

# RETURN INLET ASSEMBLY REPLACEMENT KIT INSTRUCTIONS

## Kit #550003287

### FOR UCS & DMG 380 BOILER

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 this instruction and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation verified per Installation, Operation & Maintenance Manual provided with boiler.

#### ⚠ 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.

1. Follow instructions TO TURN OFF GAS TO APPLIANCE found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual. Verify all electrical power to boiler is turned off.

#### ⚠ WARNING

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

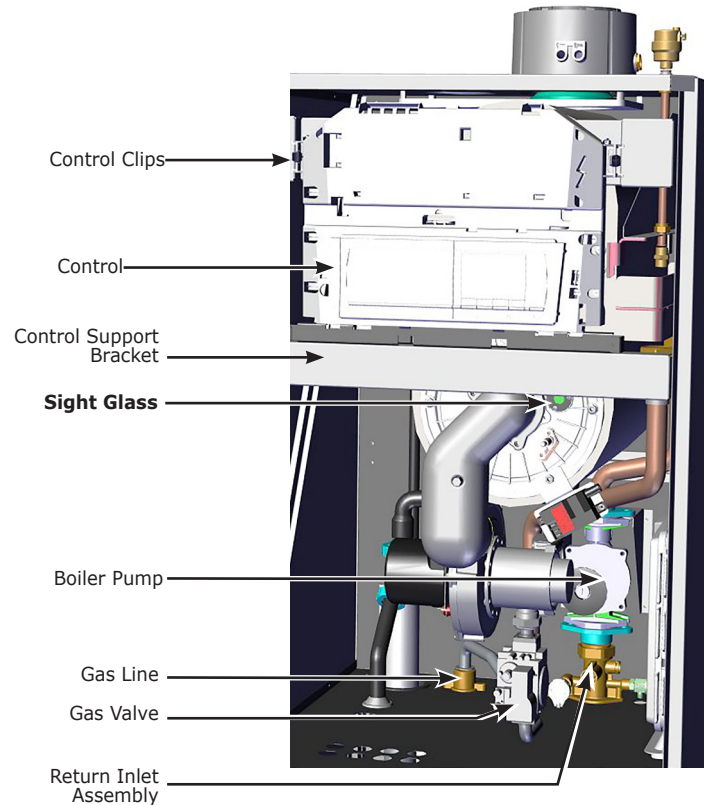
2. Turn power and gas off to appliance.
3. Remove two (2) screws from front panel. Remove panel

#### ⚠ WARNING

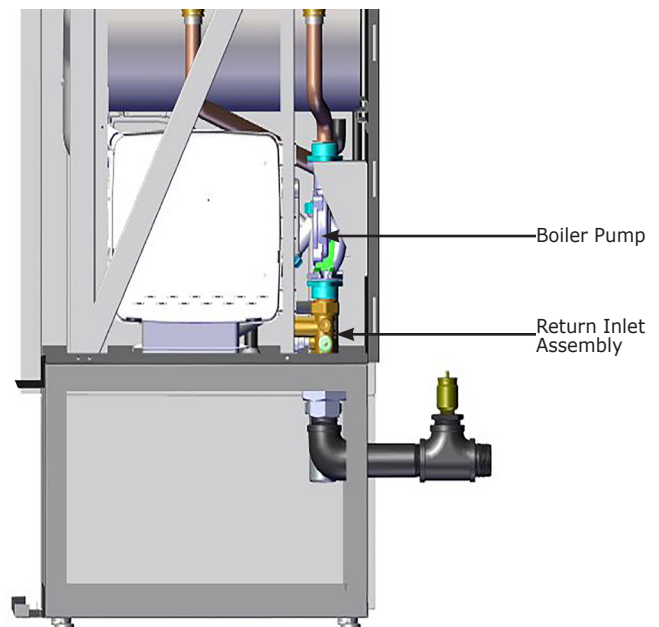
Burn hazard. Verify unit has cooled before servicing. Use appropriate personal protection equipment.

4. Inspect combustion chamber through sight glass. Verify flame is not present. See Figure 1.
5. Isolate water side of boiler from system and drain boiler.
6. Remove three (3) screws from right side panel. Remove panel. See Figure 2.

**Figure 1 - 380 - Sight Glass Location**



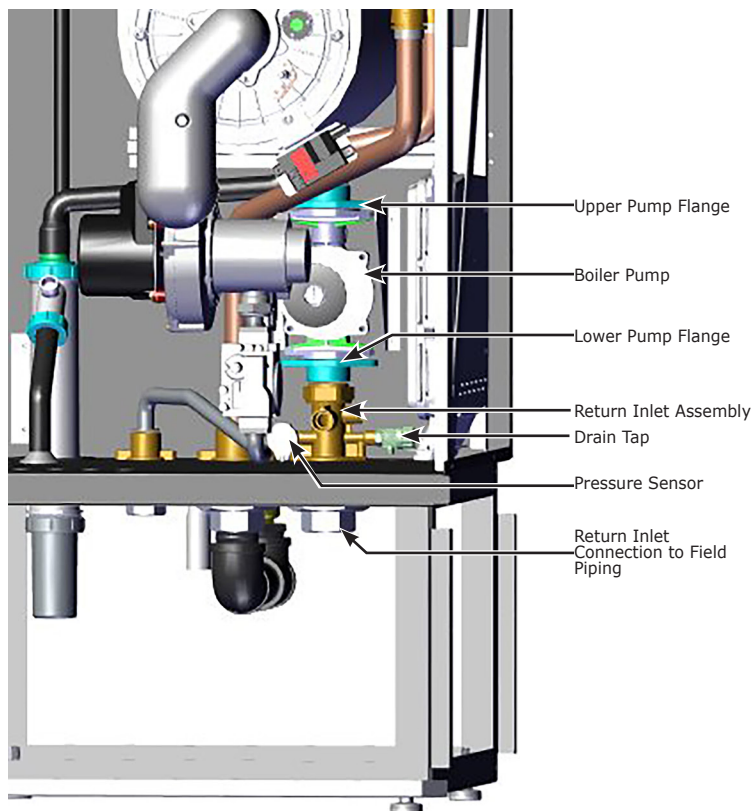
**Figure 2 - Boiler with Right Side Panel Removed**



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7. Loosen bottom nut connection between flange and return inlet assembly. Remove upper pump flange bolts (2). Remove pump and gaskets. Place pump and gaskets on boiler bottom panel. See Figure 3.
8. Unclip pressure sensor. Remove sensor from return inlet assembly.
9. Remove two (2) screws securing return inlet assembly to bottom boiler panel. Remove assembly.
10. Install new drain tap into return inlet assembly.
11. Install return inlet assembly with new gasket. Secure with two (2) screws through bottom panel.
12. Reinstall pump and gaskets. Secure with upper two (2) flange bolts and lower nut, tighten.
13. Reinstall pressure sensor. Secure with clip.
14. Reconnect field piping to return inlet assembly.
15. Fill boiler, purge for air. Check for leaks.
16. Open valves to system
17. Install right side panel secure with three (3) screws.
18. Turn power and gas on. Check for leaks.
19. Resume operation using OPERATING INSTRUCTIONS found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual.
20. Install front panel secure with screws.
21. Verify proper operation.

**Figure 3 - Return Inlet Assembly** (Boiler front shown with front, back and base panels removed for illustration)



Return Inlet Assembly Replacement Kit 550003281-Includes:		
Description	PART #	Qty
INLET ASSEMBLY	-	1
DRAIN TAP	-	1
GASKET	-	1
INSTRUCTIONS	240011718	1