

# DHW NTC SENSOR REPLACEMENT KIT INSTRUCTIONS

## COMBI MODELS DCC-150/205, MAC-150/205

### Kit 550003159

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.

Tools needed:

- 13mm wrench
- 4 Nm Torque setting

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.

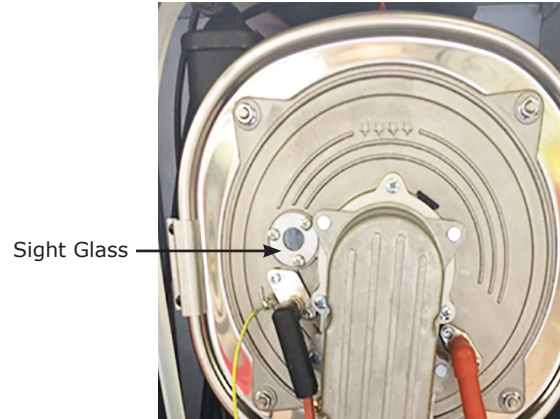
2. Turn power and gas off to appliance.
3. Remove two (2) screws at bottom of front jacket cover. Lift jacket up and off.

#### **⚠ WARNING**

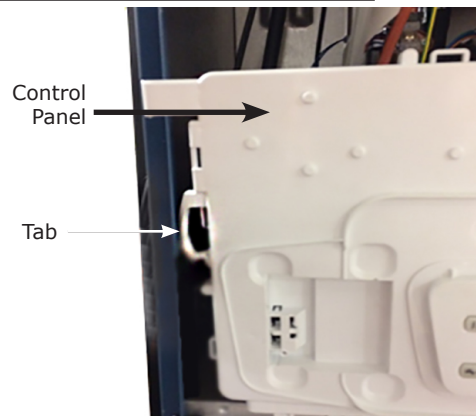
Burn hazard. Verify heat exchanger, igniter, and flame sensor have cooled or use appropriate personal protection equipment before removing.

4. Inspect combustion chamber through sight glass. Verify flame is not present. See figure 1.
5. Close field installed water spigot on DHW inlet. See Figure 3 for inlet position.
6. Press tab and place control panel in downward position. See Figure 2.

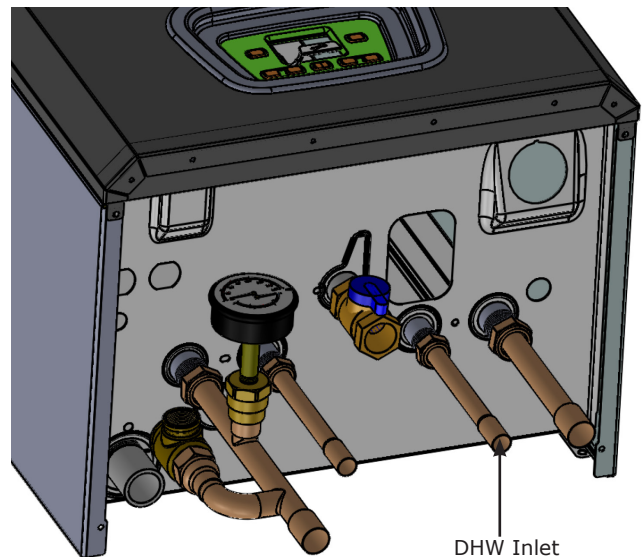
**Figure 1 - Sight Glass & Heat Exchanger Cover**  
(150 Size Shown)



**Figure 2 - Control Panel and Tab**



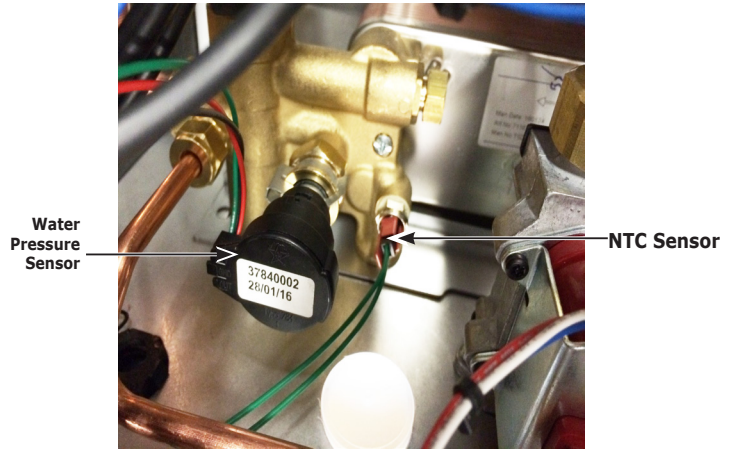
**Figure 3 - Control Panel and Tab**  
(150 size shown)



## DHW NTC SENSOR REPLACEMENT KIT INSTRUCTIONS

7. Remove NTC sensor harness. Sensor is located behind the control panel on three way valve lower left corner. Push back slightly on tabs holding sensor to remove. See Figure 4.
8. Use ½" wrench to turn sensor counter clockwise ↺ to remove valve.
9. Remove old washer. Install new washer and sensor.
10. Tighten sensor by turning wrench clockwise ↻. Connect sensor plug.
11. Open DHW inlet water spigot. Check sensor for leakage.
12. Restore control panel to upright position.
13. Restore power and gas to the appliance.
14. Resume operation using OPERATING INSTRUCTIONS found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual.
15. Install front panel. Secure with two screws at bottom of front panel.
16. Verify proper operation.

**Figure 4 - NTC Sensor**



<b>DHW NTC Sensor Replacement Kit 550003159 -Includes:</b>		
<b>Description</b>	<b>PART #</b>	<b>Qty</b>
DHW NTC SENSOR SO11026	-	1
WASHER	-	1
NTC SENSOR REPLACEMENT KIT INSTRUCTIONS	240011405	1

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