

HTG 320 Heater Installation

The heater strip is mounted behind the cylinder to the back wall of the chassis, there are two ¼” set screws installed for the heater and its enclosure.

Steps:

1. First take the heater cord (16/2 cord with terminal rings) and attach it to the heater strip, bend up the terminal rings so that they do not contact with anything that may short them out.
2. Attach the romex connector the heater enclosure, then slide the heater strip into the enclosure with the cord exiting through the romex connector, attach it with the two ¼-20 X ¾” bolts through the backside of the enclosure, use two of the keeps nuts to secure the strip and enclosure.
3. Tighten the romex connector, be sure to check terminals for shorts.
4. Take the assembled enclosure mount it to the back wall of the chassis behind the cylinder onto the ¼” studs, attach with the heater cord at the bottom secure with the washers and remaining two keeps nuts.
5. Next run the heater cord into the control panel enclosure through a side knockout and another romex connector.
6. Once inside the panel box, mount the thermostat and bracket to the wall of the panel box, use the 8-32 screws.
7. Wire the heater strip in series with the thermostat, Use the butt connector to connect the heater cord and one side of the thermostat.
8. Pick up power for the heater on top of the motor contactor the motor close side. For 120v use L1 and L3 terminals, for any other voltage use L1 and L2 terminals.
9. The installation is complete.