



AUTOMATED MERCHANDISING SYSTEMS
255 WEST BURR BLVD.
KEARNEYSVILLE, WV 25430
304-725-6921
info@amsvendors.com

INSTALLATION OF THE HEATER FOR LOW AMBIENT TEMPERATURES

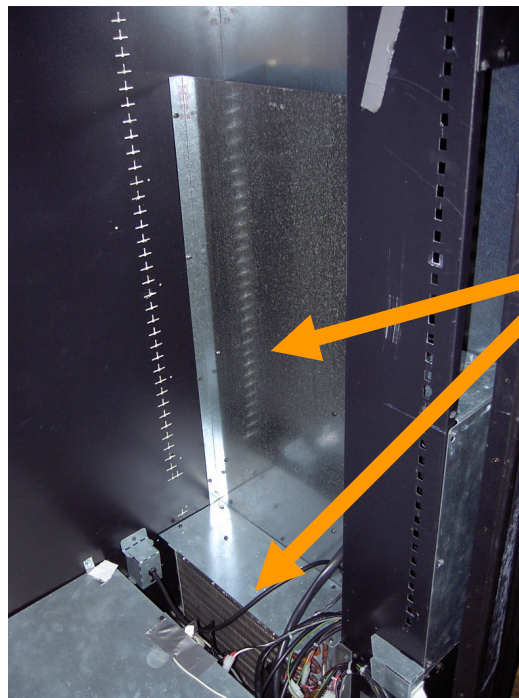
The following are step by step instructions for installing the heater for low ambient conditions.

INSTALLATION INSTRUCTIONS

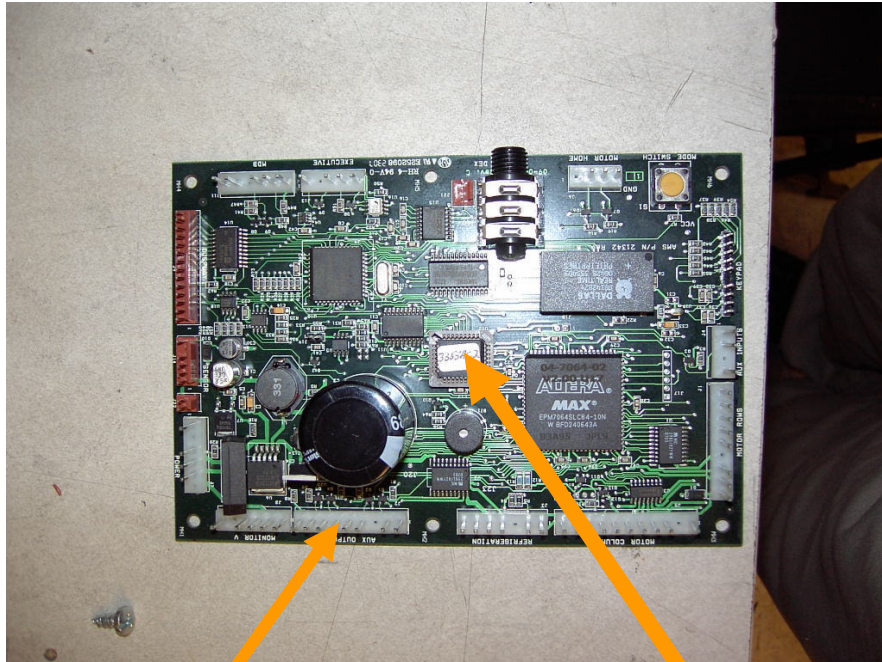
Caution: Always wear eye protection when servicing vendor. Consult service manual for safety precautions regarding this machine.

TOOLS NEEDED	PARTS NEEDED
Safety goggles and gloves	Heater Plenum Assembly
Cordless Drill	23910 harness
8" Extension with 1/4" Socket	23914 harness
1/4" Nut Driver	23915 harness
Wire cutters	24024 wiring diagram decal
Phillips screwdriver	10 Wire ties
	Program chip
	Relay

1. Unplug the vendor from the wall outlet.
2. Open the vendor door.
3. Remove all the trays.
4. Remove the cover plate of the evaporator.
5. Remove the plenum.



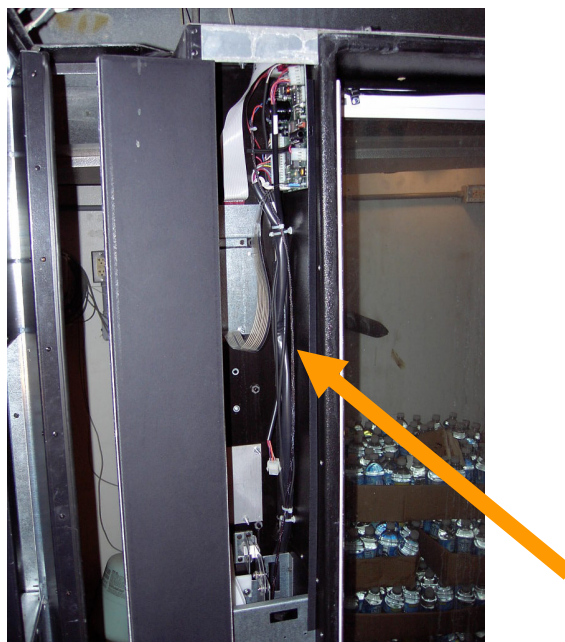
6. Place the new heater plenum in the old plenum's place.
7. Place the old evaporator cover back in its original spot.
8. Open the coin door on the main door.
9. Hook up 23914 to the auxiliary outputs on the main control board.

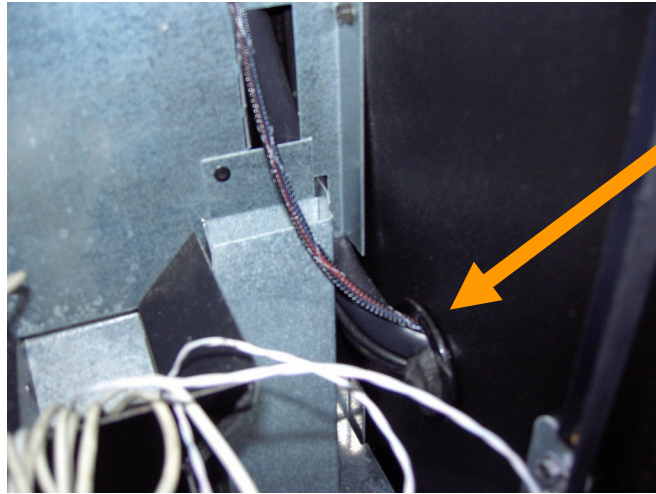


Aux. Outputs

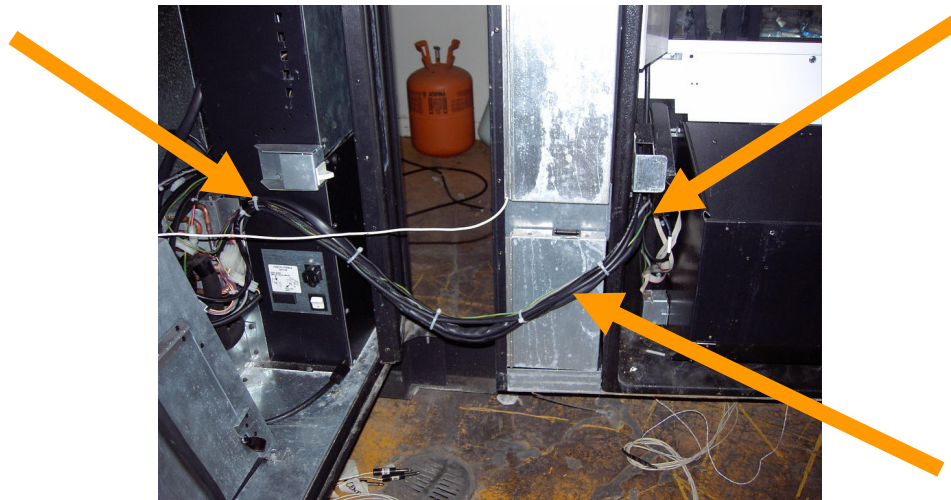
Program Chip

10. Run the wire down next to the existing wires and through the grommet hole. Placing the harness with wire ties to the existing wires. Also reseal the hole with existing permagum.





11. Run the wire through the sensor bracket and along the wire drape with the existing wires. Placing wire ties along the way.



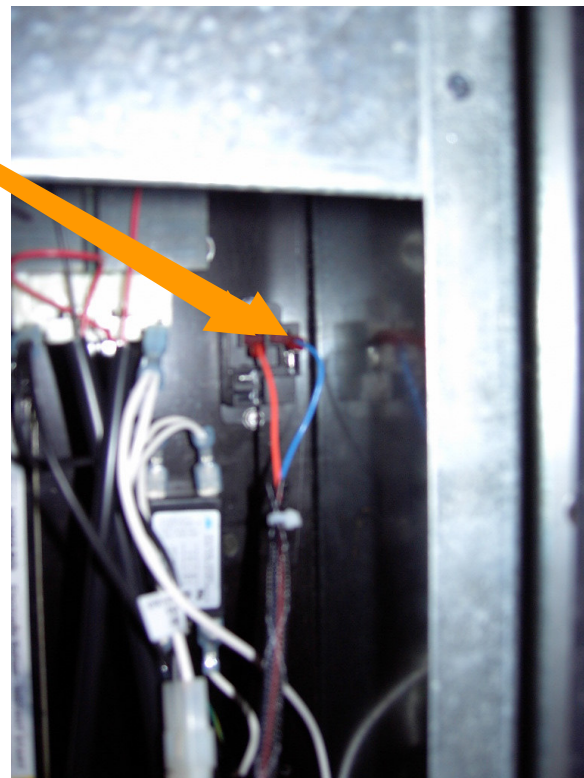
12. Remove the screw for the p-clip inside the cabinet that holds all the wires. Place 23914 through the p-clip and reattach the p-clip.

13. Remove the electrical cover and bottom racking plate from the right rail mount.

14. Place the relay beside the upper transformer.



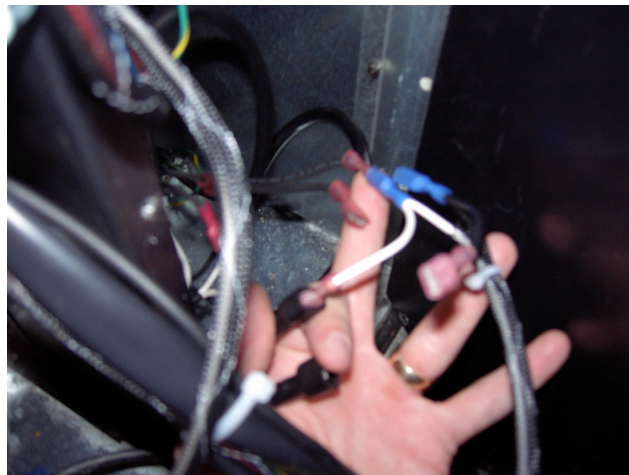
15. Connect 23915 to 23914 and run the wire through the grommet hole through the right rail mount and connect the other end to the smaller spades on the relay.



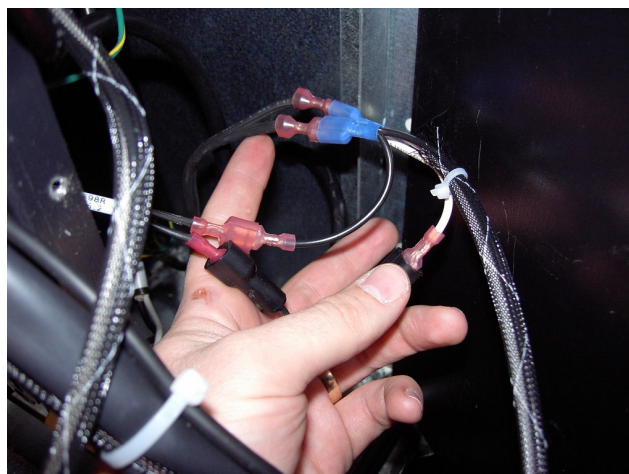
16. Detach the fan harness from the switch harness and the power distribution block.



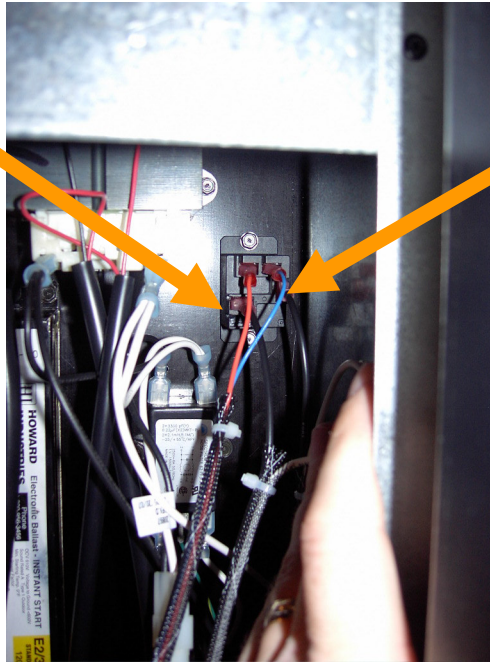
17. Attach one of 23910's white wire to the power distribution and the other white wire to one of the lines to the fan.



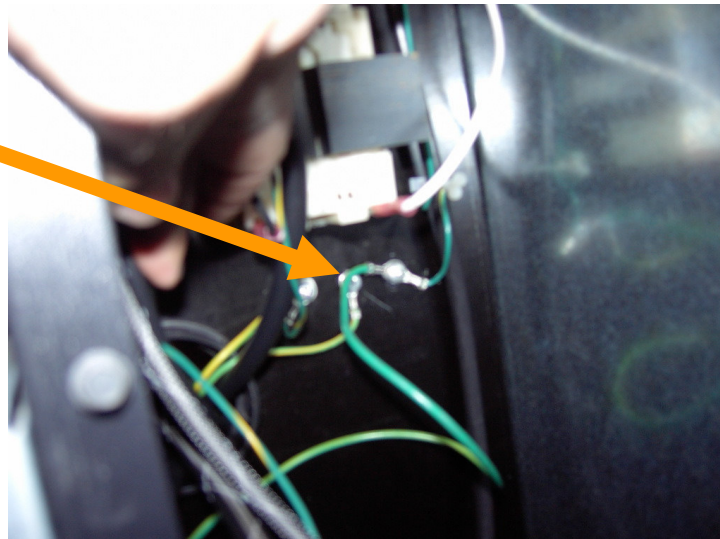
18. Attach one of 23910's black wires to the switch and the other black wire to the fan.



19. Attach the black wires to the larger spades of the relay.



20. Run the connector through the grommet holes with the other wires.
21. Connect the connector to the wire coming out of the heater plenum.
22. Take the ground wire from the heater plenum and run it through the grommet hole in the right rail mount with the other wires.
23. Unscrew one of the ground screws and place the ground terminal with the other terminals. Place the ground screw back.



24. Place the electrical cover and racking plate back.
25. Place the trays back in the vendor.
26. Remove old program chip and place new program chip in.
27. Place the new wiring diagram decal below the current wiring diagram decal in the vendor.
28. Close vendor door.
29. Plug vendor back into wall.
30. Test vendor for proper operation.

Wiring Diagram

