

OPTIONAL FLOOR BASE KIT INSTRUCTIONS

550003450 - CHB 100/130

550003451 - CHB/CCB-150

Kit installation shall be completed by qualified agency.

⚠ WARNING

Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read these instructions and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation is verified per Installation, Operation & Maintenance Manual provided with boiler.

⚠ WARNING

Fire Hazard! Do not install on carpeting. Failure to follow these instructions could result in death or serious injury.

⚠ CAUTION

Laceration, burn hazard. Metal edges and parts may have sharp edges and/or may be hot. Use appropriate personal protection equipment to include safety glasses and gloves when installing or servicing this appliance. Failure to follow these instructions could result in minor or moderate injury.

⚠ CAUTION

Boiler weight exceeds 75 pounds (34 kg). Do not lift boiler without assistance.

Preparation for Base Install:

STOP! DO NOT ASSEMBLE BASE!

1. Follow all instructions for proper location as listed in the Installation, Operation and Maintenance Manual including but not limited to "Clearances to Combustible Materials".
2. Remove base and two (2) notched rails (left and right) from their packaging. DO NOT ASSEMBLE! See Figure 1.
3. Remove supplied screws from separate parts bag included with base.
4. Remove front and side panel screws securing panels to frame of base. Remove panels and set aside. See Figure 2.
5. Lay boiler down on its back on a location such as the floor.
6. Remove 2 screws (A) at base of boiler. Lift cover up and push towards top of boiler to remove cover. See Figure 3.

Figure 1 - Left and Right Rails of Optional Base

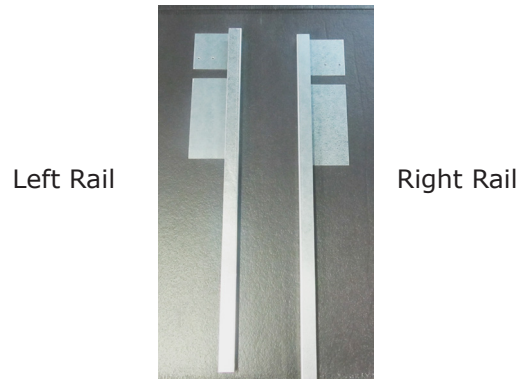
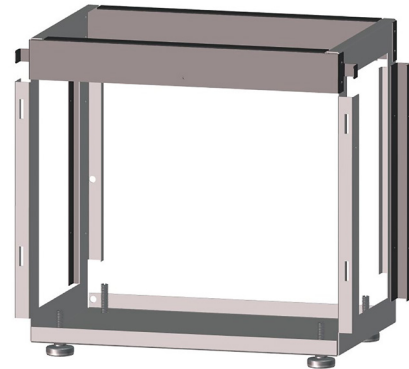
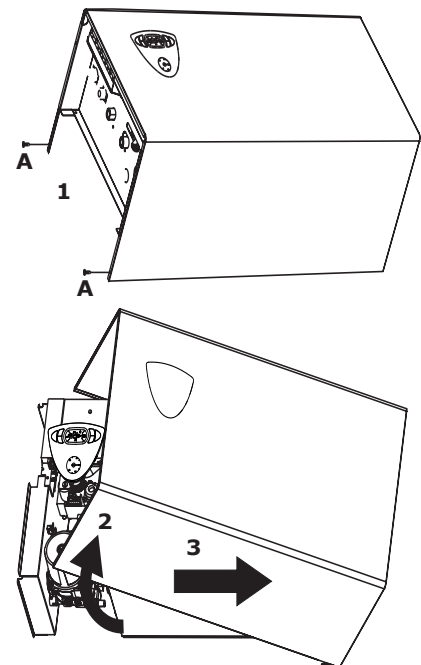


Figure 2 - Front - Optional Base with Front and Side Panels Removed



**STOP! DO NOT ASSEMBLE BASE!
Remove Front and Side Panels**

Figure 3 - Front of Boiler



Illustrations are a depiction of the boiler for general location of parts and are subject to change without notice.

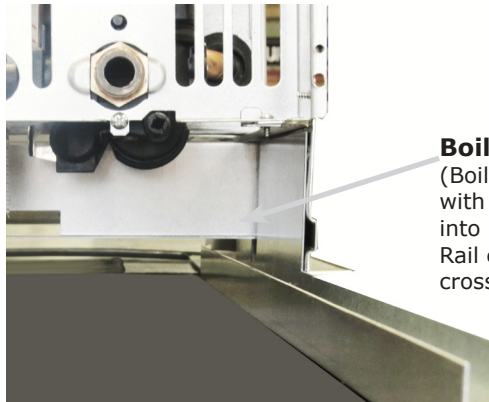
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Base Installation to Boiler:

1. With boiler on its back, slide rail into boiler, notched end facing towards the side of the boiler.
2. Looking into the boiler you will see the cross member. The notch in the rails will engage with the cross member. Rotate rail 90° away from boiler side so it is flush against the boiler side and engaged with the cross member. This is necessary for support of the boiler.

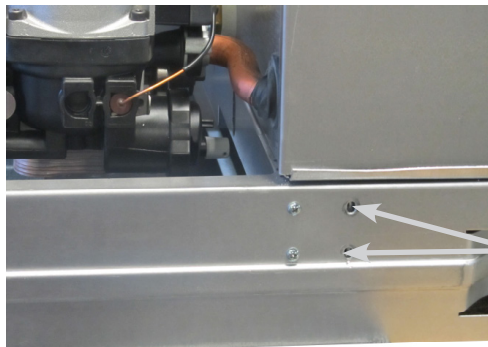


Rotate Rail engaging notch with boiler cross member.
(Verify rail is flush with boiler side after rotating.)



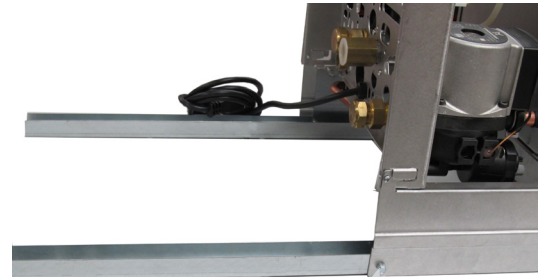
Boiler Cross Member
(Boiler laying on its back with jacket off. Looking into boiler from bottom.)
Rail engaged with boiler cross member.

3. When rail and notch are in place and engaged, secure rail with two (2) screws into predrilled holes on rail to predrilled holes on boiler.



Holes in rail will align with holes in boiler.
(Secure with 2 screws on each side.)

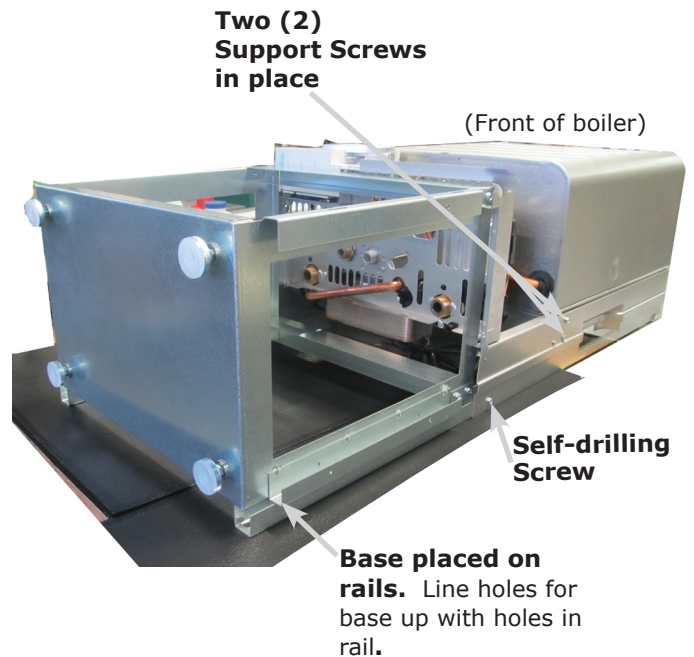
4. Install second rail in same manner on other side of boiler. Rotate 90° in the opposite direction to engage and position notched end flush with the inside of boiler side panel. Secure rail with two (2) screws into predrilled holes.
5. Install provided self-drilling screw at base of boiler to secure each rail at third point. This is necessary to support the boiler.



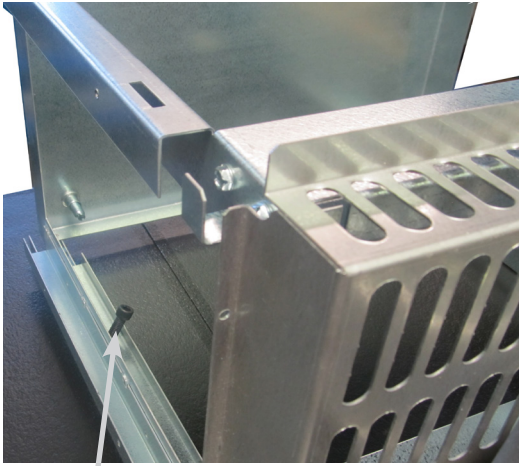
Secure rail to boiler frame with **Self-drilling Screw.**
(Both Sides)

Note Take care to not pinch power supply cord.

6. Carefully slide base onto rails. Secure with provided bolts three (3) per side. Turn boiler to each side with care when securing bolts.



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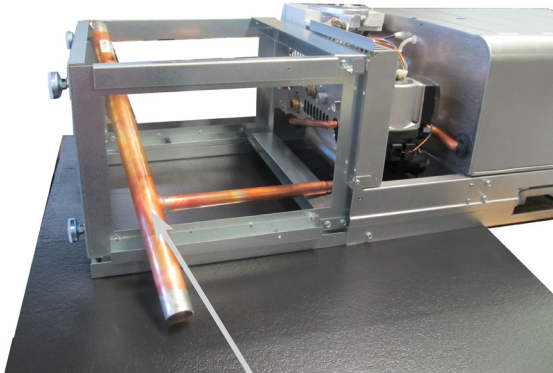


Place bolts into slot and provided hole. Secure with nut three (3) per side.

Installation of Manifold to Boiler with Base :

Note When mounting boiler on base, safety relief valve port on manifold is not used. Use plug included with this kit to seal this port. Provide connection point for safety relief valve in supply piping external to base as shown in Figure 4.

7. With boiler still on its back carefully slide manifold into boiler base with safety relief valve connection to the left.
8. Using supplied gaskets fasten manifold to boiler tapings. Tighten using two wrenches. Ensure gaskets are seated.



Manifold with safety relief valve connection to the left.

⚠ WARNING

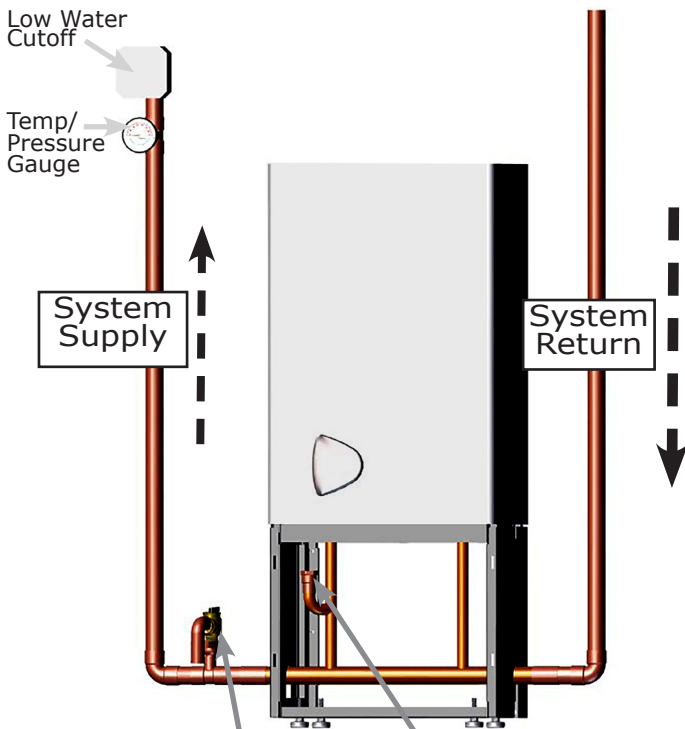
Burn and scald hazard. Safety relief valve could discharge steam or hot water during operation. Follow all requirements as listed in the Installation, Operation and Maintenance Manual, Section 5 for this boiler. Failure to follow these instructions could result in death or serious injury.

⚠ CAUTION

Boiler weight exceeds 75 pounds (34 kg). Do not lift boiler without assistance.

9. Before standing boiler up, consider preparing the gas and domestic hot water connections on bottom of boiler. Connection points below boiler will likely be more accessible while the unit is laying down. Gas and DHW pipes exit the base to the rear.
10. Stand boiler with installed base to upright position. Place boiler in final installation location.
11. Level using adjustable feet to assure boiler is level.
12. Resume boiler installation following Installation, Operation & Maintenance Manual.
13. Verify proper operation.
14. Install front and side panels to base. Install front boiler panel and secure with screws.

Figure 4 - Suggested Piping For Use of Floor Base Kit
(Front view of boiler)

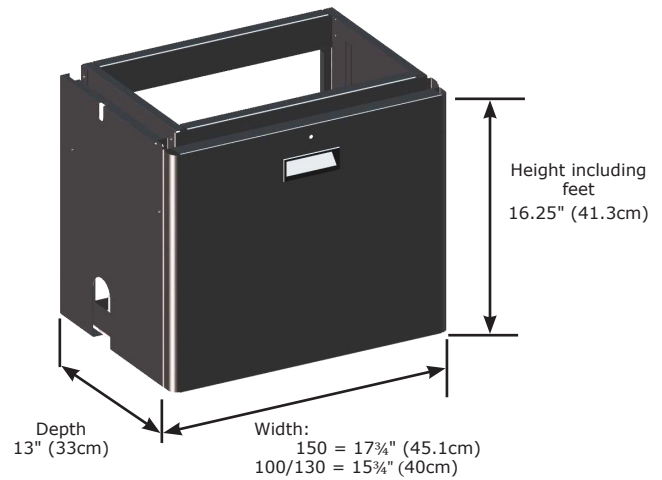


Place safety relief valve on supply side of piping as close to boiler as possible. Follow all applicable codes when locating.

Place supplied plug to seal this port

Do NOT install shutoff valve between boiler heat exchanger and safety relief valve.

Figure 5 - Floor Base Kit Dimensions



Note For alternate Piping configurations without use of the manifold contact Technical Support @ 800-253-7900.

For further information try our online video <https://vimeo.com/ecrinternational/baseassembly>