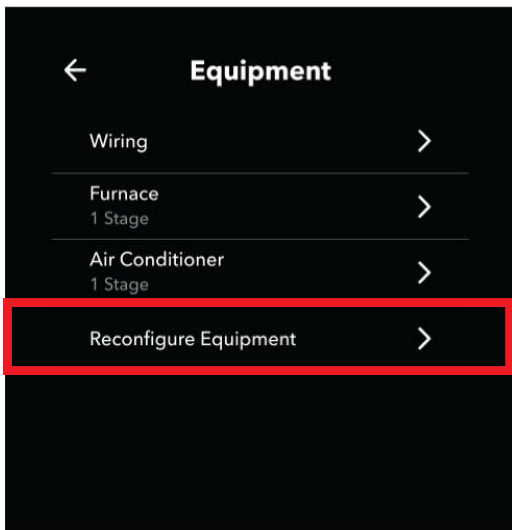
- From this Installation Settings screen, select the Equipment option.



**Fig. 23 – Installation Settings Screen**

A230192

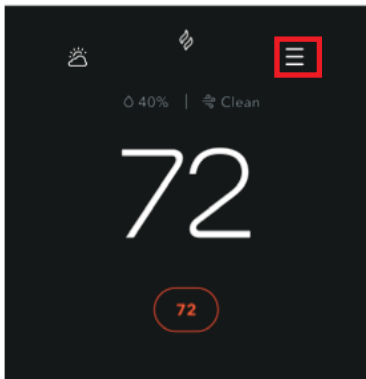
- From the Equipment screen, press the Reconfigure Equipment option and follow the steps to define the equipment configuration. After completing these steps, return to the Home screen to begin the steps to learn the outdoor unit (if applicable).



**Fig. 24 – Equipment Screen**

A230193

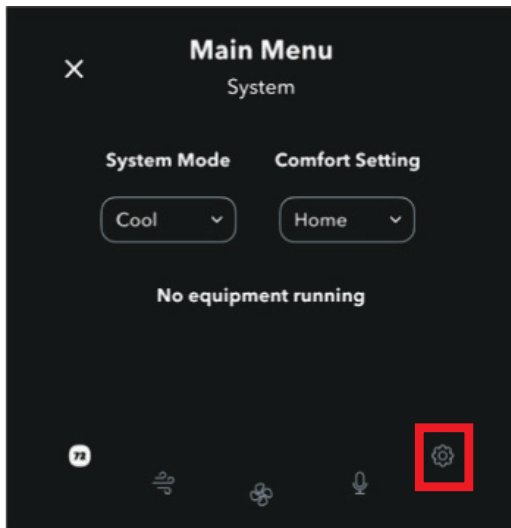
7. To continue the process, from the Home Screen, press the hamburger menu to transition to the Main Menu System screen.



**Fig. 25 – Home Screen**

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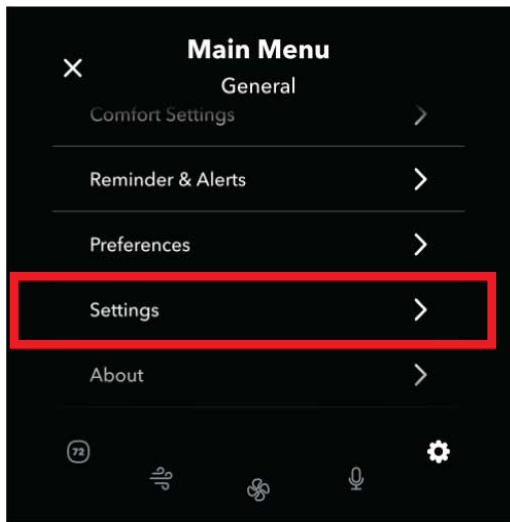
8. From the Main Menu System screen, press the Settings button which will launch the Main Menu General screen.



**Fig. 26 – Main Menu System Screen**

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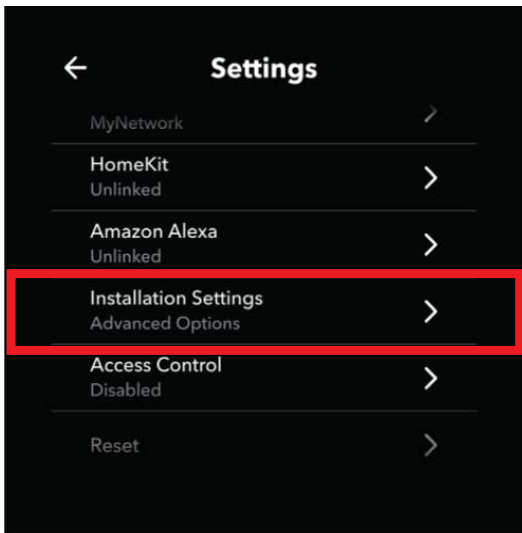
9. From the Main Menu General screen, select the Settings option to launch the Settings screen.



**Fig. 27 – Main Menu General Screen**

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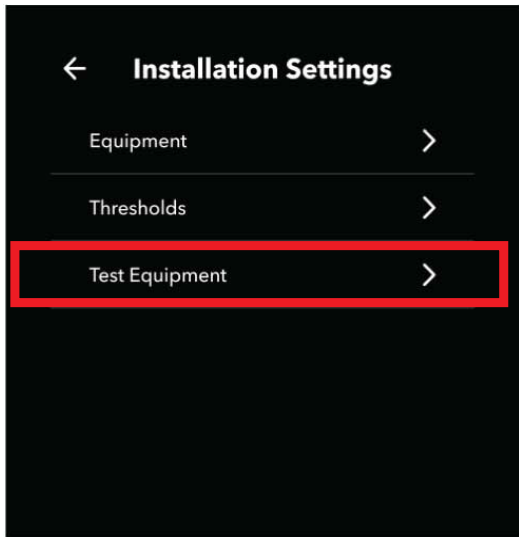
10. From the Settings screen, press the Installation Settings option.



**Fig. 28 – Settings Screen**

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11. From the Installation Settings screen, press the Test Equipment option. When the Warning screen is displayed, press OK.



**Fig. 29 – Test Equipment Screen**

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## Test Equipment

Warning! These tests are designed to be run by a qualified HVAC contractor ONLY. All equipment will be turned off when you press OK. Please note: The compressor protection feature is not available during these tests.

Cancel

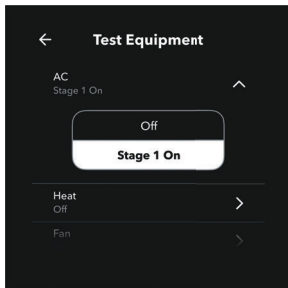
OK

**Fig. 30 – Test Equipment Screen**

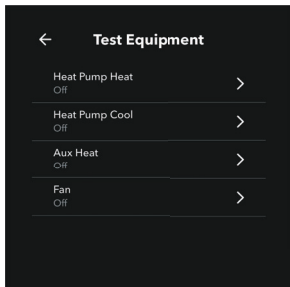
A230303



12. Based on the type of outdoor equipment installed, select the option that will engage the Y1 signal to turn on the outdoor unit's compressor. Run the test for approximately 10 seconds and then turn Off. Return to the Home screen to confirm the equipment has been released.



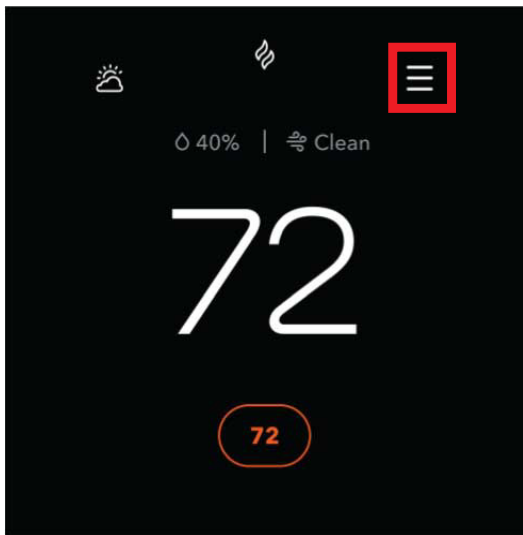
A230304



A230313

**Fig. 31 – Test Equipment Selector Screen**

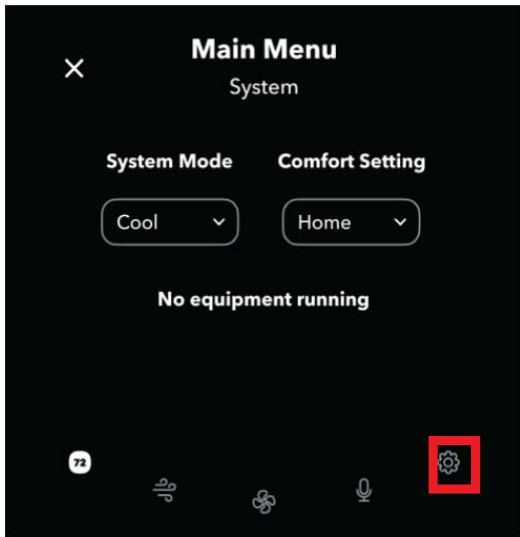
13. To confirm the relearn process was successful, from the Home screen, press the hamburger menu, to transition to the Main Menu System screen.



**Fig. 32 – Home Screen**

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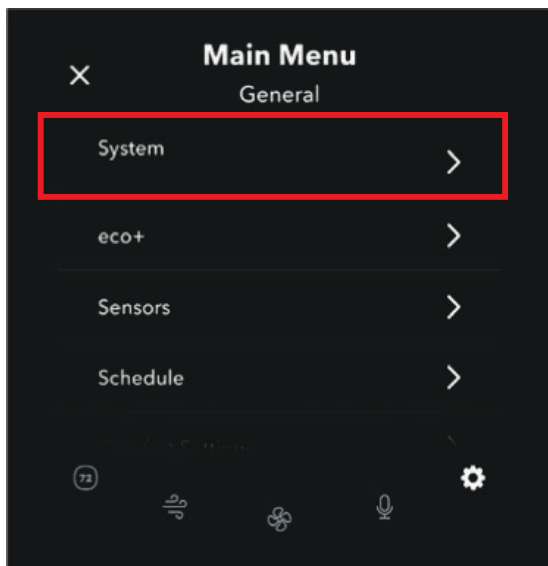
14. From the Main Menu System screen, press the Settings button which will launch the Main Menu General screen.



**Fig. 33 – Main Menu System Screen**

A230195

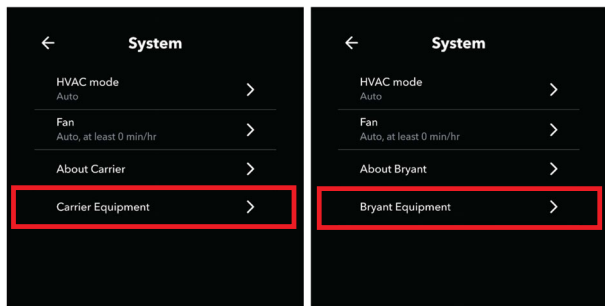
15. From the Main Menu General screen, select the System option.



**Fig. 34 – Main Menu General Screen**

A230196

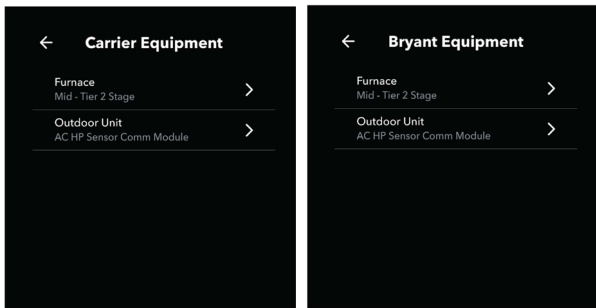
16. From the System screen, select the Equipment option.



**Fig. 35 – System Screen**

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17. The learned equipment will be displayed on the screen. Completing these steps will ensure equipment data is reported to the IntelliSense cloud.



**Fig. 36 – Equipment Screen**

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Edition Date: 05/24 Replaces: IM-HK-01

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