INSTRUCTIONS FOR (-)XRF-KFA1 MANUAL FRESH AIR DAMPER (-)XRX-AW03 MOTORIZED AND FRESH AIR DAMPER KIT

⚠ Recognize this symbol as an indication of Important Safety Information!

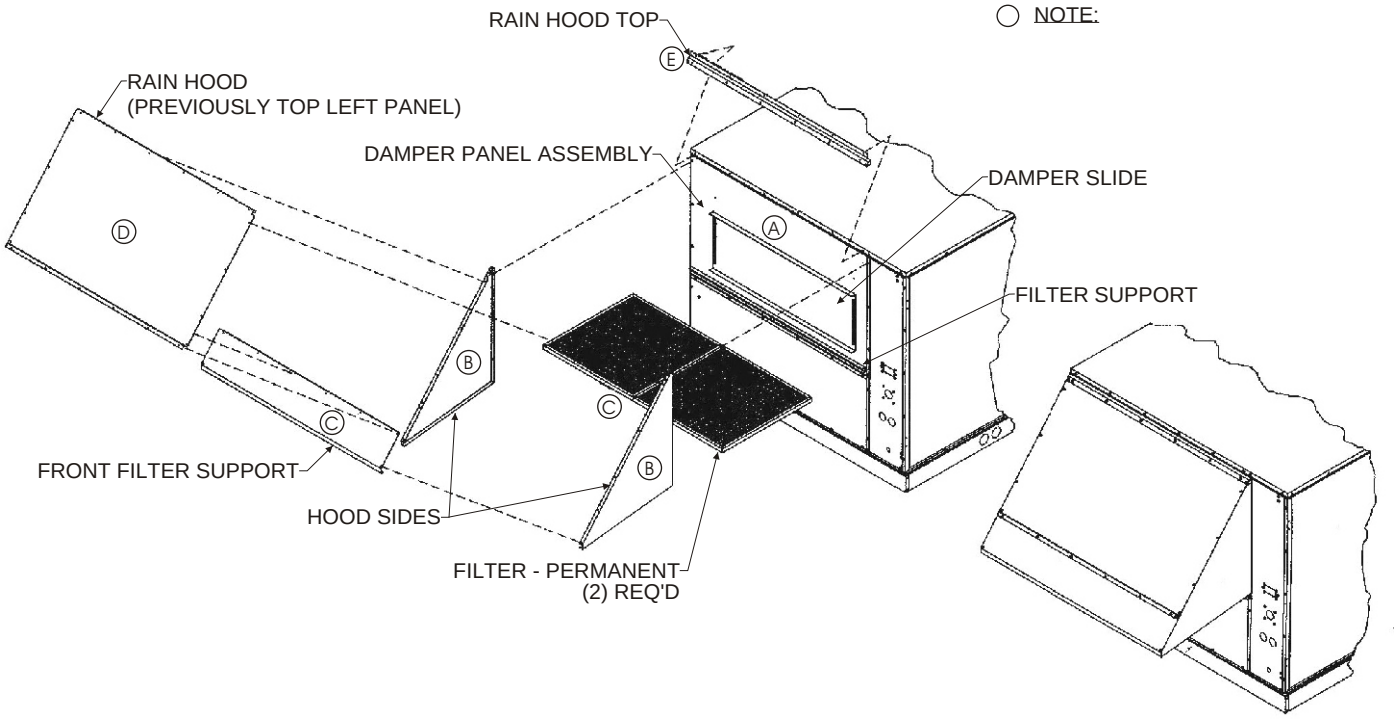
⚠WARNING

THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED, LICENSED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT AND OPERATION OF THIS UNIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING ADJUSTMENT OR OPERATION. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN IMPROPER INSTALLATION, ADJUSTMENT; SERVICE OR MAINTENANCE, POSSIBLY RESULTING IN FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

⚠WARNING

TURN OFF ELECTRIC POWER TO THE UNIT BEFORE ATTEMPTING ANY MAINTENANCE. FAILURE TO DO SO CAN CAUSE ELECTRICAL SHOCK RESULTING IN PERSONAL INJURY OR DEATH.

1. Remove (4) screws from each side of the unit top cover.
2. Remove all screws from top left panel (retain screws and top left panel for later use).
3. Lift top cover high enough to replace top left panel with damper panel assembly.
4. Replace top left panel with (A) damper panel assembly.
5. Secure the (B) hood sides to the edges of the (A) damper panel assembly with (6) screws removed in step 2.
6. Adjust damper slide to appropriate opening now.
7. Trap (C) filters between (C) front filter support and filter support on the (A) damper assembly while attaching to the (B) hood side with (3) screws provided.
8. Attach (D) rain hood (previously the top left panel) to the (B) hood side with (4) screws each side, (6) screws between rain hood and front filter support.
9. Attach (E) rain hood top to the same location as upper edge of (A) damper panel assembly with (6) screws that were removed in step 2.
10. Secure (E) rain hood top to rain hood and hood side with (8) screws provided.
11. Secure all remaining screws, making sure that all weather exposed screw holes use the screws.

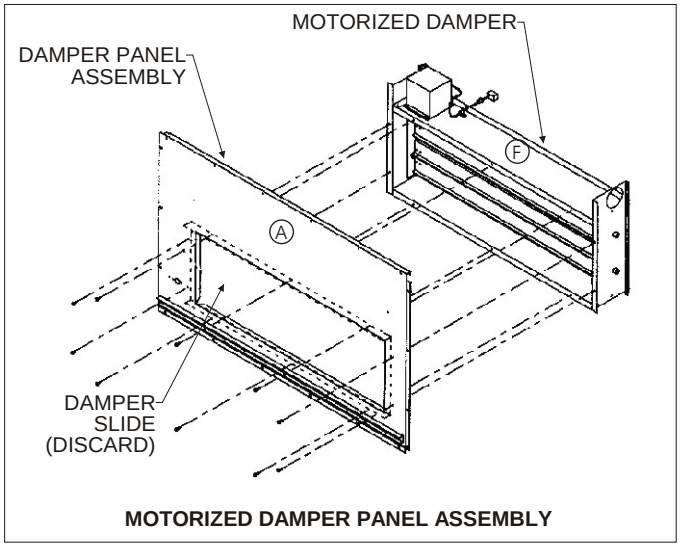


IF UNIT HAS AN EXISTING MANUAL FRESH AIR DAMPER

Refer to page 1. Reverse assembly procedure until damper panel assembly is removed. Assemble motorized damper assembly (see (F) below). Then reassemble fresh air damper using motorized damper assembly.

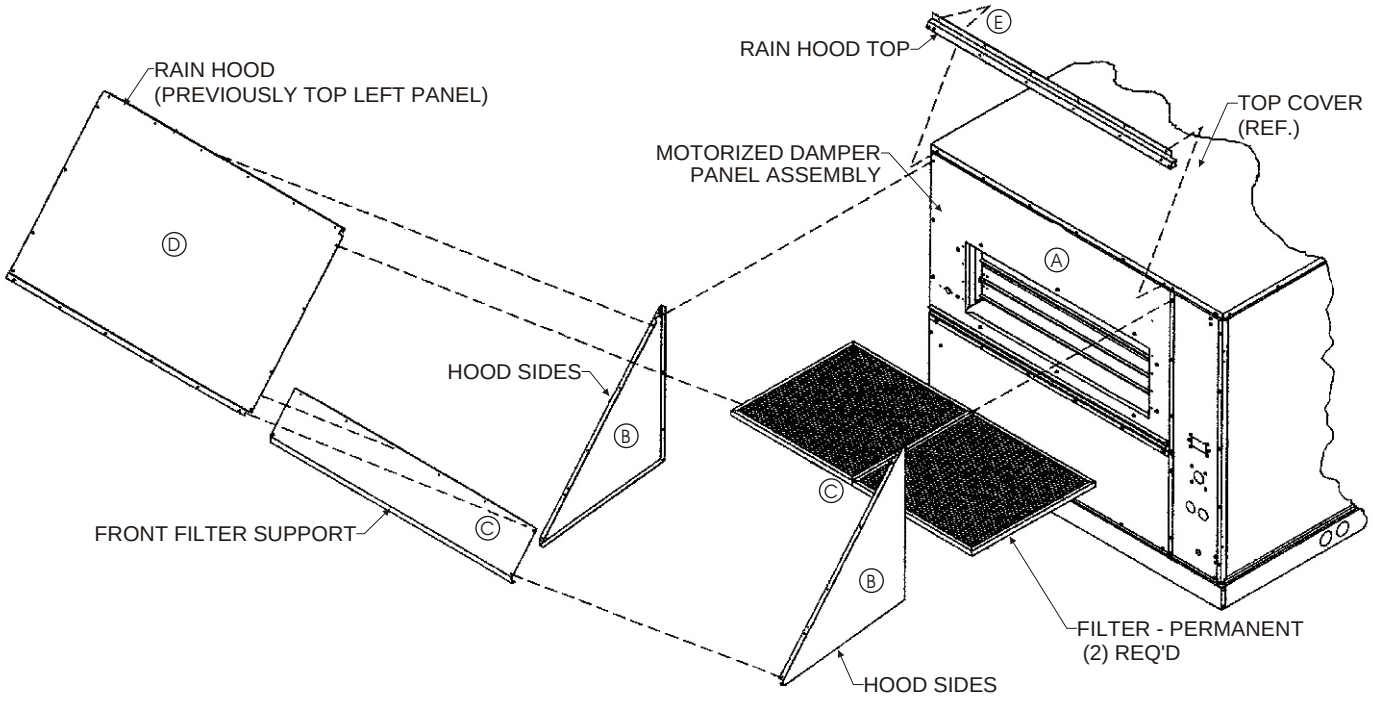
IF UNIT HAS NO EXISTING MANUAL FRESH AIR DAMPER

1. Assemble motorized damper panel assembly by removing the damper slide from damper panel assembly, then attaching the (F) motorized damper to the opposite side. Use (6) of the screws from the damper slide to attach the motorized damper.
2. Remove (4) screws from top cover sides.
3. Remove all screws from top left panel (retain screws and top left panel for later use).
4. Lift top cover and remove top left panel. Plug power cord for motorized damper into polarized wire harness connector.
5. Apply power to unit and set minimum damper position with adjustment wheel on damper motor.
6. Secure the (B) hood sides to the edges of the (A) motorized damper panel assembly with (6) screws removed in step 3.
7. Trap (C) filters between (C) front filter support and filter support on the (A) damper assembly while attaching to the (B) hood side with (3) screws provided.
8. Attach (D) rain hood (previously the top left panel) to the (B) hood side with (4) screws each side, (6) screws between rain hood and front filter support.
9. Attach (E) rain hood top to the same location as upper edge of (A) damper panel assembly with (6) screws that were removed in step 3.
10. Secure (E) rain hood top to rain hood and hood side with (8) screws provided.
11. Secure all remaining screws, making sure that all weather exposed screw holes use the screws.



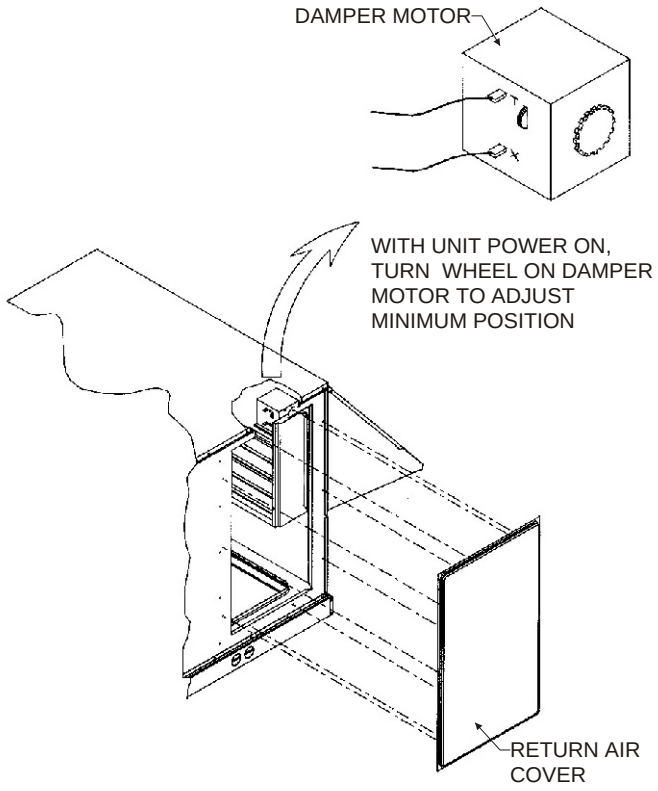
MOTORIZED DAMPER PANEL ASSEMBLY

NOTE:



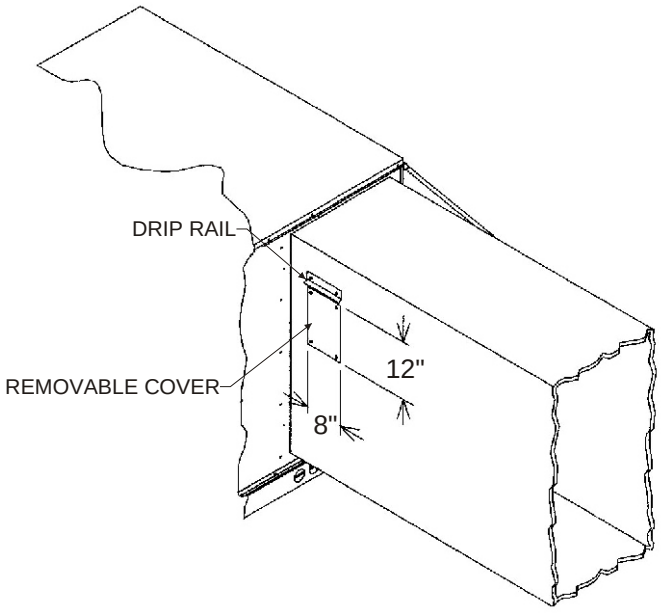
TO ADJUST DAMPER MINIMUM POSITION

1. Remove return air cover.
2. Apply power to unit.
3. Supply fan **must** be on.
4. Turn potentiometer wheel on damper motor to adjust damper minimum position,
5. After successfully adjusting damper position, replace return air cover.



FOR HORIZONTAL AIR FLOW INSTALLATIONS

1. Installer must provide opening in return air duct with removable cover for access to minimum position adjustment on motorized damper.
2. Remove cover on return air duct.
3. Apply power to unit.
4. Supply fan **must** be on.
5. Turn potentiometer wheel on damper motor to adjust damper minimum position.
6. After successfully adjusting damper position, replace cover on return air duct.



HARNESS ENDS AT PL6 & PL7

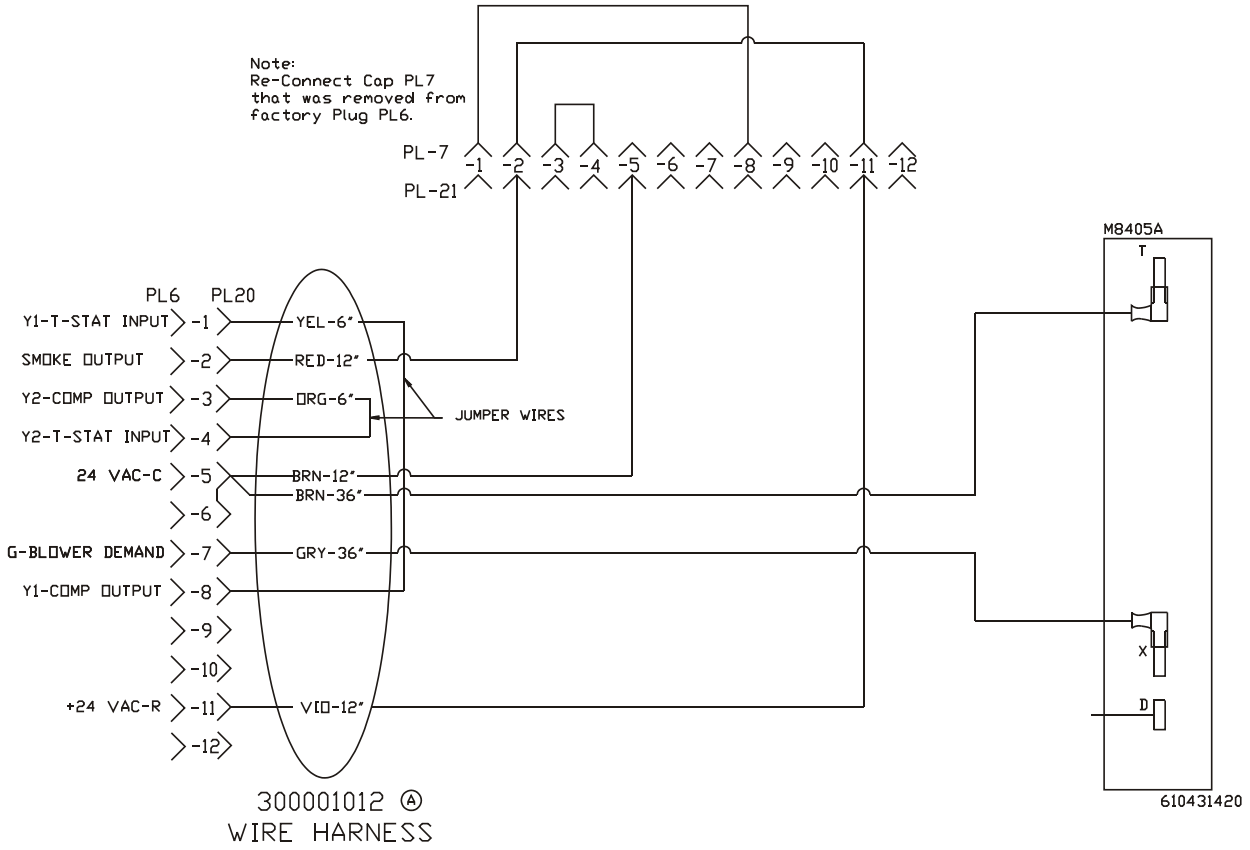
COMPONENT CODE

Economizer	
M8405A	Damper Actuator 24v
PL6	Male A/C Unit Plug
PL7	Female A/C Unit Plug
PL20	Female Damper Plug
PL21	Male Smoke Plug

WIRE COLOR CODE

BLK	Black	BLU	Blue
BRN	Brown	GRY	Gray
ORG	Orange	RED	Red
VIO	Violet	WHT	White
YEL	Yellow		

Revision	Change	Date
A	ECN# 6857	07-09-14



Notes:
1. Unit wiring shown as reference only. Check unit wiring for actual unit wiring.

0-35% Motorized Outside Air
RKNL / RLNL 180-300

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Date: July 9, 2014
Supercedes: 03-19-09
Drawn by: MGL
Unit #: 60-287-16
Diagram#: 6028716w
Approved by: