INSTALLATION INSTRUCTIONS
MODEL RXRF - FAB1
0-35% MOTORIZED OUTSIDE AIR

The 0-35% 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 slide damper on damper motor. The intake panel is fully insulated..

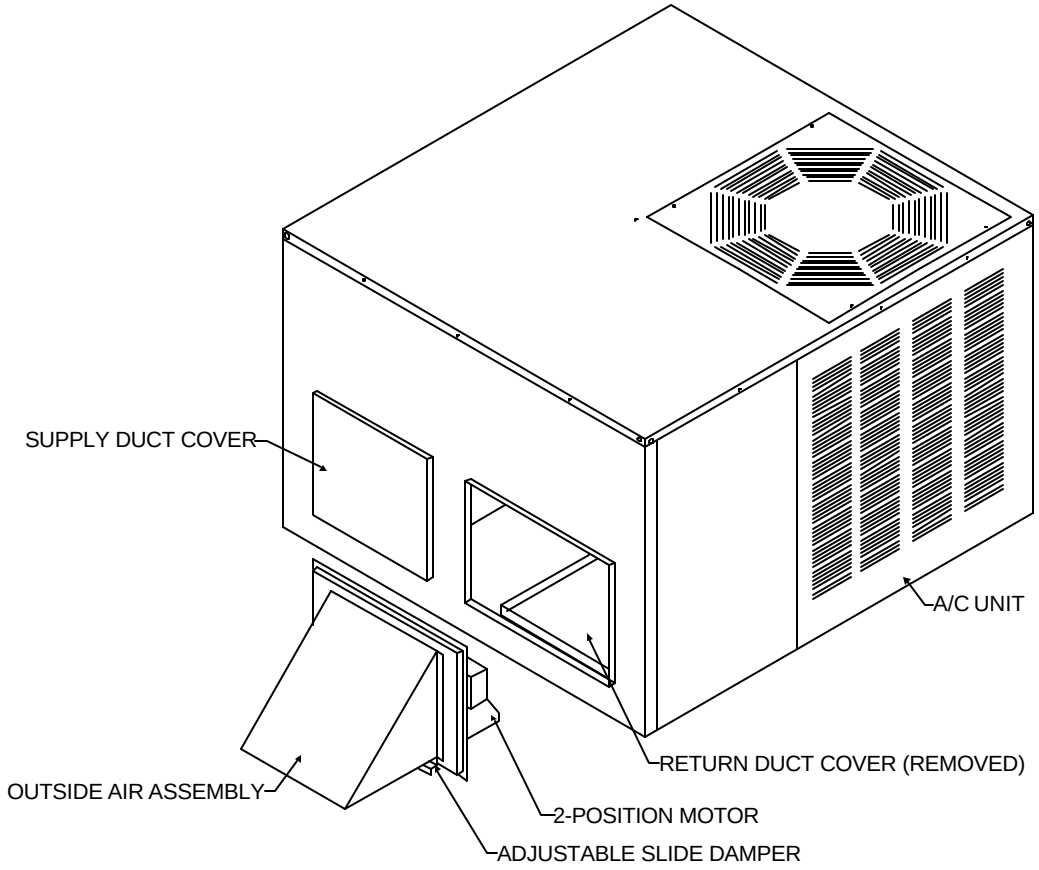


FIGURE 1

STEP 1:
Check for correct number of parts. See list below:
1 ea. - Outside Air Intake damper assembly with hood and slide damper.

STEP 2:
Remove return air duct cover from unit, and save the screws.

STEP 3:
Remove blower access panel. Route the cable through the panel next to coil, then along division wall behind blower over division wall to low voltage.

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.

SUPERCEDES 10-06-94

JUNE 15, 1995

RM35MAD21

HARNESS DETAIL

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

E7—BRN—80"—1
E7—GRN—80"—4

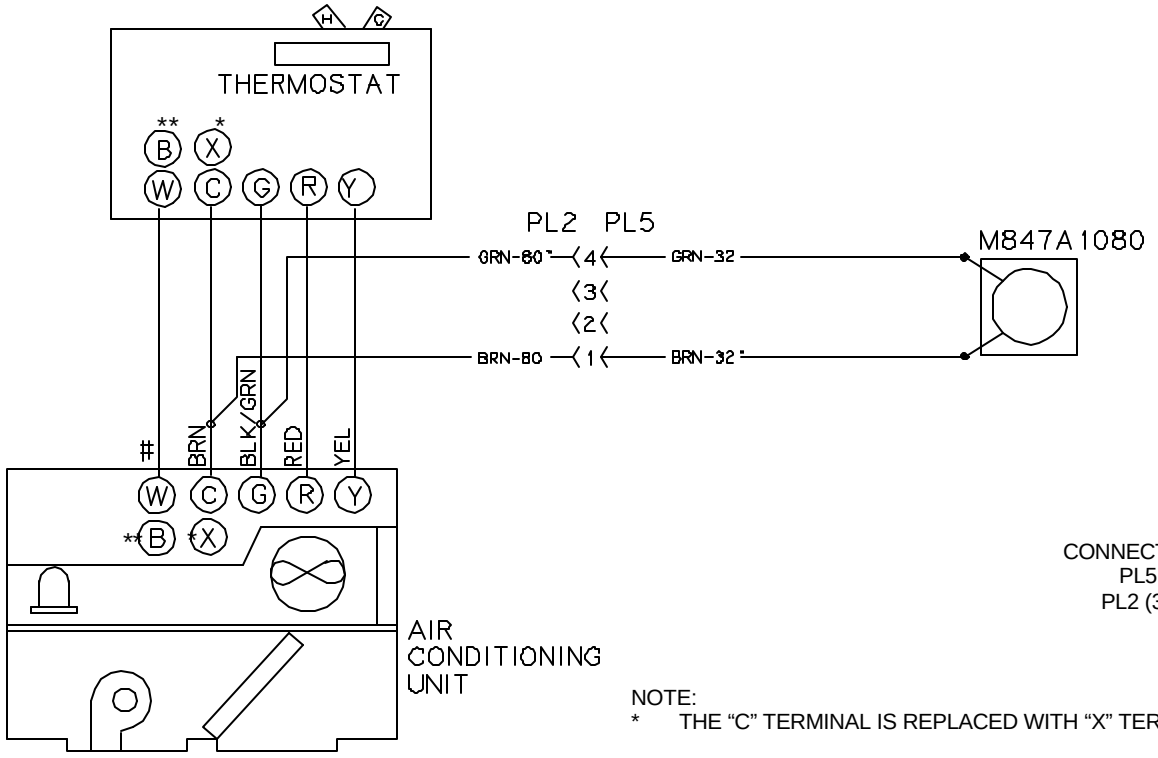
HAR NESS ENDS AT PL2

COMPONENT CODE

Economizer
M847A1080 Damper Actuator 24v
PL5 Male Economizer Plug
PL2 Female A/C Unit Plug

WIRE COLOR CODE

BLK/GRN	Black/Green
BRN	Brown
RED	Red
YEL	Yellow
GRN	Green



CONNECTOR & CONTACT CONFIGURATION
PL5 (303903) PLUG - (303901) PIN
PL2 (303904) CAP - (303902) SOCKET

NOTE:
* THE “C” TERMINAL IS REPLACED WITH “X” TERMINAL ON PACKAGED AND HEAT PUMP.

** THE “W” TERMINAL IS REPLACED WITH “B” TERMINAL ON HEAT PUMP.

Notes:
1. Unit wir ing shown as ref er ence only. Check unit wir ing for ac tual unit wir ing.

0-25% MO TOR IZED DAMPER
RQKA/RSKA/RRKA 018- 042
RQMA/RSMA/RRMA 018- 042

Roof top Sys tems, Inc.
2405 McIver Lane
Car roll ton, Texas 75006
Phone (972) 247- 7447
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Date: De cem ber 12, 1997
Drawn by:
Unit # 60- 282/287- 21
Dia gram# 28221W