

INSTALLATION INSTRUCTION

Installation Instructions for (OAD) Outside Air Damper
Kit # 547864 used with R4G(M,N)-090 Units
Kit # 547874 used with R4G(M,N)-120 / Q5SN-090/120 Units
Kit # 547865 Damper Section w/ Motor used with either 547864/547874

FORM# 607A-0808 (607A-0298)

I - SHIPPING AND PACKING LIST

Package 1 of 1 contains:

547864 / 547874

- 1 - OAD Panel with Slide Damper
- 1 - Control and Filter Access Panel
- 1 - Fresh Air Hood with Filter
- 2 - Snap Clips (304260)
- 38 - Screws 10 x 1/2 x 16 Hex Tex

547865

- 1 - Damper Section with Motor

Check contents for shipping damage. Contact the last carrier immediately if any shipping damage is found.

II - APPLICATION

The Outside Air Dampers (OAD) are designed to fit the Return Access Panel. The manual dampers are adjusted by a slide damper and motorized dampers use a 2-position motor that opens when blower is energized.

III - INSTALLATION - MANUAL (547864 / 547874)

1. Remove unit return access panel.
2. Install OAD panel where return panel was removed. Add clip to each side near top of panel using existing screw from unit post.
3. Assemble fresh air hood. See Figure 1.
4. Install filter access panel and secure to unit.
5. Adjust slide damper to desired position.

IV - INSTALLATION - MOTORIZED (547865)

1. Remove OAD panel from unit or box depending on new or retro fitting existing unit.
2. Remove 1/2" screws located in clearance holes of hood on OAD panel. See Figure 2.
3. Take 1" screws shipped with damper and start in holes where screws in Step 2 were removed.
4. Place damper section to engage 1" screws in flange of damper. See Figure 2.
5. Place OAD Panel in same place unit panel was located. Connect (P1) plug from OAD to (S1) plug in unit located in economizer control panel above filter system.

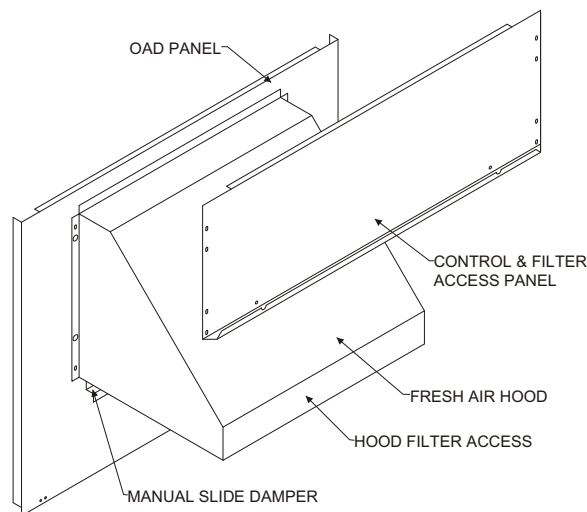


FIGURE 1

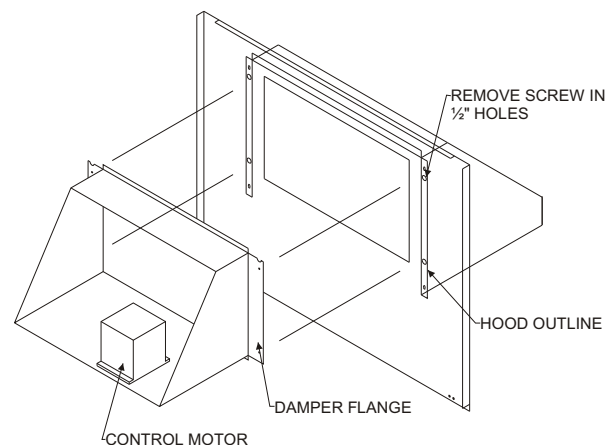


FIGURE 2

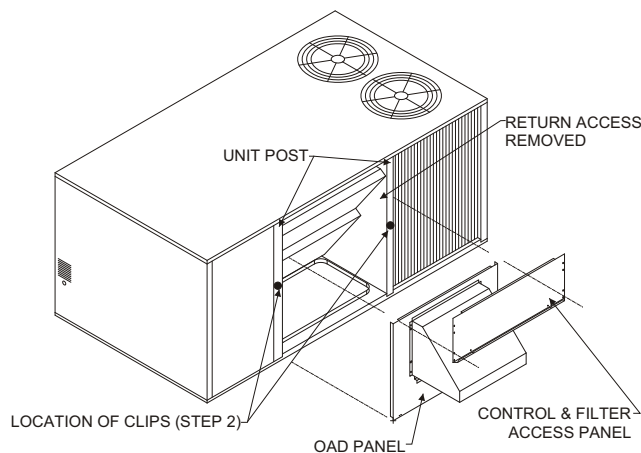
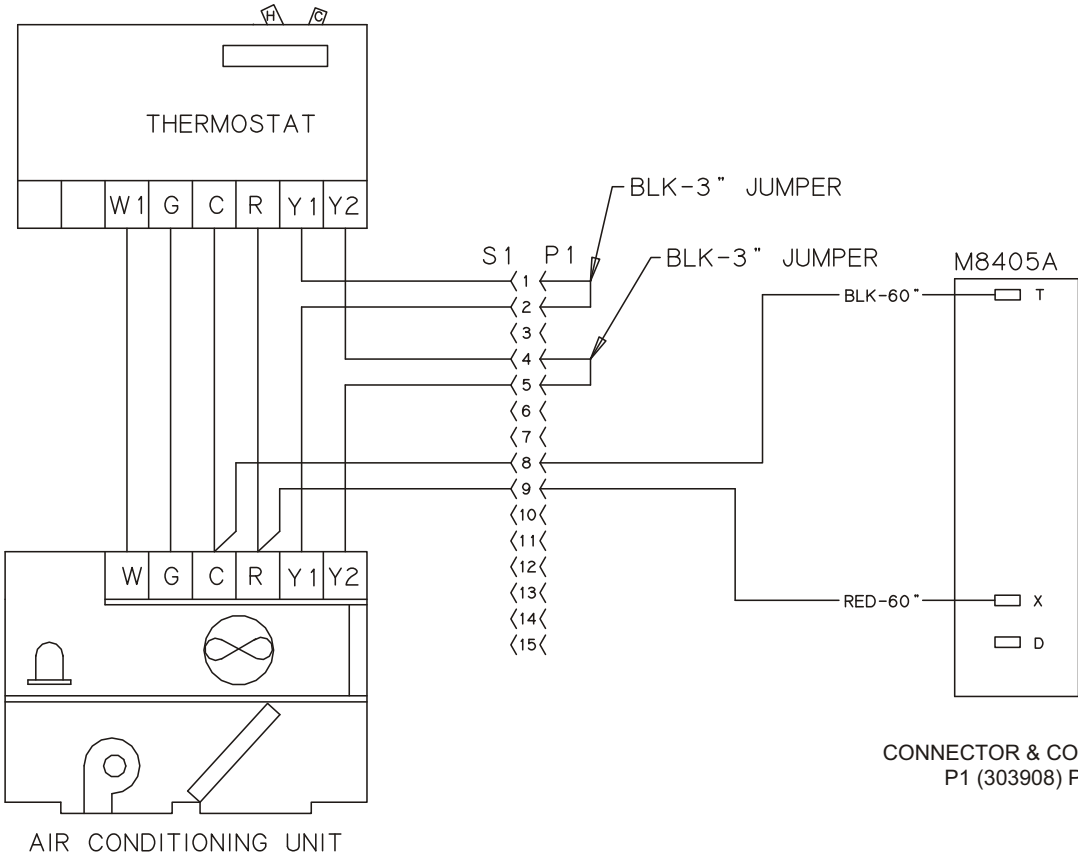


FIGURE 3

HARNESS DETAIL		COMPONENT CODE	WIRE COLOR CODE	
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		Economizer M8405A Dampner Actuator 24V P1 Economizer Plug S1 Unit Economizer Plug	BLK Black RED Red	
HARNESS ENDS AT (P1) FRESH AIR PLUG				



CONNECTOR & CONTACT CONFIGURATION
P1 (303908) PLUG - (303912) PIN

Notes: 1. Unit wiring shown as reference only. Check unit wiring for actual unit wiring. 2. Y2 must be energized for the compressor to operate.	0-35% Motorized Outside Air R4G* 090-120 Q5SN 090-120	
		Date: July 28, 1998
		Supersedes:
		Drawn by:
		Unit # 47-287-07
		Diagram# 28707W