

## Step 1:

Check for correct number of parts. See list below and **Figure 1**. (Unit requires two assemblies)

- 2 ea. – Hood Top (A)
- 4 ea. – Hood Sides (B)
- 4 ea. – Filter Channel (C)
- 2 ea. – Filter (D)
- 2 ea. – Filter Access Panel (E)
- 2 ea. – Door Panel w/ OA Slide and Motorized Damper (F)
- 2 ea. – Hardware Bag

## Step 2:

Assemble outdoor air hood. **See Figure 2**.

- A. Secure the filter channels to the hood sides using the supplied #10-16 x ½ screws.
- B. Place the hood sides to the inside of the side flange of the hood top and secure with the supplied #10-16 x ½ screws.
- C. Slide the filter inside the filter channels.
- D. Place the filter access panel over the hood side panels and secure with #10-16 x ½ screws.

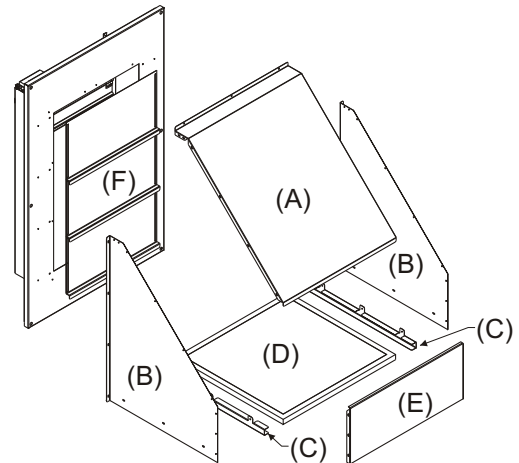


Figure 1

## Step 3:

Adjust the position of the O/A slides on the door panel to determine the amount of fresh air provided to the unit. **See Figure 1**. Remove the slides for 100% outdoor air. After the slides are in the desired position, Secure the outdoor air hood to the door panel using the provided #10-16 x ½ screws. **See Figure 2**.

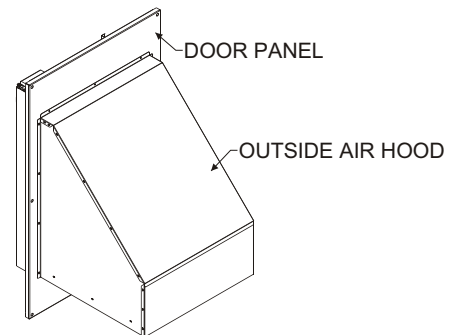


Figure 2

## Step 4:

Remove the rear access panels from unit as shown in **Figure 3**. Retain hardware for later use.

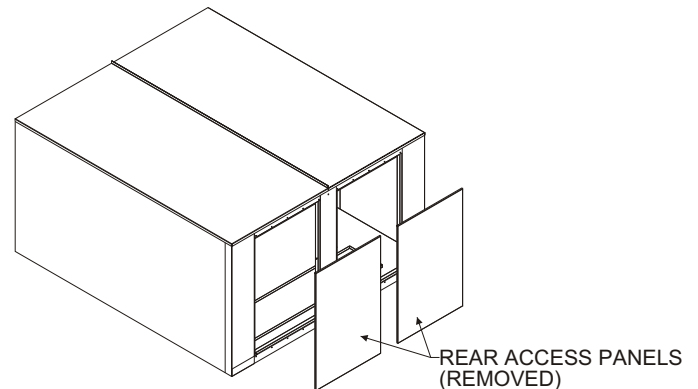


Figure 3

## Step 5:

Center the door panel over the return air access openings. Align the holes in the top and bottom of the door panel to the holes in the rooftop unit. Secure the door panel to the unit using the hardware retained from Step 4. **See Figure 4**.

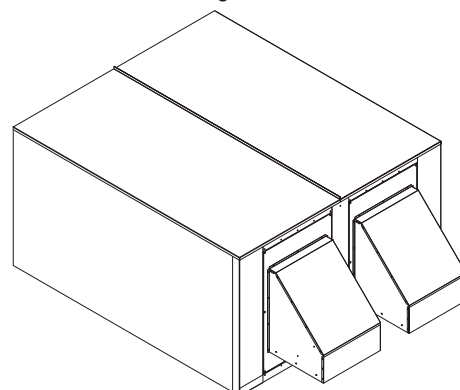


Figure 4

## Step 6:

Wire motorized damper per wiring diagram.

**HARNESS DETAIL**

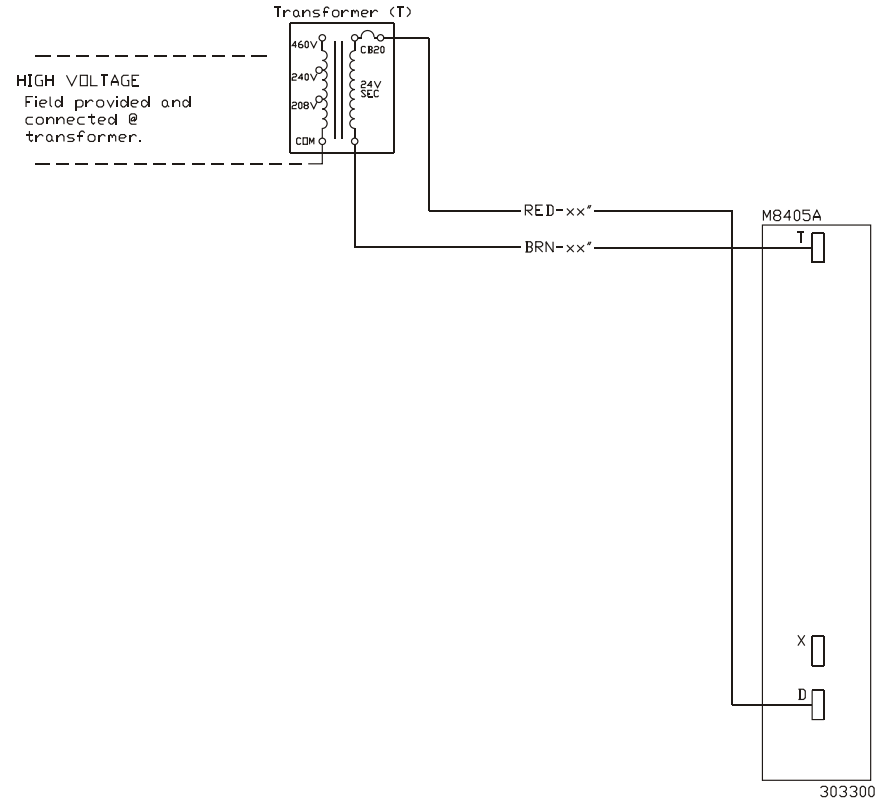
**COMPONENT CODE**

**WIRE COLOR CODE**

**Economizer**

M8405A Damper Actuator 24V  
T Transformer

BRN Brown  
RED Red



**Notes:**

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

**0-100% Motorized Outside Air Damper for  
010-225004-241**

Magic Aire  
501 Galveston Street  
Wichita Falls, TX 76301  
Phone (940) 397-2100  
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Date: July 12, 2005

Supersedes:

Drawn by:

Unit # 010-225004-241

Diagram# 30205W