

Step by step guide: Condensate Heater Replacement For Universal Units

Tools needed:



Cutting Pliers



T20 Security Torx Shank Screwdriver



5/32" Drill Bit



Phillips Screwdriver



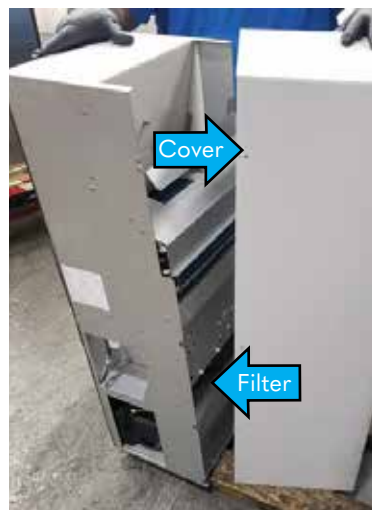
Drill

Material included in kit: Ten 32"x 1/8" dome head blind rivets and six cable ties



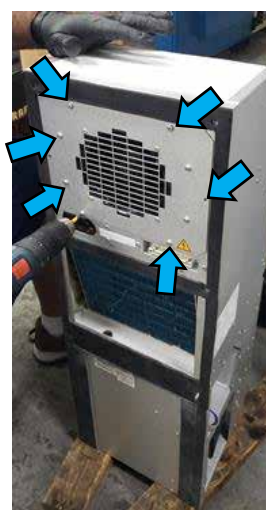
Step 1:

With a T20 Torx Shank screwdriver remove the three screws on each side of the cover.



Step 2:

Remove cover and filter. Disconnect ground wire when removing cover.



Step 3:

Remove internal fan assembly by removing six Phillips screws.

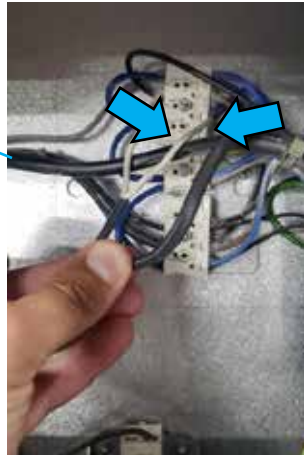


Step 3:

Disconnect power connector to internal fan assembly.



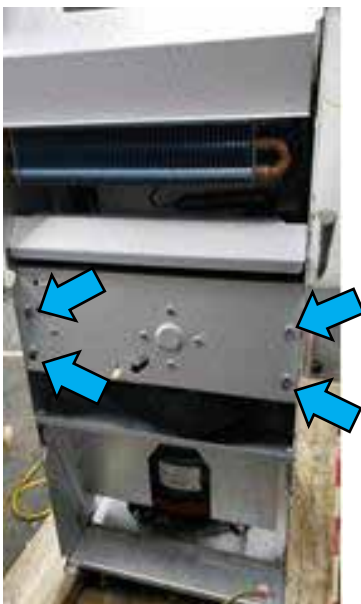
Step 5:
Locate power connector
for the heater.



Step 6:
The wires to the heater
are the two white wires
shown



Step 7:
Cut the old wire and use
to assist in pulling new
wire into place



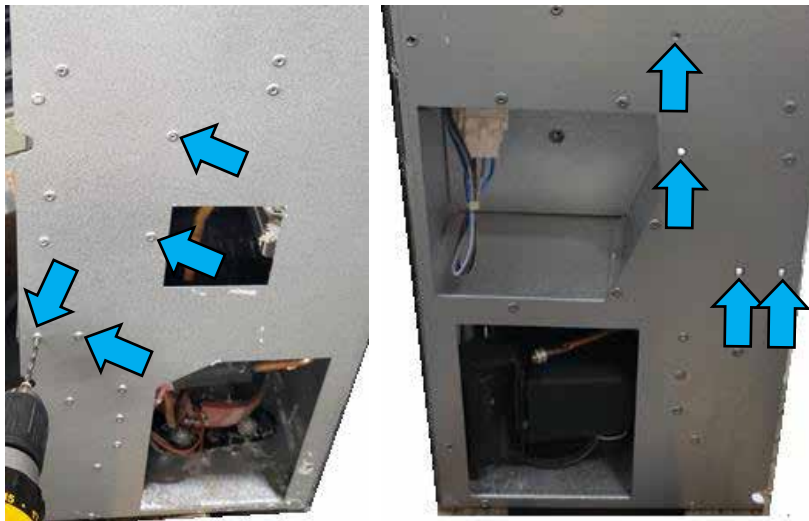
Step 8:
Remove ambient fan
assembly by loosening the
four mounting screws.



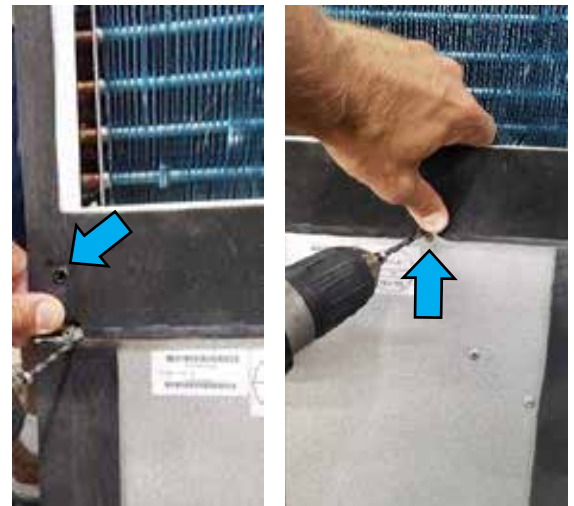
Step 9:
Slide assembly up and
remove assembly.



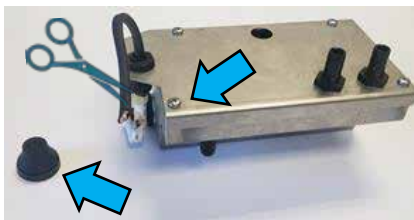
Step 10:
When removing ambient
fan assembly disconnect
power connector.



Step 11:
Drill out the eight rivets (four on each side) securing the ambient fan inlet ring assembly using the drill and 5/32 bit.



Step 12:
Remove the two rivets securing the heater on the back of the unit



Step 13:
Remove the old condensate evaporator assembly and save grommet to be used with new assembly.



Step 14:
After removing the old condensate evaporator assembly slide new unit in place as shown.



Step 15:
Once new assembly is in place install eight rivets.



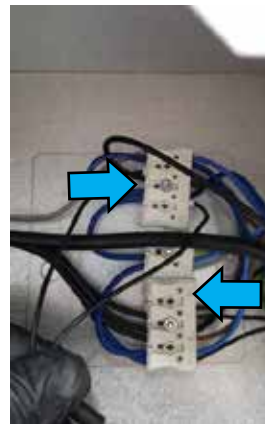
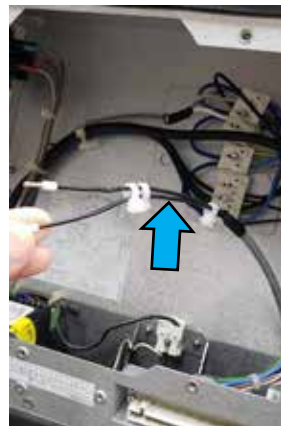
Step 16:
Connect condensate hoses, the hose coming from the evaporator slides in the hole on top of the condensate evaporator assembly. Connect the hose leading to the bottom of the unit to the nipple on the unit and use a cable tie to fix the hose in place as shown



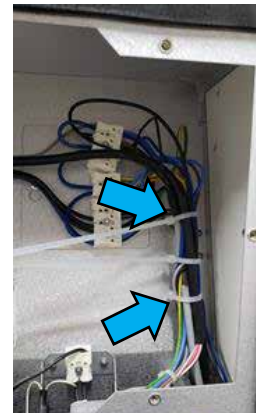
Step 17:
Slide cable through the grommet as shown



Step 18:
Tie wire left from old condensate evaporator to pull the cable of the new condensate evaporator.



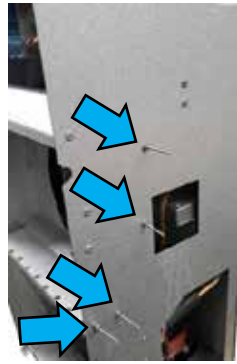
Step 19:
Once new wiring is in place discard old wire and connect the two new wires per pictures.



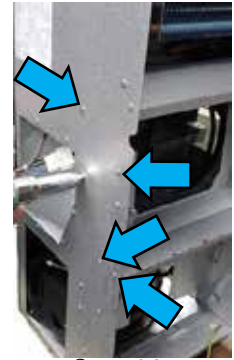
Step 20:
Use cable ties to group and secure wire bundle per picture.



Step 21:
Reassemble the ambient fan bracket, position the bracket



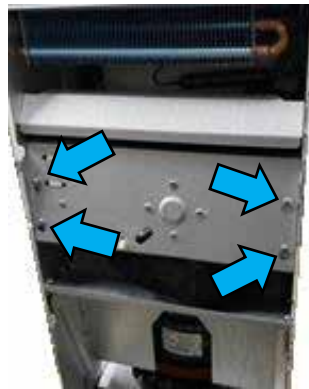
Step 22:
Rivet the bracket in place.



Step 23:
Rivet the bracket in place.



Step 24:
Reconnect the ambient fan assembly to connector.



Step 25:
Mount the ambient fan assembly and tighten the mounting screws until the assembly is secured.



Step 26:
Connect internal fan assembly power connector.



Step 27:
Mount the internal fan assembly as shown



Step 28:
Mount the filter.



Step 29:
Install cover back into place, connect ground wire before positioning cover.



Step 30:
Screw cover in place on both sides.