

# INSTALLATION INSTRUCTIONS

## MODEL# RXRF-AGB1

### MOTORIZED DAMPER (nonDDC)

#### STEP 1:

Immediately upon receipt, all cartons and contents should be inspected for transit damage. Units with damaged cartons should be opened immediately. If damage is found, it should be noted on the delivery papers and a damage claim filed with the last carrier. Compare carton(s) contents to the PACKAGE CONTENTS List (**Table 1**) below to note any missing items.

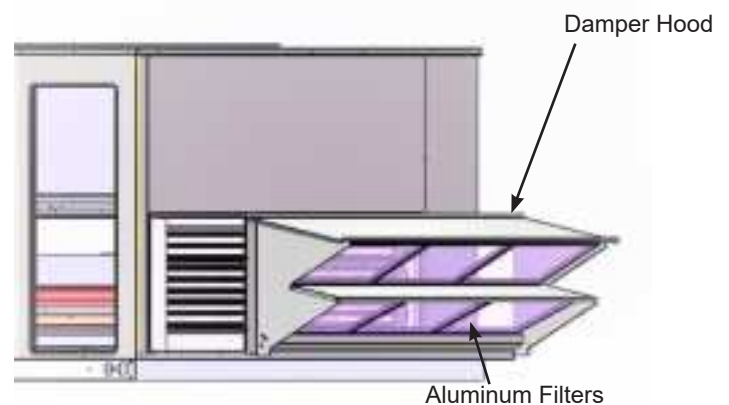
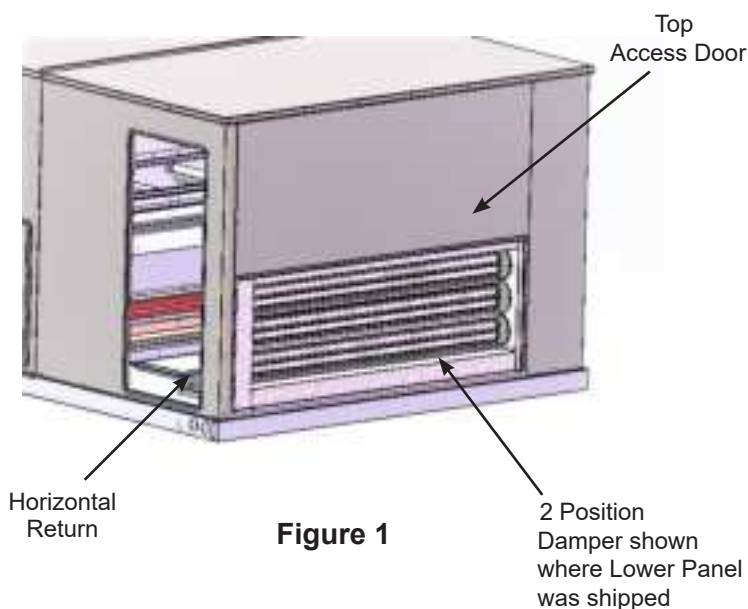
Table 1 - Package Contents		
ITEM	DESCRIPTION	QTY
1	Outside air damper with actuator	1
2	Hood Top	1
3	Hood left side	1
4	Hood right side	1
5	Hood divider A/B	1/1
6	Hood front bracket	1
7	Permanent water entrainment filter 21.188" x 17.125" x 1"	6
8	Hardware bag -(22) 1/2" #10 SMS Screws,I & O Manual,(1) Zip tie	1
9	Hood Hardware bag - (26) 5/8" #10 TEK Screws	1

#### STEP 2:

Remove HORIZONTAL RETURN COVER and LOWER PANEL from the unit (**SEE FIGURE 1**). Retain screws.

#### STEP 3:

Install the 2 position damper into the unit, **SEE FIGURE 1**. Screw damper into unit using the top hole of the two-hole pattern on both left and right side (using the supplied screws).

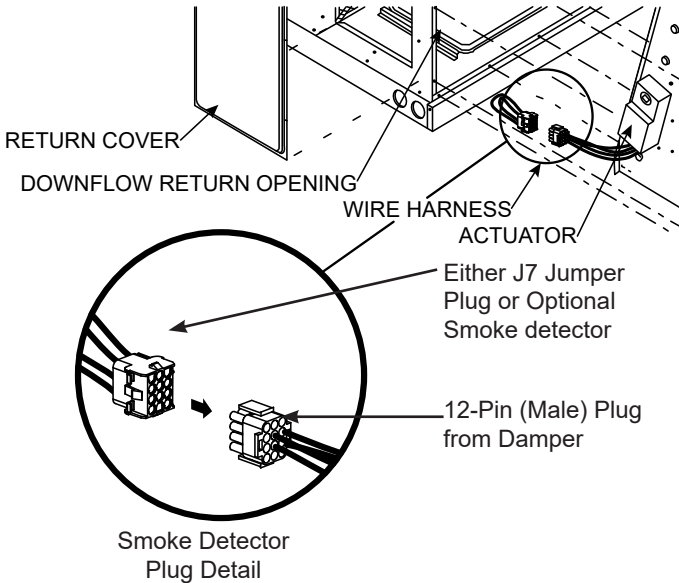
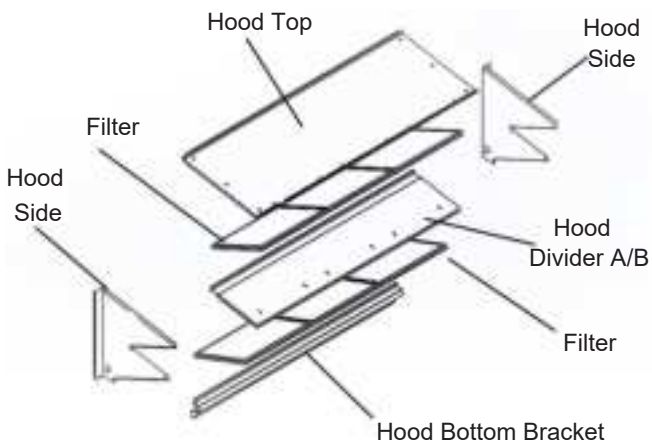


**STEP 4:**

Remove the jumper plug (PL7) from economizer harness in HVAC unit. Connect unit's 12-pin ECONOMIZER PLUG (PL34) to 2 position damper's mating plug (PL8), **SEE FIGURE 3**. If not using a field-installed smoke detector kit, reinstall the jumper plug (PL7) into other 12-pin plug from 2 position damper – note this 12-pin plug will have only 3 wires connected to it. If using a field-installed smoke detector, remove the jumper plug and attach it to this harness with the supplied zip tie for future trouble shooting. Install the smoke detector kit using provided instructions.

**STEP 5:**

Assemble the Hood. Attach the left and right hood side to the Hood Top mounting flange on inside of panel. Use supplied screws to screw in place through prepunched holes in panel. **SEE FIGURE 4**.

**Figure 3****Figure 4****STEP 6:**

Locate hood divider A/B from hood package and assemble it per **FIGURE 4** between the Left and Right hood sides using supplied screws. Then locate the Hood Bottom Bracket and attach between the Left and Right hood sides using supplied screws.

**STEP 7:**

Insert the permanent filter into the hood using the hood divider to rest the filter on the hood divider and hood bottom bracket. Spring filter clips are supplied to help secure the filters. **SEE FIGURE 4**.

**STEP 8:**

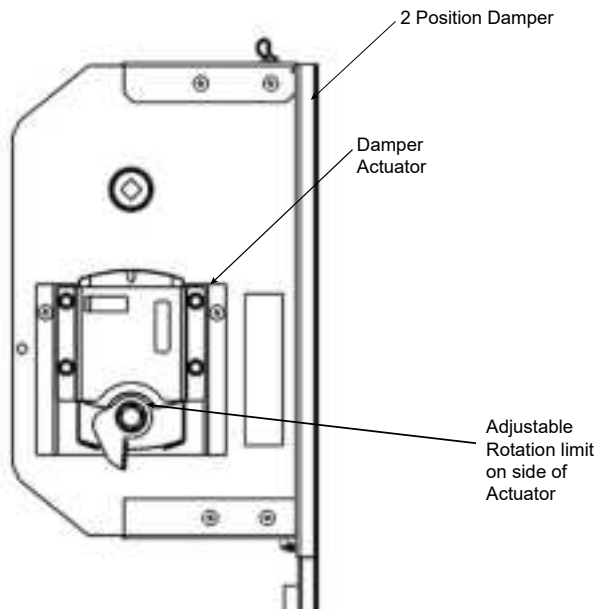
Mount the hood assembly to RTU over the 2 Position Damper. **SEE FIGURE 2**.

**STEP 9:**

The 2 position damper actuator has adjustable mechanical rotation to allow for maximum desired opening setting, **SEE FIGURE 5**. Remove the clip on the actuator shaft holding mechanical stop to the actuator. Now the mechanical stop can be reset to the desired maximum opening position, and then reinsert the clip to hold the mechanical stop in place.

**STEP 10:**

Upon unit startup, ensure that the 2 position damper opens when the indoor fan is on.



**Figure 5**

## 2 Position Non-DDC Wiring Diagram

