

## OA DAMPER SECTION INSTALLATION & REMOVAL PROCEDURE

**WARNING!** Turn off all power supplies to equipment and controls prior to servicing unit. Follow all safety codes.

**TOOLS REQUIRED:**

5/32" hex (Allen) tool, long handle	1/2" deep-socket with 12" extension
1/4" nut driver	safety glasses
3/8" nut driver	work gloves
1/2" socket	

**DAMPER SECTION REMOVAL PROCEDURE:**

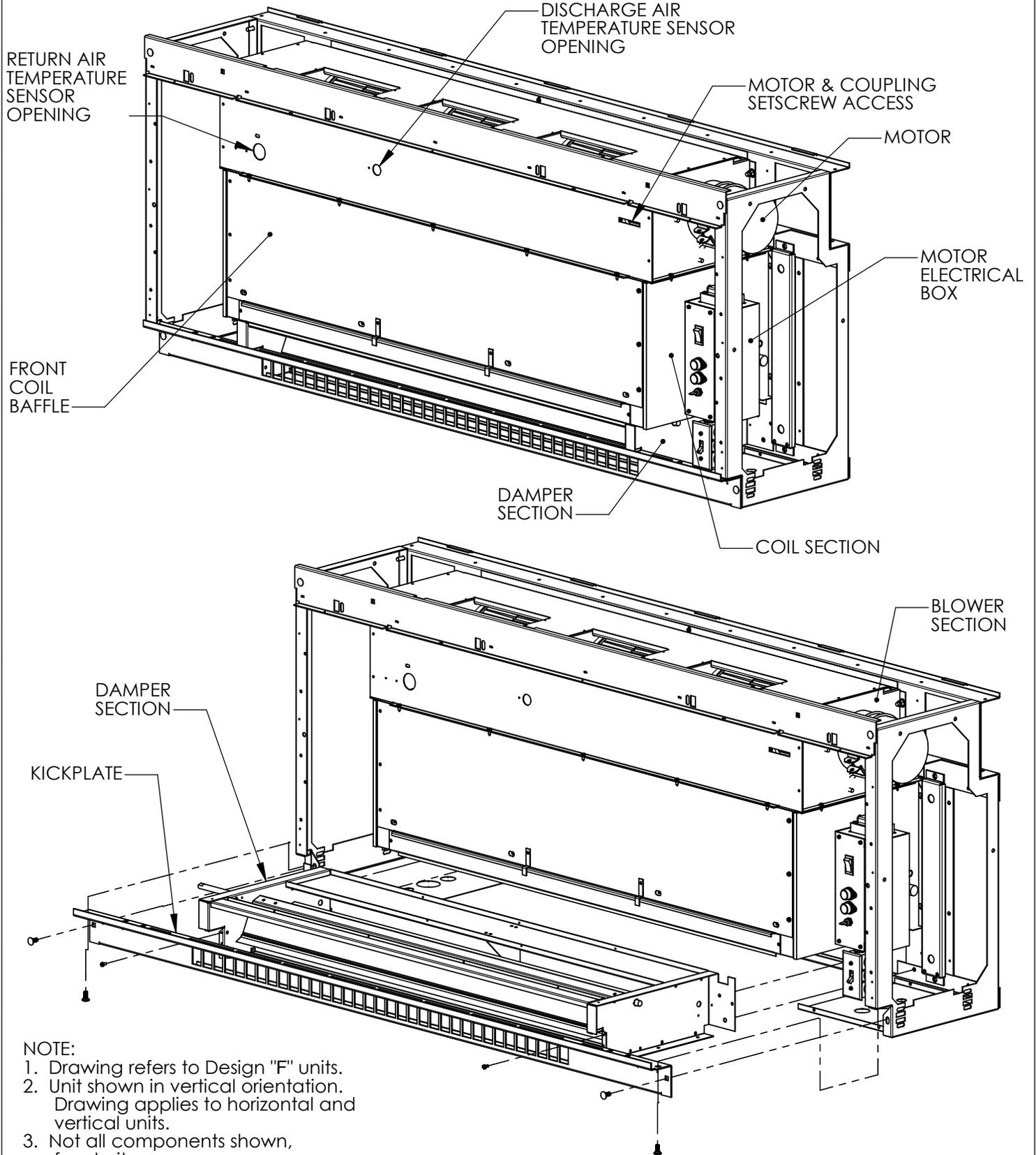
STEP NO.	TOOLS REQUIRED	INSTRUCTIONS	REFERENCE DRAWING
1	5/32" hex (Allen) tool 3/8" nut driver	Remove all front (JCUVF) or bottom (JCUHF) panels. Remove end panels. Tag each right front panel (JCUVF) or middle bottom panel (JCUHF) for each unit. Panels have electrical information specific to each unit.	-
2	1/2" socket	Remove (4) carriage bolts (#74) and nuts securing kickplate to end frames.	UVF-400-3
3	1/4" nut driver	Remove the (2) 1/4" head screws (#71) securing kickplate to the damper sides (1 per side) and remove kickplate. <b>Tag kickplate for each unit. Kickplate has electrical information specific to each unit.</b>	UVF-400-3
4	1/4" nut driver	Remove 1/4" head screws attaching OA actuator to damper shaft OR attaching locking quadrant assembly to damper shaft. Remove OA actuator or locking quadrant assembly.	-
5	1/4" nut driver	Remove (6) 1/4" head screws (3 per side) securing damper to UH rear panel (JCUHF).	-
6	1/2" deep-socket with 12" extension	Remove (2) 5/16" nuts attaching damper assembly to back frame.	-
7	-	Remove damper assembly from unit.	UVF-400-3

**DAMPER SECTION INSTALLATION PROCEDURE:**

STEP NO.	TOOLS REQUIRED	INSTRUCTIONS	REFERENCE DRAWING
1		Reverse "DAMPER SECTION REMOVAL PROCEDURE" above.	UVF-400-3

**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 DAMPER SECTION REMOVAL/INSTALLATION



**NOTE:**

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