

INSTALLER'S GUIDE

18-GJ92D1-1A-EN

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

Model:
CNT09289 or
superseded

TAMX Replacement Air Handler Control Board Configuration

This control board needs configured for use and will not operate until correctly configured.

IMPORTANT — This Document is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

1. Safety Considerations

IMPORTANT: Follow all Warnings and Cautions in the air handler Installer's Guide.

⚠ WARNING

THE INFORMATION IN THIS GUIDE IS FOR USE BY INDIVIDUALS HAVING ADEQUATE ELECTRICAL AND MECHANICAL BACKGROUND. ANY ATTEMPTS, BY UNQUALIFIED PERSONS, AT PLUMBING, INSTALLING OR REPAIRING A HYDRONIC SYSTEM OR CENTRAL AIR CONDITIONING PRODUCT COULD RESULT IN PROPERTY DAMAGE, SEVERE PERSONAL INJURY OR DEATH. THE MANUFACTURER OR SELLER CANNOT BE RESPONSIBLE FOR THE INTERPRETATION OF THIS INFORMATION, NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

⚠ WARNING

ELECTRICAL HAZARD!
DISCONNECT ALL ELECTRICAL POWER, INCLUDING REMOTE DISCONNECTS BEFORE INSTALLING OR SERVICING. FOLLOW PROPER LOCKOUT/TAGOUT PROCEDURES TO ENSURE THE POWER CAN NOT BE INADVERTENTLY ENERGIZED. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS PERSONAL INJURY, DEATH, OR PROPERTY DAMAGE.

2. Inspection

1. Unpack all components of the kit.
2. Check carefully for any shipping damage. If any damage is found, this must be reported immediately and a claim made against the transportation company.
3. Check to be sure all components are in the package. Any missing components should be reported to your supplier at once and replaced with authorized components only.

3. General Information

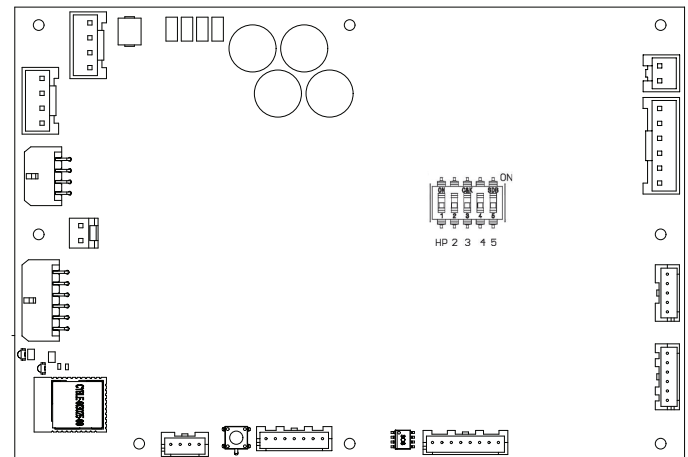
This replacement control board is used on TAMX air handlers.

NOTE: This instruction will explain how to configure this control board to operate.

4. Kit Contents

Each kit will contain:

Item	Qty	Description
1	1	Air Handler Control Board
2	1	Installer's Guide

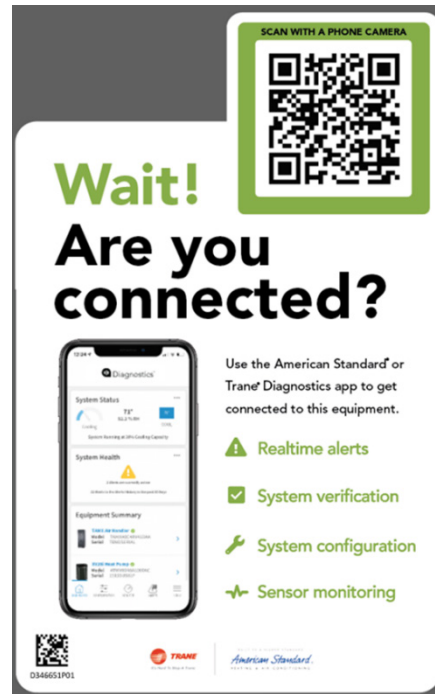


Air Handler Control Board

5. GET THE APP:

The Diagnostics Mobile App can be found in your device App Store when searching for Trane Diagnostics or American Standard Diagnostics. A QR code can be scanned which sends you directly to the location:

Technician will need Comfortsite or AS Dealernet credentials to use this tool.



6. Replacement AHC Configuration – 24 volt mode

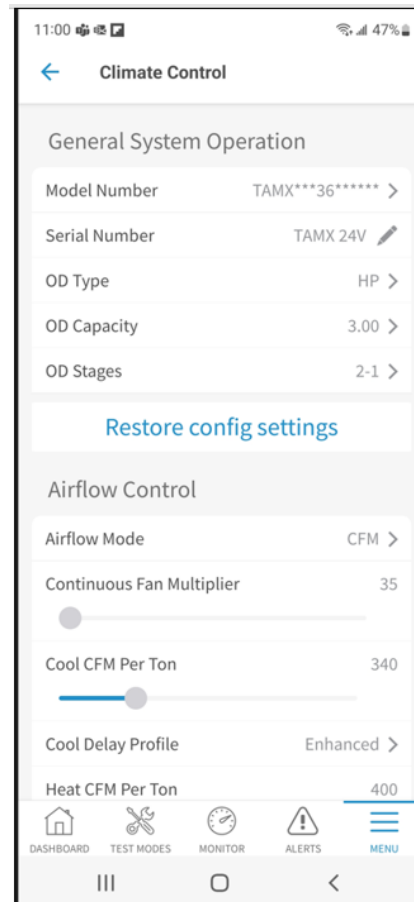
Replacement AHC boards need programmed and will not run without configuration **IN 24 Volt Mode**. There are 2 ways to perform the configuration. 1 of the methods is required to get the unit running. Combining 2 or more methods will result in unwanted operation.

1. The most complete configuration will be accomplished using the Diagnostics Mobile App. In this app, there are configurations for the model number, blower delays and accessories.
2. There is a Button Press method to configure the size of the air handler and is accomplished by pressing the S1 button on the bottom of the control board in a sequence explained in this document.

Only 1 of these methods should be used.

After configuration, power cycle the air handler.

Method #1:



7. Button Press AHC Configuration Method: Method #2

Table 1: Configuration for Replacement AHC

<p>Replacement AHC will need to be configured for unit size. Airflow will be set at 400 cfm/ton based on unit size configuration. These configurations can be done through the Diagnostics Mobile App with no manual steps or can be done manually without the Diagnostics Mobile App.</p>		
Step	Manual Program Unit Model Size	Red LED Status
1	Hold J13 BLE button down for 5 seconds and release	Red LED will be off
2	Now entering programming	1 Red LED flash alerts user that it is now able to program
3	If a configuration is present, will announce now	Red LED will be off if no configuration is present
4	If no configuration is present, AHC will inform you it is ready to program	5 quick Red LED flashes
5	After 5 quick flashes, start programming within 2 seconds by pressing J13 button. Red LED will also flash with each button press	1 press= TAMXB0A24 2 press= TAMXB0B30 3 press= TAMXB0C36 4 press= TAMXB0C42 5 press= TAMXB0C48 6 press= TAMXB0C60
6	2 seconds after the last button press, the Red LED will flash 1 time to acknowledge programming	Red LED will now flash the number of times you pressed to confirm your configuration. If you programmed the wrong size, within 2 seconds, start step 5 over
7	If the configuration is correct and the BLE button has not been pressed for 2 seconds, Red LED will announce successful programming. After configuration, power cycle the air handler.	Red LED will turn on for 5 seconds announcing the configuration has been stored in NV memory correctly. Red LED will be on for only 2 seconds if not stored properly. Programming is complete.

8. Replacement AHC Configuration – LINK Communicating Mode:

The System Controller (SC360) will load important parameters in communicating mode and no interaction is necessary when replacing the AHC. IF the AHC and the System Controller (SC360) need replaced at the same time - contact your local FSR or technical support agent.

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The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

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Supersedes (New)

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