

GS 120/240V Ignition Module - Installation Instructions



CAUTION: SERVICING

- DISCONNECT MAIN POWER SOURCE BEFORE ACCESSING INTERNAL COMPARTMENTS.
- THE PLUMBING AND ELECTRICAL COMPARTMENTS MAY CONTAIN HIGH VOLTAGE COMPONENTS AND WIRING. ACCESS SHOULD BE LIMITED TO AUTHORIZED PERSONNEL ONLY.
- DURING AND FOLLOWING OPERATION OF THE HUMIDIFIER, THE STEAM COMPONENTS IN CONTACT WITH THE 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.

Step 1: Make Safe

- Open or remove the plumbing and front access doors.
- Drain the humidifier using the drain functions in the service menu.
- Turn the humidifier to the 'Off' position.
- Open and lockout the electrical disconnect.

Step 2: Replacing the Ignition Module

- Remove the two screws securing the ignition module.
- Remove electrical connectors on the bottom of the old ignition module one at a time, connect them to the new ignition module.
- Use the humidifier wiring diagram for reference as required.

Note: Only 120V GS units will have a grounding wire that connects to the securing screw.

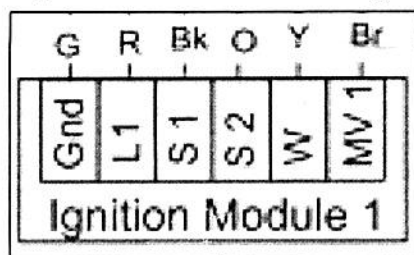


Figure 2: 220-240V Nortec GSTC

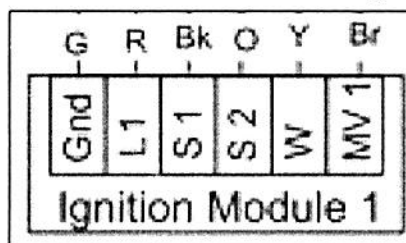


Figure 2: 120V Nortec GSTC Wiring

- If the unit is a multi-burner unit then add the provided jumper to the L2 terminal on each ignition module but the last, this will allow for all the required wire connections.

Step 3: Testing

- Secure any loose connectors or cables.
- Close the electrical disconnect.
- Turn the humidifier to the 'On' position and allow the reservoir to fill.
- Simulate demand and observe that the burner correctly fires. An alternative to simulating demand would be to temporarily enable the "keep warm" feature (if not already active).



GSTC

120V/220-240V

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Revision B

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