

Level Sensor Cable – Installation Instructions



Caution: Servicing

- The plumbing and electrical compartments contain high voltage components and wiring. Access should be limited to authorized personnel only.
- Components in contact with steam can become hot and burn if touched.
- Condair does not accept any liability for installations of humidity equipment installed by unqualified personnel or the use of parts/ components/ equipment that are not authorized or approved by Condair.

Preparation

1. Drain the humidifier and shut-off the supply water.
2. Power the humidifier off. Open and lockout the external disconnect.
3. Allow the humidifier to cool (approximately ½ hour).
4. Remove the electrical and plumbing covers.
5. Verify power is off and the tank is cool enough for service.

Removal

1. Disconnect the steam line and electrical connector for the tank. Undue the securing strap and remove the tank to allow access to the level sensor.
2. Unplug the level sensor connector from the level sensing board(s) Note the cable type.
3. Cut back the ties that secure this cable back to the cable gland.

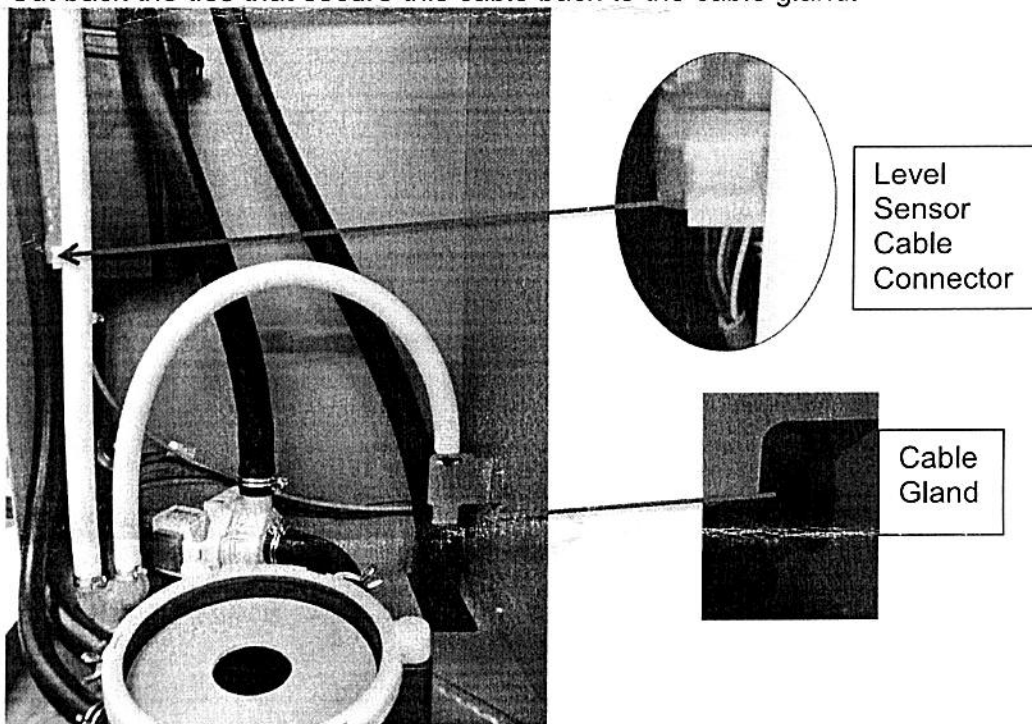


Figure 1: Plumbing cabinetry (Appearance may vary)

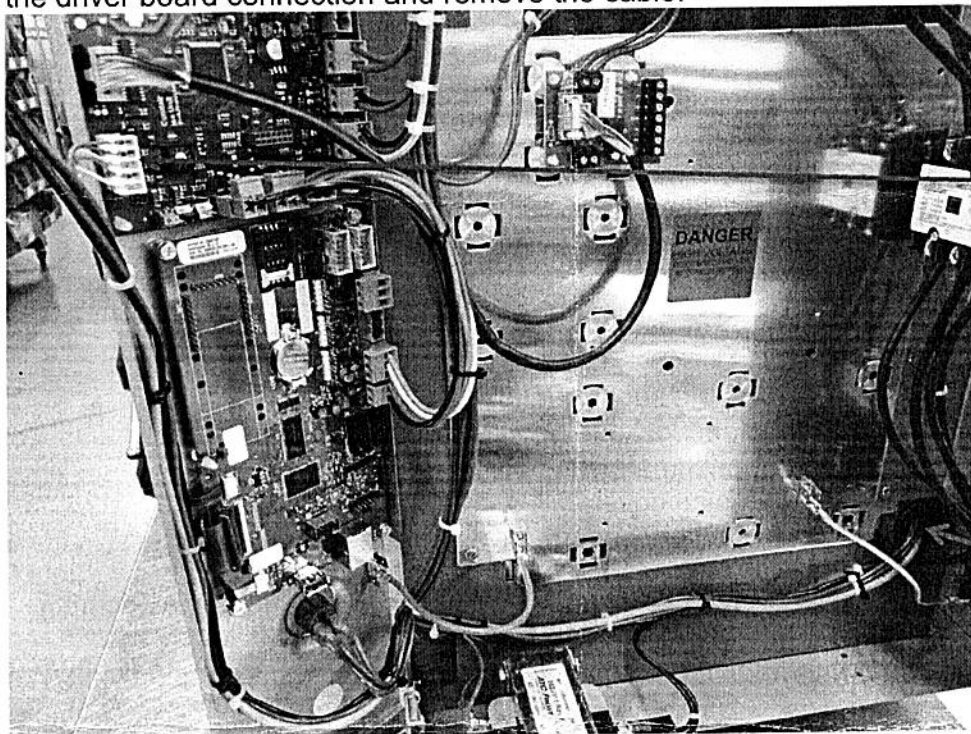


Level Sensor Cable – Installation Instructions

2590088

Revision B Date : 21/11/2018

4. Pull only this cable into the electrical cabinetry and continue to cut the cable ties up to the driver board connection and remove the cable.



Driver
Board
Connector

Cable
Gland

Installation

1. Connect the new cable to the J4 LEVEL connector.

NOTE: Use the humidifier wiring diagram on the inside of the door panel if you encounter any difficulty.

2. Trace the cable along the route of the previous cable. Secure with the other cables using the provided cable ties.
3. Pass the level sensing board connectors through the cable gland into the plumbing cabinetry and continue to secure inside the plumbing cabinetry.
4. Connect the cable end to the level sensing board(s).

Reassemble

1. Reinstall the tank assembly, secure with strap, reconnect the electrical plug and secure with mounting screws, and connect the steam outlet.
2. Enable the water supply.
3. Unlock and Close the external disconnect.
4. Power the humidifier on.
5. Observe for correct operation.



Level Sensor Cable – Installation Instructions

2590088

Revision B Date : 21/11/2018