

# INSTALLATION INSTRUCTIONS

## INSTALLATION INSTRUCTIONS 0-100% MOTORIZED FRESH AIR (2MD04700324) D\*CG/D\*CE/D\*EE/D\*EG/D\*HE/D\*HG B\*CH/B\*HN 036-072

The 0-100% manual outside air system is designed to replace the unit duct cover. No drilling on the unit or field assembly is required. A 2-position control motor that opens the intake damper when the blower is energized. The amount of air is controlled by the a adjustable slide damper on damper motor.

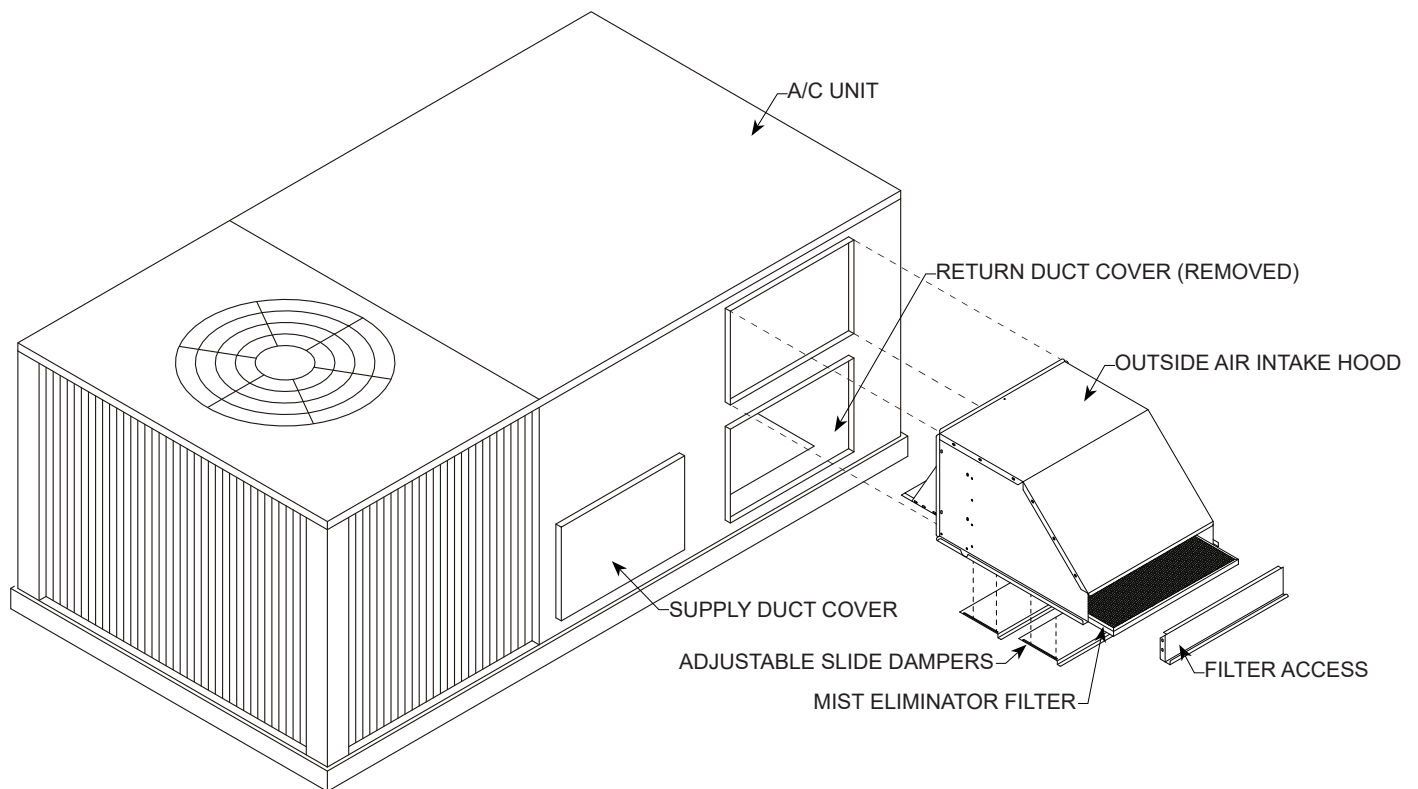


Figure 1

### Step 1:

Check for correct number of parts. See list below:

1 ea. - Outside Air Intake Hood with slide dampers and filter.

### Step 2:

Remove return air duct cover from unit, and save the screws.

### Step 3:

Remove unit filter access panel. Route wiring through unit to plug the S5 connector to the P5 connector in the A/C unit.

### Step 4:

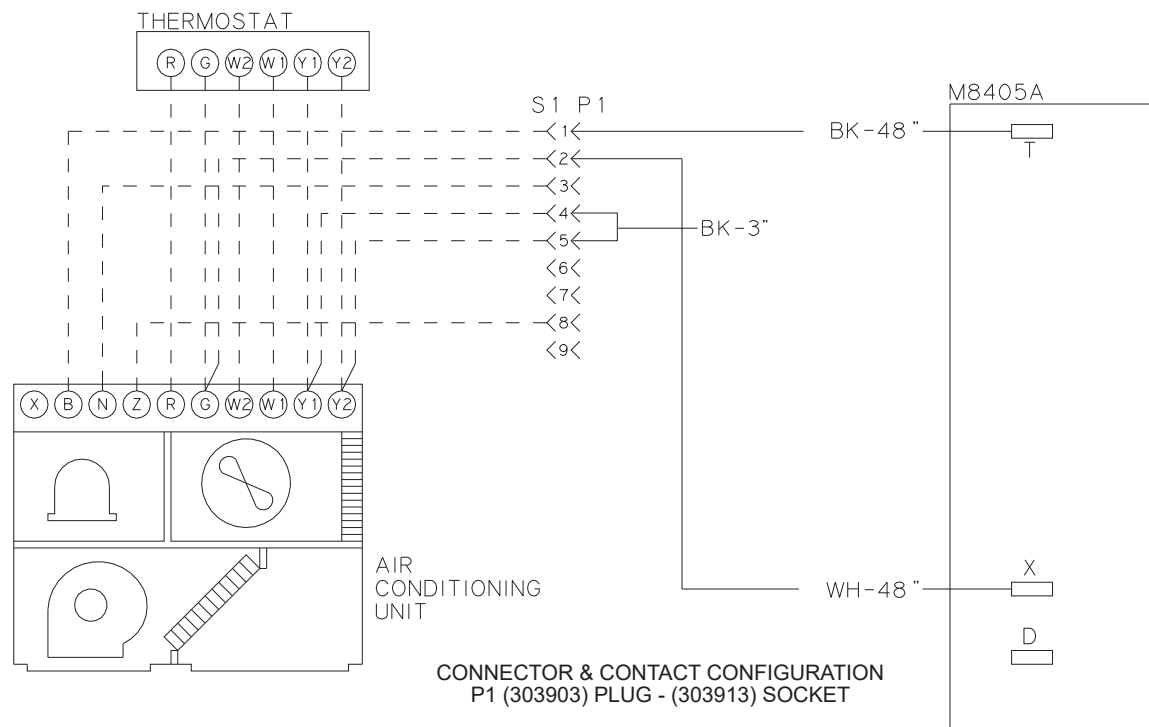
Install outside air assembly as shown in **Figure 1** over duct opening with the screws removed in **Step 2**.

### Step 5:

Adjust the slide damper to the desired position.

**NOTE: It will be necessary to remove intake hood top, so the second and third slide damper can be removed, if the full amount of outside air is required.**

<b>HARNESS DETAIL</b> E# = WIRE END DESIGNATION E2 STUD #6 18 Ga. Wire E3 Female ¼ Quick Disc. E4 Male ¼ Quick Disc. Insul E6 Wire Nut Size 73B  <b>HARNESS ENDS AT (S5) FRESH AIR PLUG</b>	<b>COMPONENT CODE</b>  <b>Economizer</b>  S5 Unit Plug (Female) P5 Fresh Air Plug (Male) M8405A Damper Actuator 24V	<b>WIRE COLOR CODE</b>  BK Black WH White	Revision	Change	Date



**Notes:**

- Unit wiring shown as reference only. Check unit wiring for actual unit wiring.
- Y2 must be energized for the compressor to operate.

2-Position Solid State Controls (2MD04700324)  
D\*CG/D\*CE/D\*EE/D\*EG/D\*HE/D\*HG  
B\*CH/B\*HN 036-072

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Supersedes: 01-28-00

Drawn by:

Unit #: 80-302-13D

Diagram#: 30213DW

Approved by: