

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.

Boiler Preparation for Base Install:

1. Follow all instructions for proper installation as listed in the Installation, Operation and Maintenance Manual including but not limited to "Clearances to Combustible Materials".

⚠ WARNING

Electrical shock hazard. Turn OFF electrical power supply at service panel.

2. Verify all gas and electrical power are turned off before attempting base installation.

⚠ WARNING

Burn hazard. Verify unit has cooled before base installation. Use appropriate personal protection equipment.

3. Lay boiler down on its back on a location such as the floor.
4. Remove 2 screws (A) at base of boiler. Lift cover up and push towards top of boiler to remove cover. See Figure 1.

Base Preparation for Installation:

1. Remove base and two (2) rails from their packaging.
2. Remove supplied screws from separate parts bag included with base.
3. Remove front and side panel screws securing panels to frame of base. Remove panels and set aside.

Figure 1 - Front of Boiler

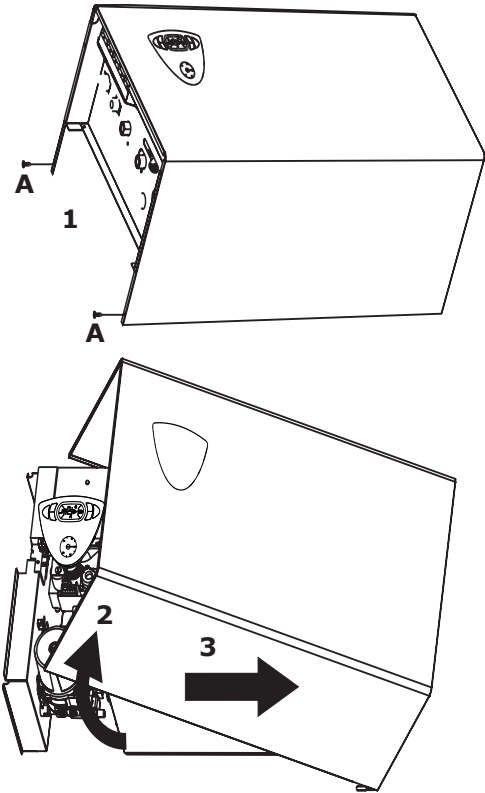
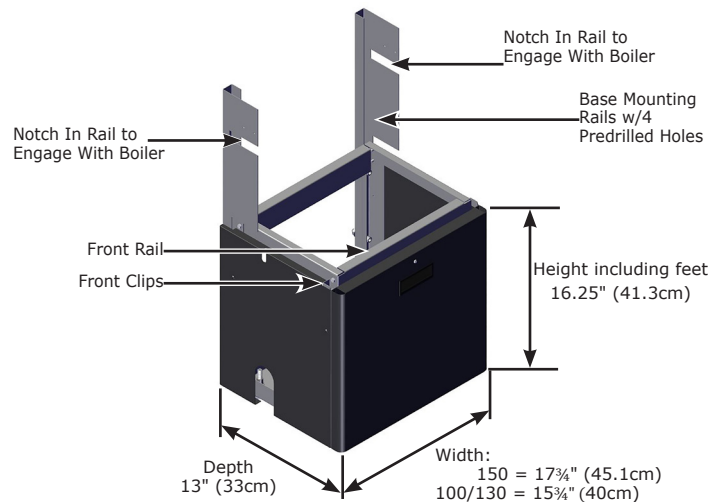


Figure 2 - Front - Optional Base



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

CCB/CHB OPTIONAL FLOOR BASE KIT INSTRUCTIONS

Base Installation to Boiler:

1. Slide one (1) of two rails to back and side of boiler. Rails have notched flat piece at top. Twist rail so notched side is towards outside of boiler. Line up notch up with bracket at base of heat exchanger. Turn rail so notch engages with bracket at base. See Figure 3
2. Secure rail with two (2) screws in predrilled holes on rail to predrilled holes on boiler.
3. Install self-tapping screw at base of boiler to secure each rail at third point. See Figure 3
4. Repeat steps 3,4,5 with other long rail to opposite side of boiler back.

Installation of Manifold to Boiler with Base :

1. Install optional manifold if using to connections on bottom of boiler at this time.
2. Remove four(4) screws securing front rail to base. Remove rail. See Figure 2.
3. Place manifold with relief valve tapping to left. See Figure 4.

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.

CAUTION

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

Base Installation to Boiler Completion :

1. Carefully slide base onto tall rails. Secure with provided bolts (3) per side. Manufacture recommends turning boiler to each side with care when securing bolts.
2. Fasten and seal manifold to boiler tappings with appropriate thread sealant. Tighten using two wrenches. See Figure 4 for suggested piping with use of floor base kit.
3. Reinstall front rail with 4 screws (2 left & 2 right) to base.
4. Check for leaks.
5. Install boiler front panel and secure with screws.
6. Stand boiler with installed base to upright position.
7. Level using adjustable feet to assure boiler is level.
8. Turn power and gas on to boiler.
9. Resume boiler installation following Installation, Operation & Maintenance Manual.
10. Install front and side panels to base.
11. Verify proper operation

Figure 3 - Rails Engaged - Self Tapping Screw Location

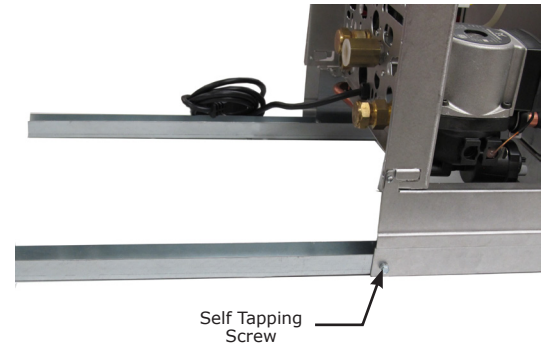
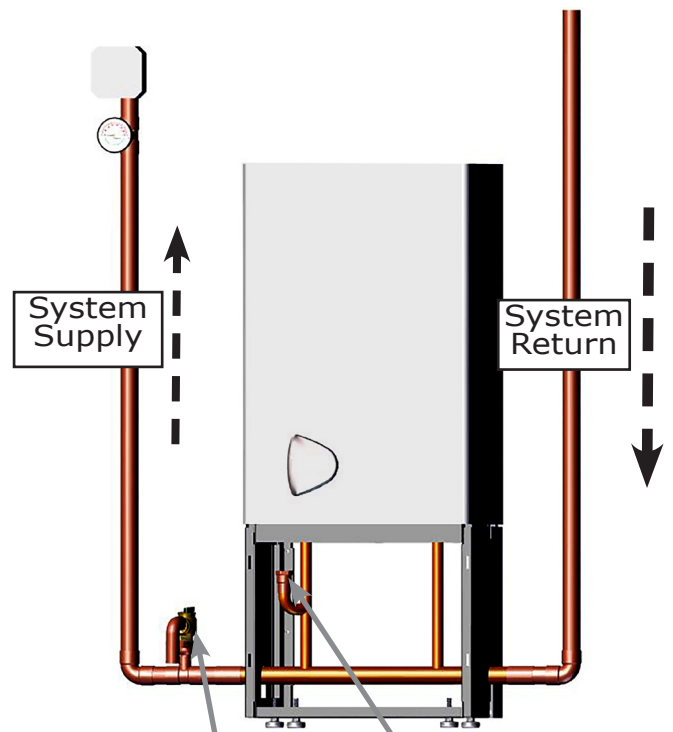


Figure 4 - Suggested Piping For Use of Floor Base Kit



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

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

Place supplied plug to seal this port

Note Take care to not pinch power supply cord.