



Intellihot

**THANK
YOU**

FOR YOUR ORDER

NOTICE: Seller's warranty shall be void and of no effect if:

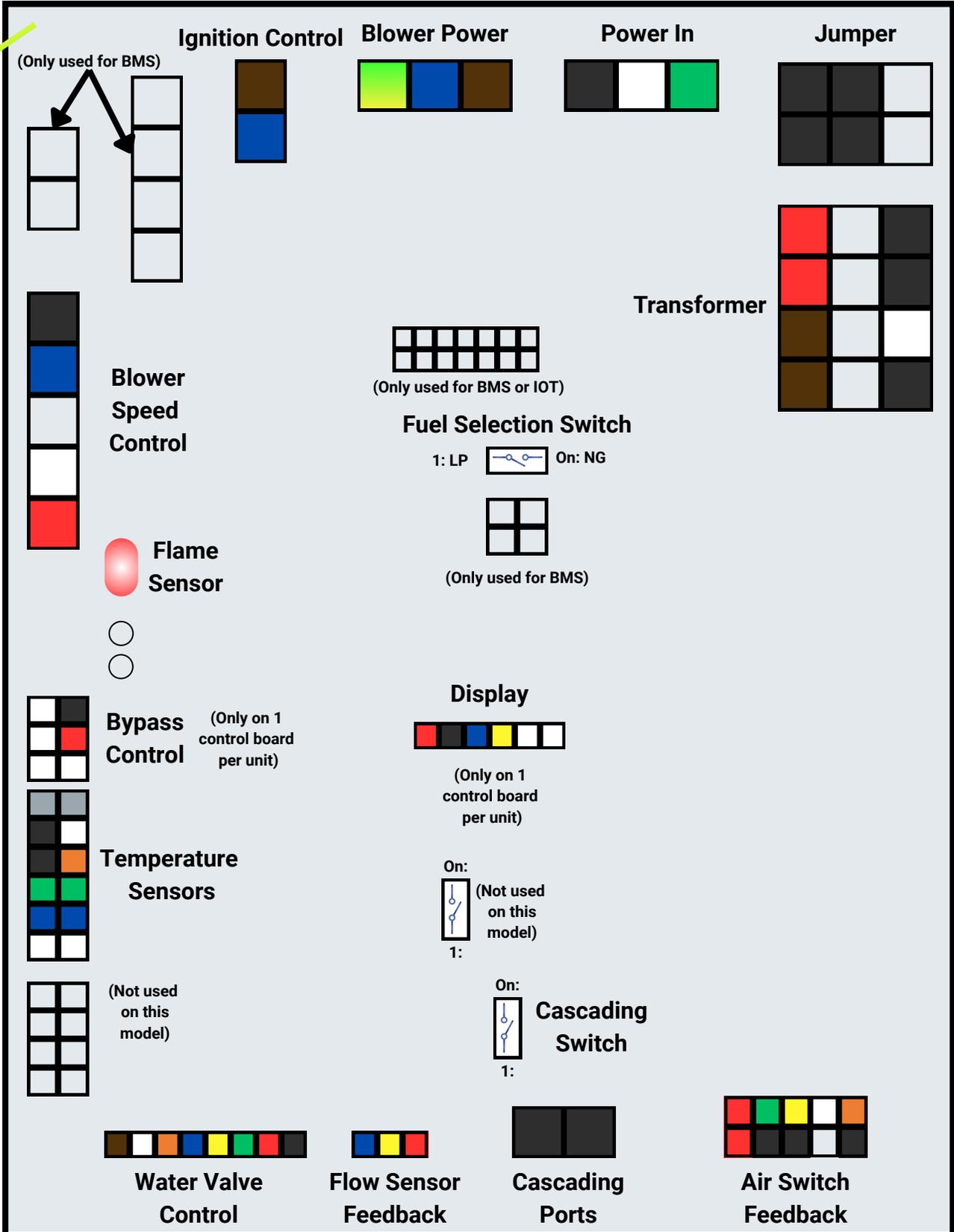
1. Licensed contractor is not used to install products.
2. Buyer uses the products in a manner not intended by Seller or in a manner not disclosed by Buyer; or
3. The breach resulted from the actions or omissions by another party or misuse of the products. For further questions or assistance feel free to reach out to our Customer Support team at: 877-835-1705

Control Board Replacement

Applicable Part Numbers: SPR0002, SPR0129

Diagram

Control Boards come in White or Green, they will have the same layout and process



Control Board Replacement

Applicable Part Numbers: SPR0002, SPR0129

Steps to Remove Old Control Board

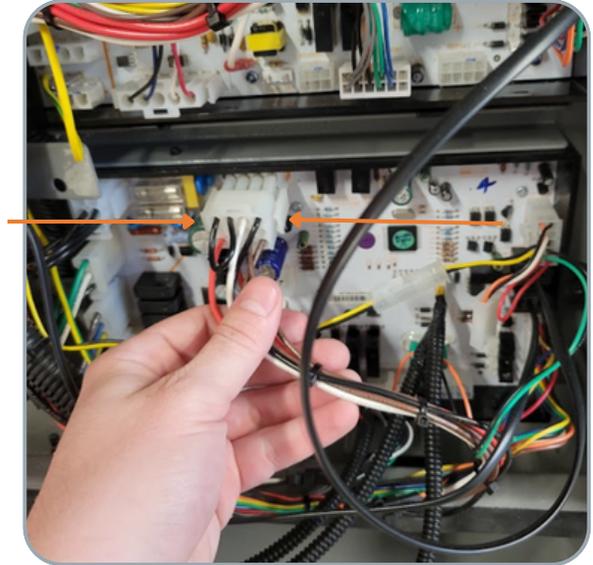
1

Power the unit off at the rocker switch.



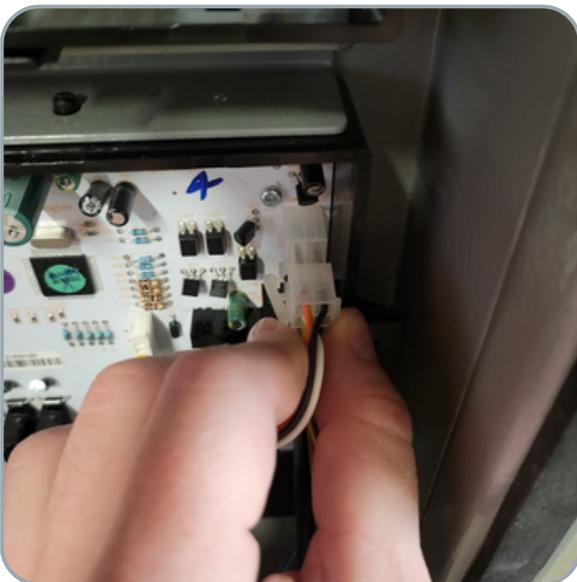
2

Press in on the two tabs on either side of the 12 pin transformer power harness and unplug it. (J12)



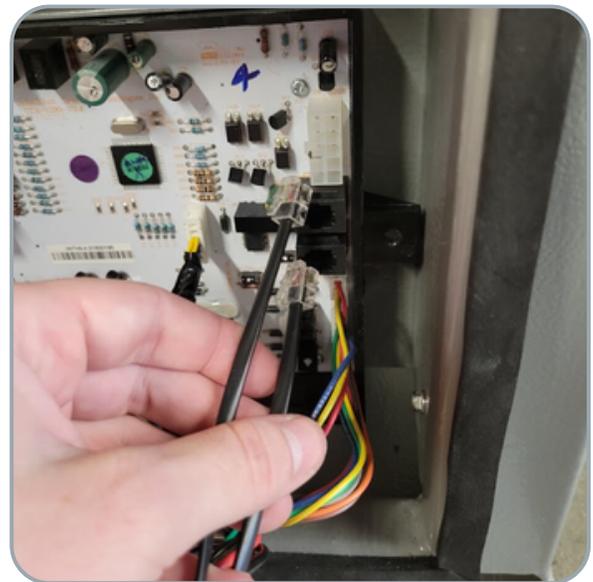
3

Press in on the tab on the left of the Air Switch Feedback Harness and unplug it. (J10)



4

Press on the tab on the left of the cascading cables and unplug them. (J19)



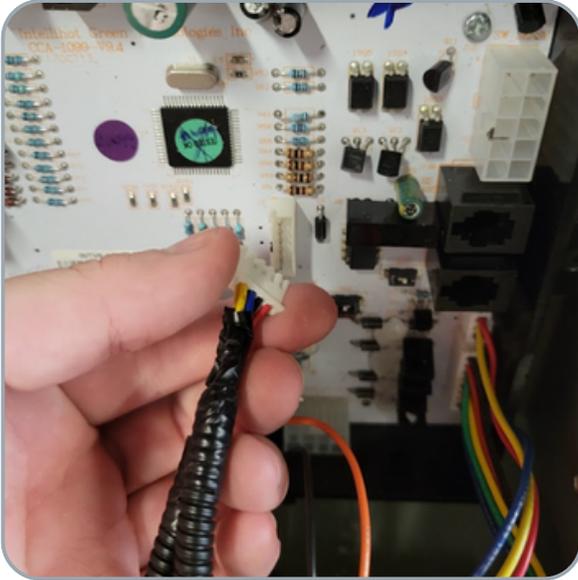
Control Board Replacement

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Steps to Remove Old Control Board

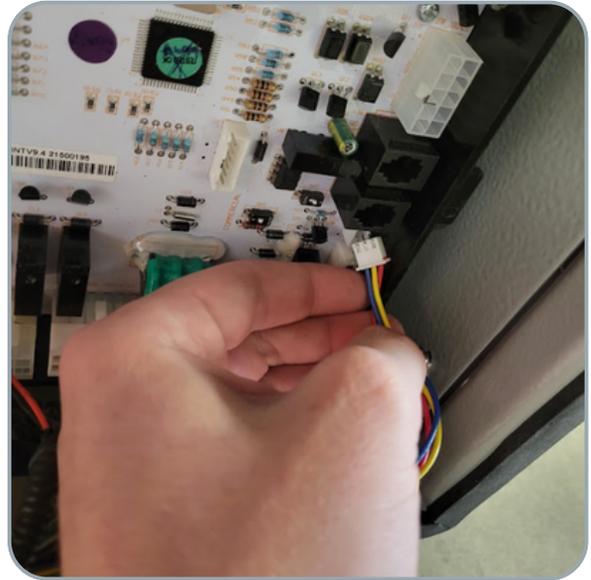
5

Unplug the 4 wire 6 pin display cable by pulling on the white plastic connector. (J2) If applicable.



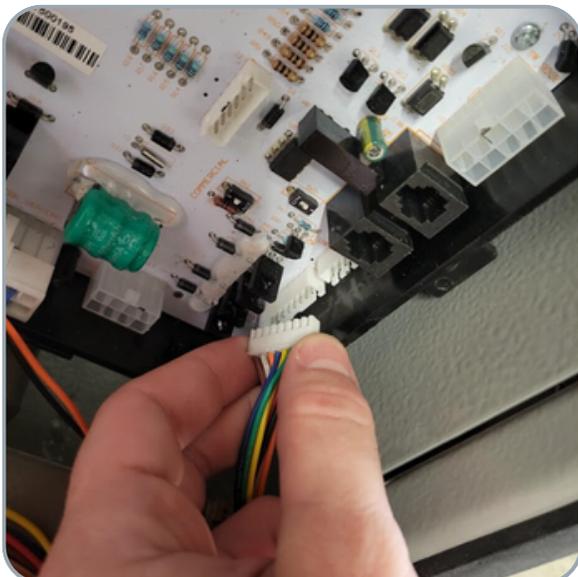
6

Unplug the 3 wire flow sensor feedback harness by pulling on the white plastic connector (J20)



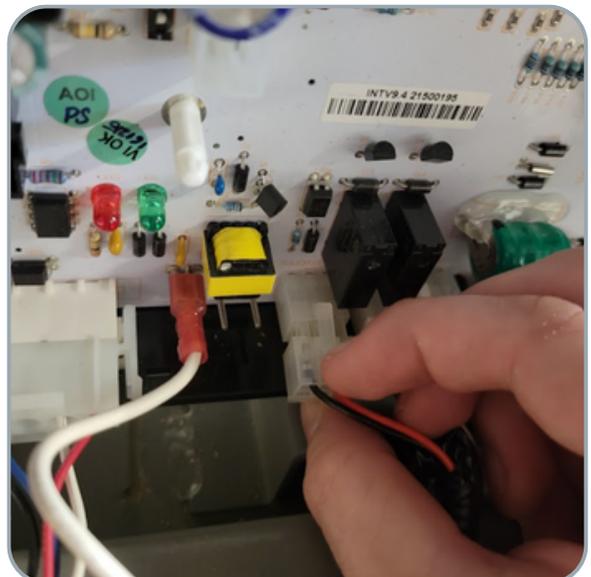
7

Unplug the 8 wire flow sensor feedback harness by pulling on the white plastic connector (J5)



8

Unplug the 2 wire 6 pin bypass control harness by pressing in on the tab on top. (J11) If Applicable.



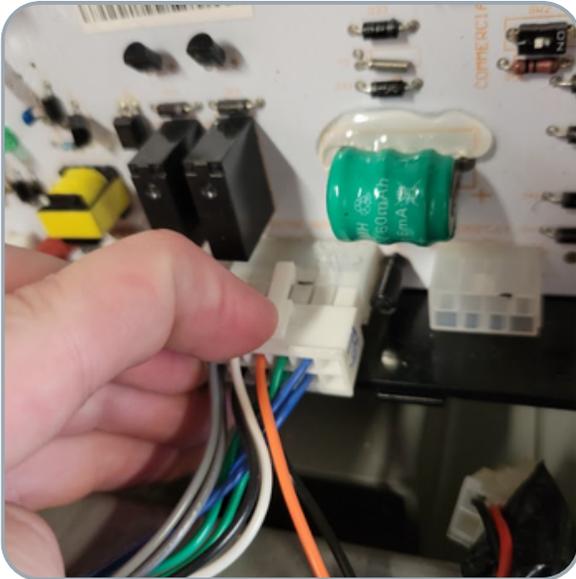
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Steps to Remove Old Control Board

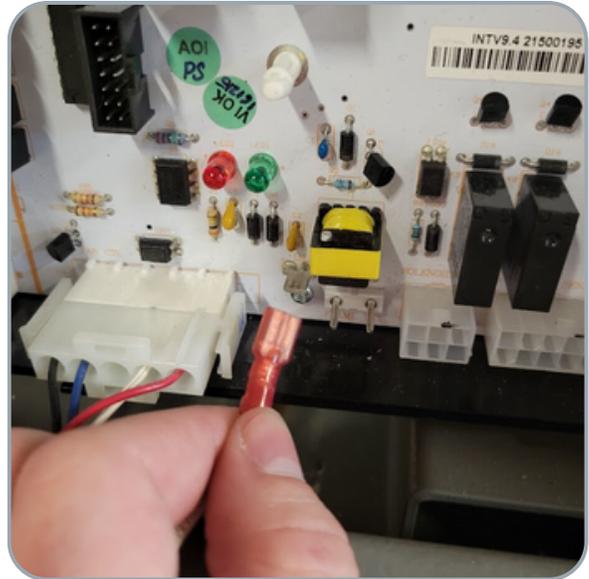
9

Unplug the 10 wire 12 pin temperature sensor feedback harness by pressing in on the tab on top. (J3)



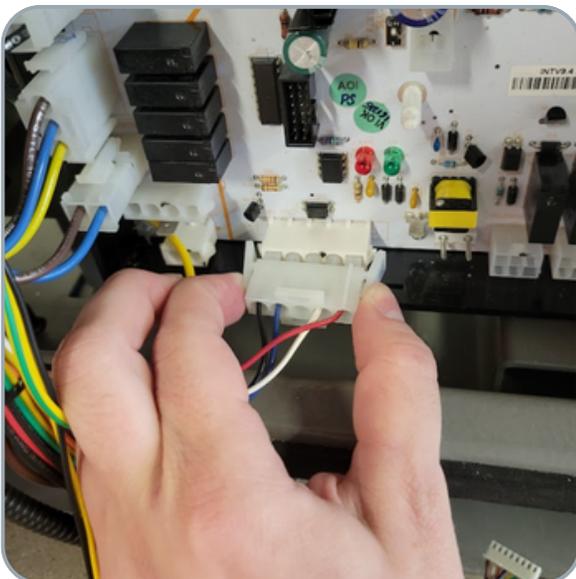
10

Unplug the flame sensor feedback wire by pulling on the red connector. (E12)



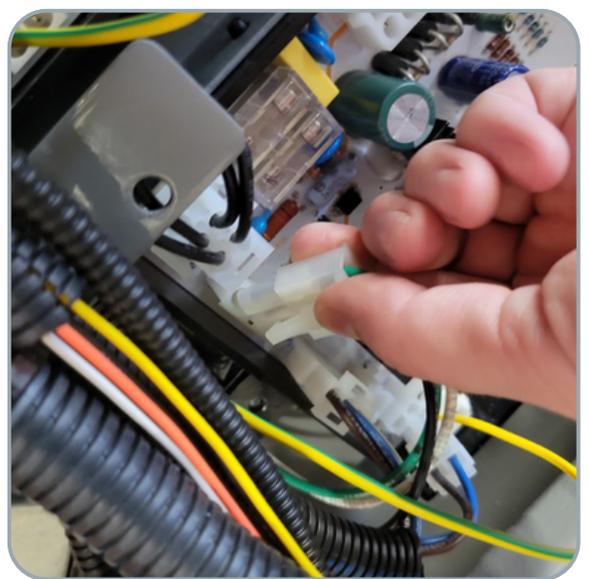
11

Unplug the 4 wire 5 pin blower speed control harness by pressing in on the two tabs on either side. (J18)



12

Unplug the 3 wire power harness by pressing in on the tab on the right side of the harness. (J14)



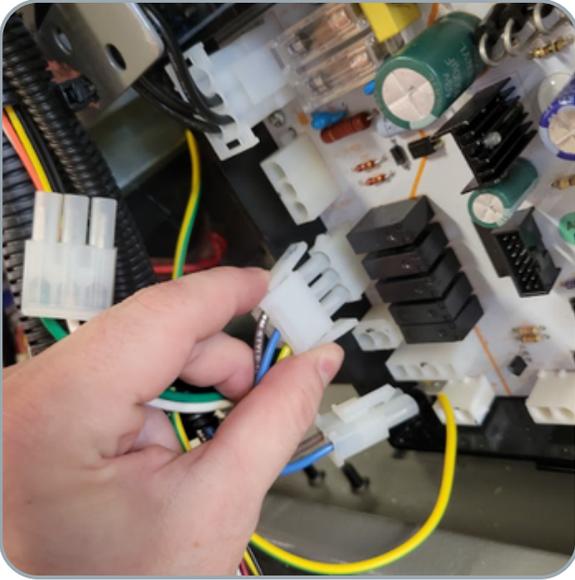
Control Board Replacement

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Steps to Remove Old Control Board

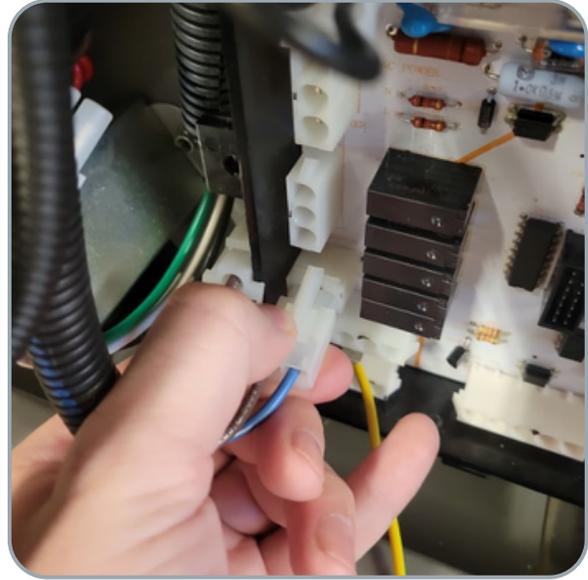
13

Unplug the 3 wire blower power harness by pressing in on the tabs on either side of the harness. (J15)



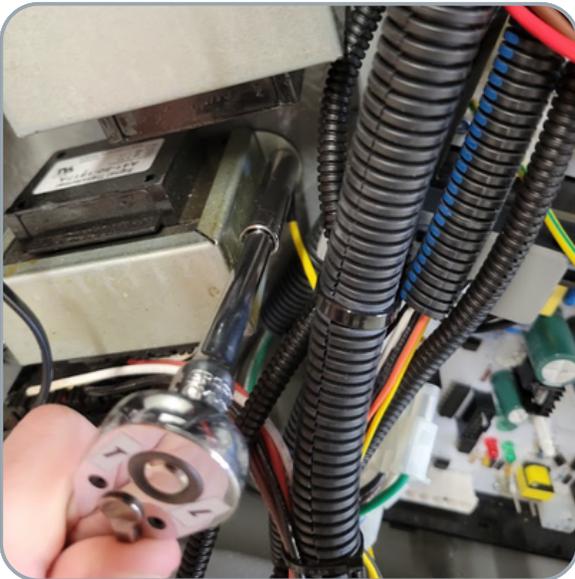
14

Unplug the 2 wire ignition control harness by pressing in on the tab on the top of the harness. (J15)



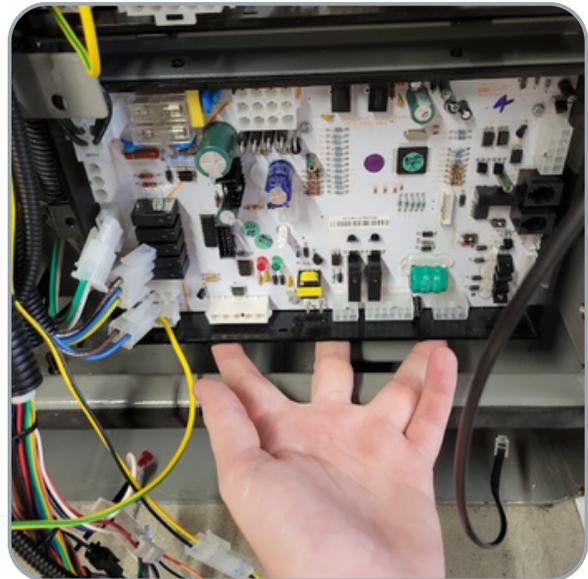
15

Using a 7 mm socket and ratchet, remove the ground wire from the transformer mounting screw.



16

Press on both tabs on the bottom of the control board and pull the bottom towards you and remove the control board.



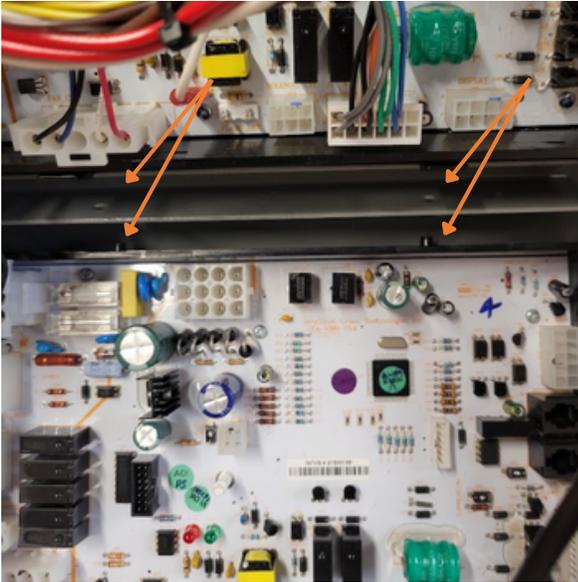
Control Board Replacement

Applicable Part Numbers: SPR0002, SPR0129

Steps to Install New Control Board

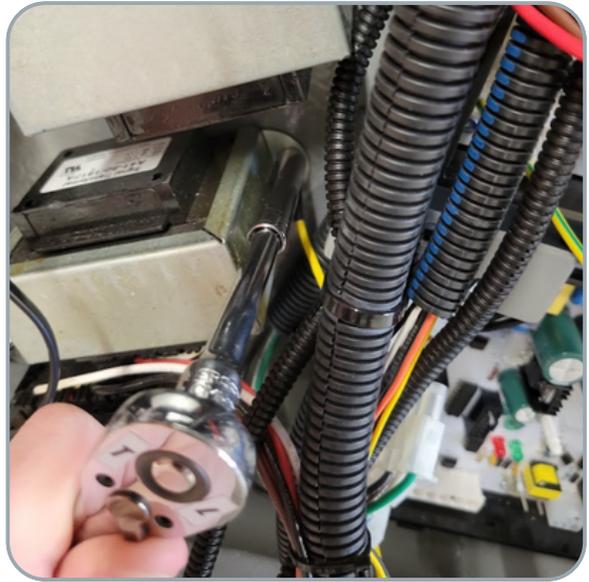
1

Insert the 2 pins on the top of the control board into the 2 holes on the top of the control board bracket and push the control board into place.



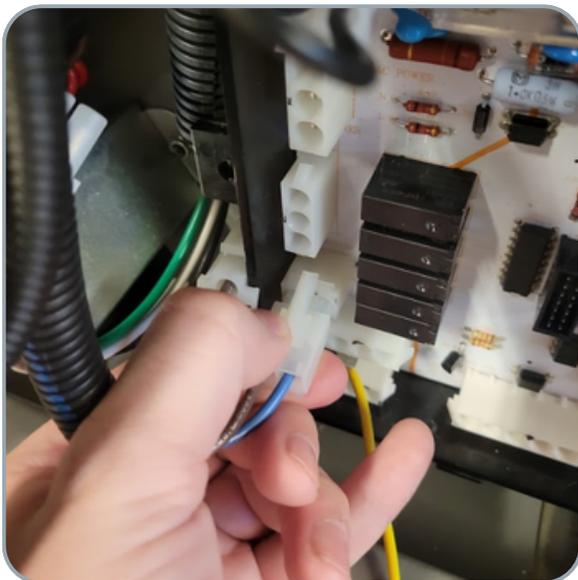
2

Using a 7 mm socket and ratchet install the ground cable to the transformer mounting screw



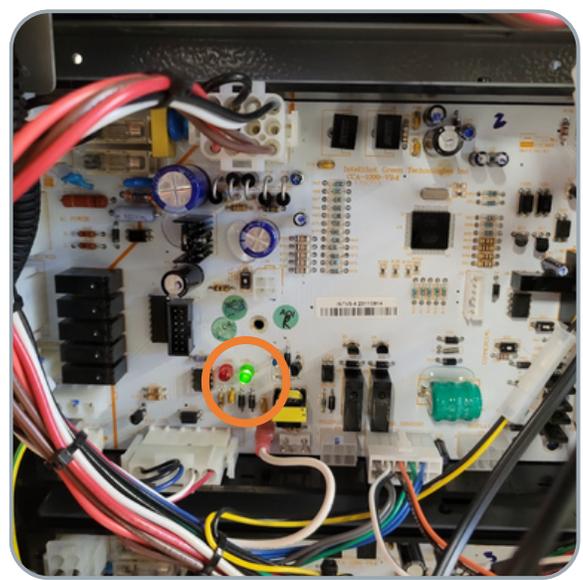
3

Install each plug in the opposite order of removal. Go from step 14 to step 2.



4

Ensure that the Green LED on the control board lights up when power is turned on.



Control Board Replacement

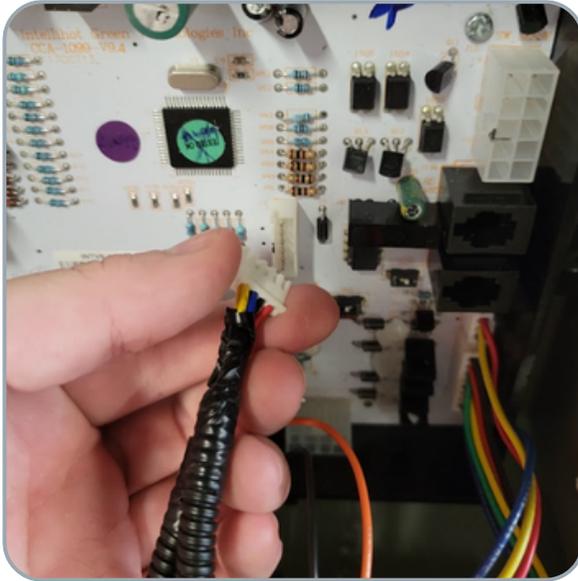
Applicable Part Numbers: SPR0002, SPR0129

Steps to Check Settings

When replacing a control board, the board will come programed based on what was specified when it was purchased.

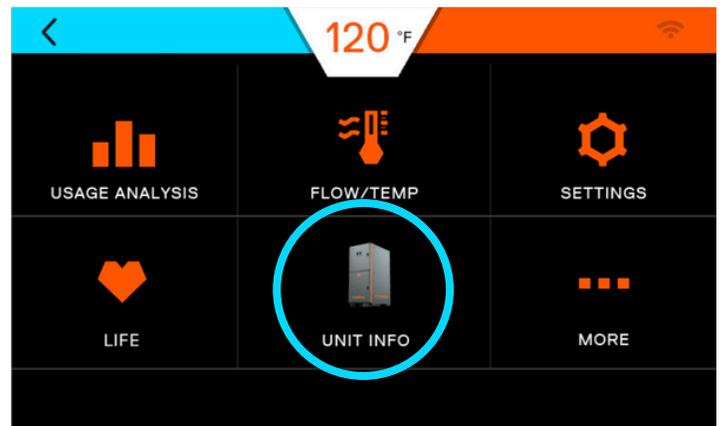
1

Plug the display cable into the control board that was just replaced, and disconnect the cascading cables from this control board.



2

Press the top 3 lines and then press "Unit Info".

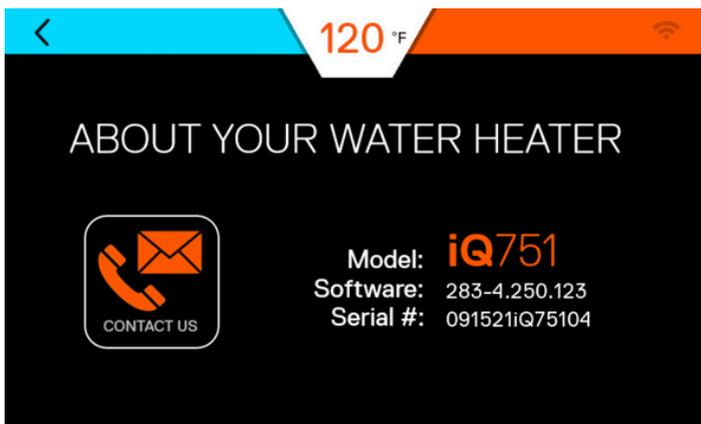


3

Ensure that the software version is consistent with the other control boards or is what was specified when purchasing the control board.

4

Ensure the serial number matches the serial number on the sticker of the unit.



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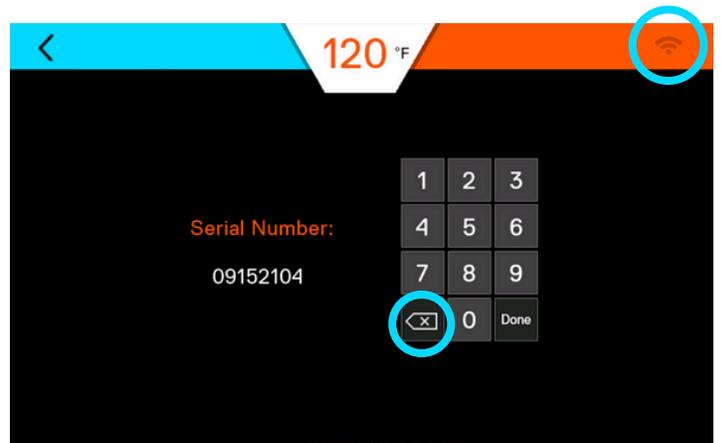
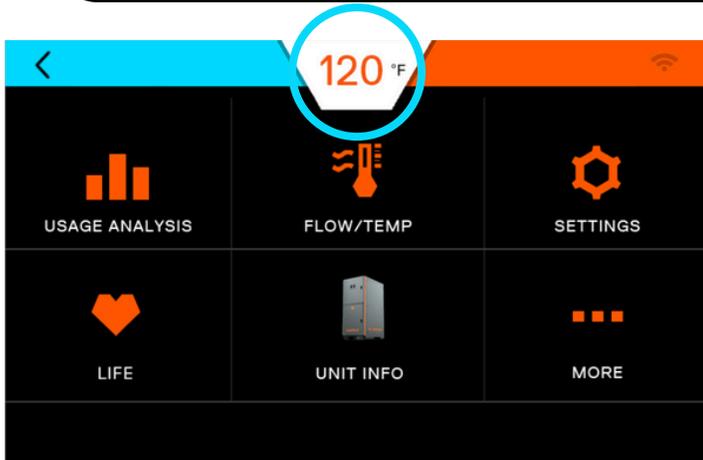
5

Press the back arrow to go to the main screen, then press and hold on the set temperature at the top of the screen for 8-10 seconds. If the serial number is correct go to step 7.

6

If the serial number is incorrect, tap the top right corner of the screen 5 times and then press the delete button until there are no numbers and then input the serial number.

The serial number will be displayed on this screen without the model number. ex. (010225iQ75199 → 01022599)

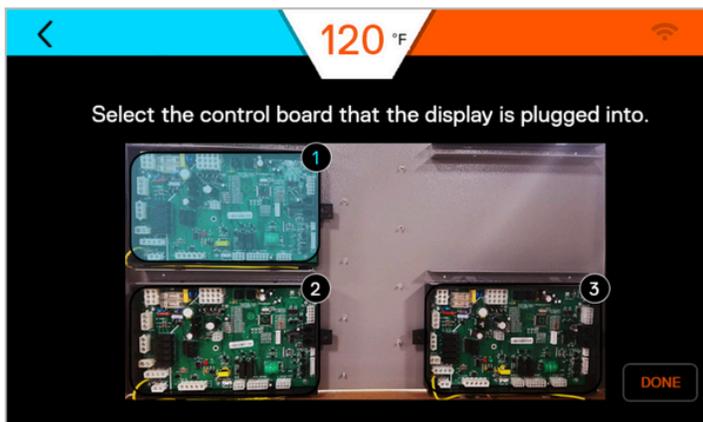


7

Press done and then confirm, and ensure that the control board that is lit up is the one the display is plugged into. If not press on the control board that the display wire is plugged into, and press done and then confirm.

8

Press the back arrow, then press on "Settings" and then press on "Cascading". Ensure that this screen is showing the same cascading ID and staging setting as the other control boards on this unit.



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Steps to Check Settings

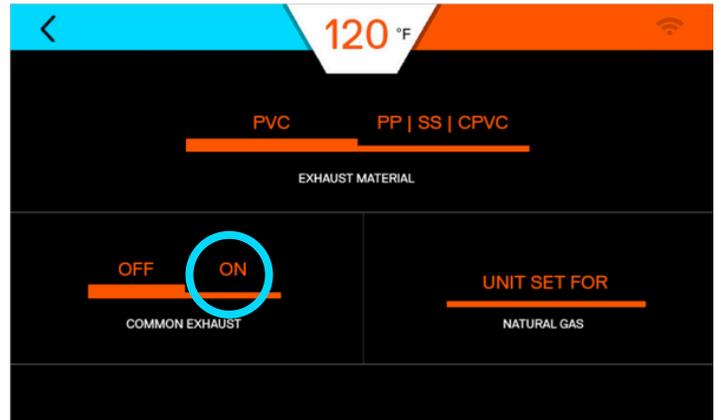
5

Press the back arrow once to get to the "Settings" screen, and then press on "Advanced Settings"



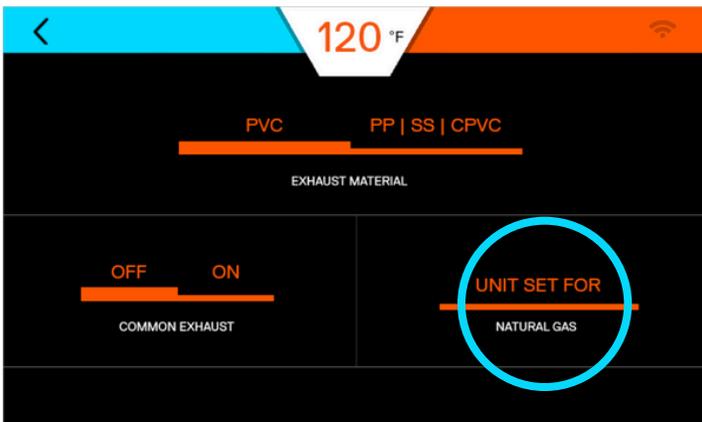
6

If multiple units share a common exhaust vent, ensure that the common exhaust setting is turned on.



7

Ensure that the gas type that is being fed to this unit is the gas type that is shown on the display.



8

Ensure that the exhaust material that is being used for the unit is the one that is selected on the display.



9

Power down the unit and reconnect the cascading cables to the replaced control board, and then power the unit back on.