

Installation Instructions

SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressure and electrical components. Only trained and qualified service personnel should install, repair, or service air-conditioning equipment.

Untrained personnel can perform the basic maintenance functions. All other operations should be performed by trained service personnel. When working on air-conditioning equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Follow all safety codes. Wear safety glasses and work gloves.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies a hazard which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury or death.

Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing, safety glasses and gloves when handling parts and servicing air conditioning equipment.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death.

Before performing service or maintenance operations on unit, always turn off main power switch to unit and install lock(s) and lockout tag(s). Unit may have more than one power switch. Ensure electrical service to rooftop unit agrees with voltage and amperage listed on the unit rating plate.

Table 1 – Package Contents

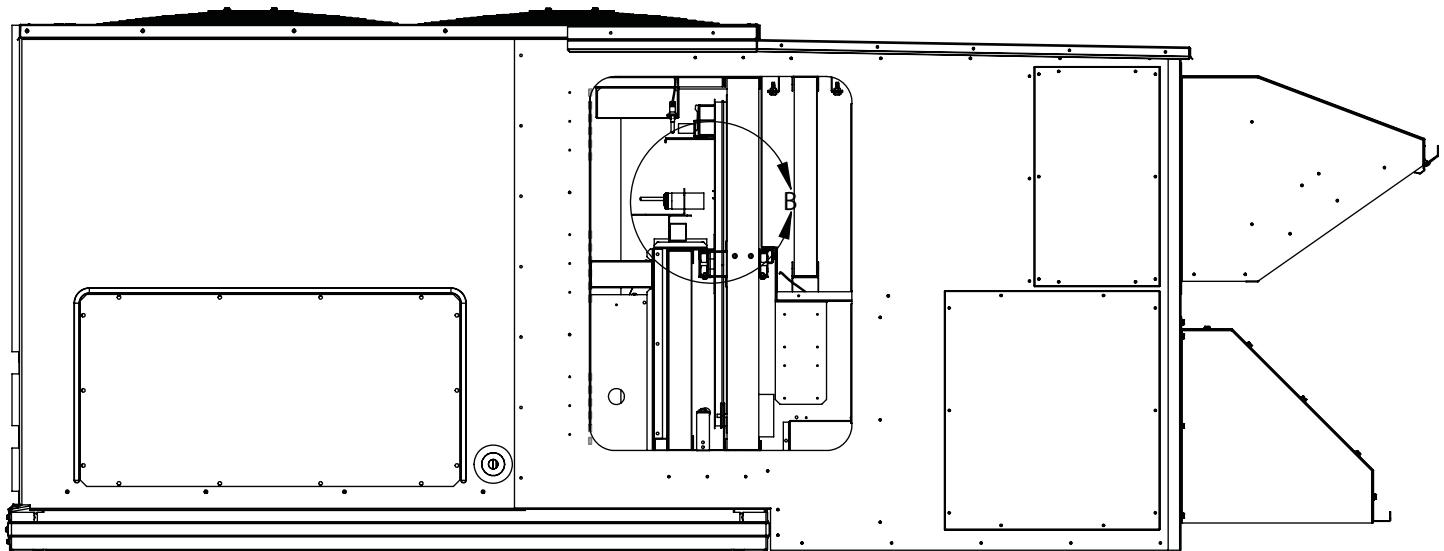
ITEM	QTY
Relay 3PDT 24 VAC Coil 50/60 Hz W	1
Sensor Motor #XSAV12801 F/ERV	1
#10X1/2 HWH Sheet Metal Screw Zinc	2
Cable 4 Plastic Tie Wire RT400	4
Wheel Sensor Bracket	1

WHEEL SENSOR INSTALLATION

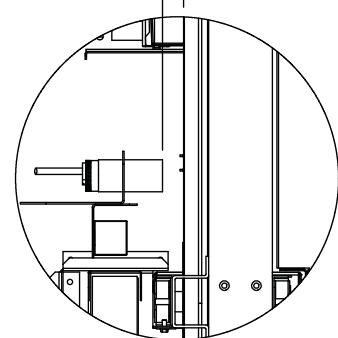
1. Open ERV door.
2. Attach wheel sensor and wheel relay sensor to bracket as shown.
3. Install bracket with wheel sensor and relay to the area just behind the wheel using the holes provided. (See Fig. 1.)
4. Adjust wheel sensor so that is about 1/4-in. from the wheel to start off with. (See detail in Fig. 1.)

NOTE: More adjustments may need to be done in order to work properly.

5. Plug the harness supplied with the kit into the plug (PL135) that is located on the scoop area. The scoop is the angled sheet metal assembly with dampers next to the rooftop unit indoor coil.
6. Turn the ERV back on and check the adjustment by looking at the light on the back of the wheel sensor. The light should be flashing as the wheel passes. If the light is not passing adjust the sensor closer to the wheel until the light starts flashing.
7. Once adjusted, tighten both nuts around the sensor and zip tie wires away from the wheel.
8. Close ERV door.



.25 in. (6.35 mm)



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Fig. 1 - Wheel Sensor