

## 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 | ½" socket      |
| ¼" nut driver                       | safety glasses |
| 3/8" nut driver                     | work gloves    |

**COIL SECTION REMOVAL PROCEDURE:**

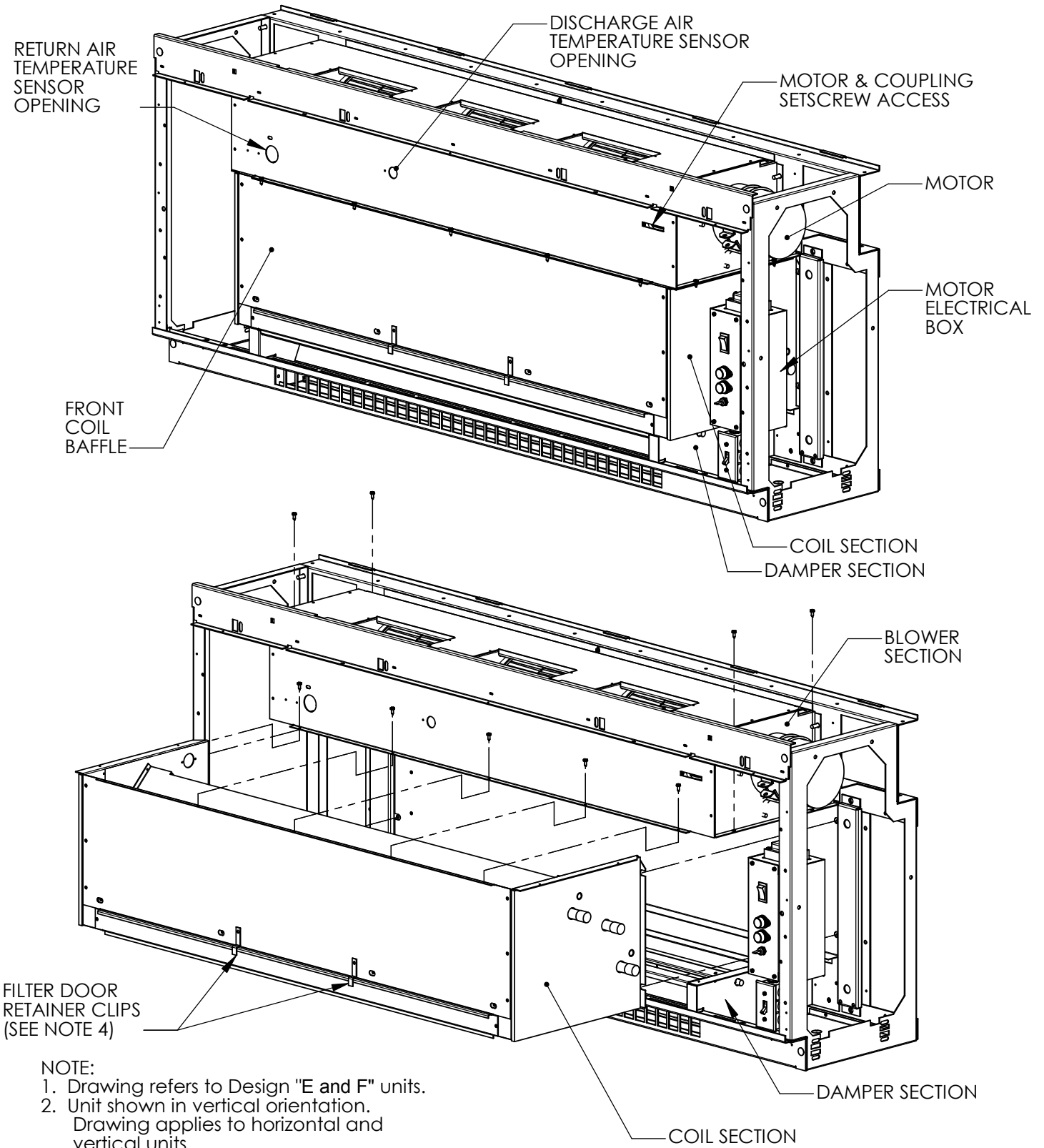
| STEP NO. | TOOLS REQUIRED                            | INSTRUCTIONS  | REFERENCE DRAWING |
|----------|---|---|-------------------|
| 1        | 5/32" hex (Allen) tool<br>3/8" nut driver | Remove all front UVF panels. Remove end panels  | -                 |
| 2        | ¼" nut driver                             | Remove ¼" head screws (#72) along length of unit that secure coil baffle to blower section.   | IOM FIGURE 7      |
| 3        | ¼" nut driver                             | Remove (4) ¼" head screws (#70) that connect the blower section sides to the coil section sides.  | IOM FIGURE 7      |
| 4        | ¼" nut driver                             | Remove ¼" head screws (#76) attaching OA actuator to damper shaft OR locking quadrant assembly to damper shaft. Remove OA actuator or locking quadrant assembly.      | IOM FIGURE 7      |
| 5        | -   | Tag low limit thermostat wiring and terminals. 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.  | -                 |
| 7        | -   | Tag optional electric heat element wire terminations for later reconnection. Disconnect element wires from electric heat control box (remove coil baffle for access). | -                 |
| 8        | ½" socket                                 | Remove the (4) 5/16" nuts (#75) retaining the coil section to the frame.  | -                 |
| 9        | -   | Remove coil section from frame.   | IOM FIGURE 7      |

**COIL SECTION INSTALLATION PROCEDURE:**

| <b>STEP NO.</b> | <b>TOOLS REQUIRED</b>                     | <b>INSTRUCTIONS</b>  | <b>REFERENCE DRAWING</b> |
|-----------------|---|--|--------------------------|
| 1               |   | Replace coil section into frame assembly.  | MAUVE -400-2             |
| 2               | ½" socket                                 | Tighten the (4) 5/16" nuts (#75) retaining coil section to frame.  | -                        |
| 3               | -   | Reconnect electric heat wiring in electric heat control box.   | -                        |
| 4               | -   | Reconnect wiring to low limit thermostat.  | -                        |
| 5               | ¼" nut driver                             | Replace the (4) ¼" head screws holding the blower deck to coil section (2 per side).   | IOM FIGURE 7             |
| 6               | ¼" nut driver                             | Replace coil baffle using ¼" head screws (#72)   | IOM FIGURE 7             |
| 7               | ¼" nut driver                             | Reinstall outside air actuator or locking quadrant handle using ¼" head screws (#76)   | -                        |
| 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<br>3/8" nut driver | Replace front panels. Replace end panels.  | -                        |

**Be careful with all components during removal and installation. Any excessive force applied to these components can cause unintended damage and void your warranty.**

# UNIT VENTILATOR COIL SECTION REMOVAL/INSTALLATION



- NOTE:
1. Drawing refers to Design "E and F" units.
  2. Unit shown in vertical orientation. Drawing applies to horizontal and vertical units.
  3. Not all components shown, for clarity.