

COIL SECTION INSTALLATION & REMOVAL PROCEDURE

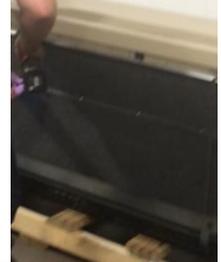
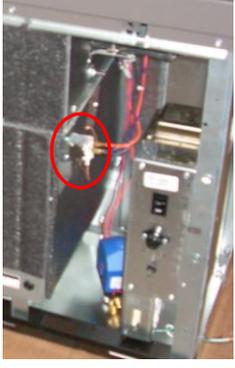
WARNING! **Lockout and Tag-out all power and cooling/heating supplies to equipment and controls prior to servicing unit. Follow all safety codes.**

TOOLS REQUIRED:

5/32" hex (Allen) tool, long handle
 1/4" nut driver
 3/8" nut driver

1/2" socket
 safety glasses
 work gloves

COIL SECTION REMOVAL PROCEDURE:

STEP NO.	TOOLS REQUIRED	INSTRUCTIONS	REFERENCE DRAWING
1	5/32" hex (Allen) tool	Remove all front UVF panels. Remove end panels	
2	1/4" nut driver	Remove 1/4" head screws along length of unit that secure coil baffle to blower section. Remove (4) 1/4" head screws that connect the blower section sides to the coil section sides.	
4	1/4" nut driver	Remove 1/4" head screws attaching OA actuator to damper shaft. Remove OA actuator.	
5	-	Disconnect low limit thermostat wiring (right end compartment).	

6	-	Drain water and/or reclaim refrigerant in accordance with all applicable codes. Disconnect piping from coil connections.	-
6A	-	Tag optional electric heat element wire terminations for later reconnection. Disconnect element wires from electric heat control box (remove coil baffle for access).	-
8	1/2" socket	Remove the (4) 1/2" nuts (#75) retaining the coil section to the frame.	-
9	-	Remove coil section from frame.	

COIL SECTION INSTALLATION PROCEDURE (cont.):

STEP NO.	TOOLS REQUIRED	INSTRUCTIONS	REFERENCE DRAWING
1		Replace coil section into frame assembly. Note: We suggest using the flat edge of a paint scraper on either end of the coil section to create a smooth edge to slide the coil section back into the unit	
2	1/2" socket	Tighten the (4) 1/2" nuts retaining coil section to frame.	-
3	-	Reconnect electric heat wiring in electric heat control box.	-
4	-	Reconnect wiring to low limit thermostat.	-
5	1/4" nut driver	Replace the (4) 1/4" head screws holding the blower deck to coil section (2 per side).	
6	1/4" nut driver	Replace coil baffle using 1/4" head screws	
7	1/4" nut driver	Reinstall outside air actuator or locking quadrant handle using 1/4" head screws.	-
8	-	Reconnect piping to coils. If water coil, purge air from coils and perform hydrostatic test to check for leaks. If DX coil perform leak test using nitrogen, evacuate and charge per recommended HVAC procedures and all applicable codes.	-
9	-	Replace coil section side insulation.	-
10	5/32" hex (Allen) tool 3/8" nut driver	Replace front panels. Replace end panels.	-

