

INSTALLATION INSTRUCTIONS

FIELD INSTALLED SLAB ECONOMIZER ACCESSORY MODEL 2EE04707524 / 2EE04708324

1187808-UAI-A-1014 (RSI FORM# YKIGEJ29)

FOR 3 THRU 12.5 TON SINGLE PACKAGE EQUIPMENT APPLICATIONS WITH / WITHOUT AN ENERGY RECOVERY VENTILATOR

General

The instruction provides all the necessary information to properly field install this economizer on the above indicated equipment.

Economizer Model 2EE04707524 / 2EE04708324 has a single input solid state enthalpy sensor that provides automatic 100% outdoor air capability.

Refer to the respective unit wiring diagram for information regarding electrical circuitry on the economizer.

Step 1:

Verify all unit parts in box.

- 1 ea. - Damper Assembly
- 1 ea. - Barometric Relief Hood
- 1 ea. - Fresh Air Hood w/ Filter
- 1 ea. - Hardware Bag
 - 18 ea. - Screws #10 - 16 x ½ Type A
 - 24 ft. - Gasket ⅝ x ½
 - 18 ea. - Clip U Type Nut

Step 2:

Remove the horizontal duct cover and the two (2) rear panels from the end of the unit as shown in **Figure 1**. Retain horizontal duct cover, rear panels, and screws to be used in later Steps.



Figure 1

Step 3:

Slide the damper assembly into the unit as shown in **Figure 2**.



Figure 2

Step 4:

Plug the economizer cable into the unit as shown in **Figure 3**. The "jumper" plug that ships with the unit should be removed and saved in the control compartment for future needs.



Figure 3

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Step 5:

Slide the damper assembly until it is flush with the unit as shown in **Figure 4**.

DO NOT secure damper assembly to unit at this time.



Figure 4

Step 6:

Reinstall the horizontal duct cover that was removed in **Step 2**, with the screws that were also removed in **Step 2**.

Step 7:

For installing the Discharge Air Sensor, open the access door to the blower compartment and locate the cables on the left side with two wires with insulated connectors as shown in **Figure 5**.



DISCHARGE AIR SENSOR WIRES

Figure 5

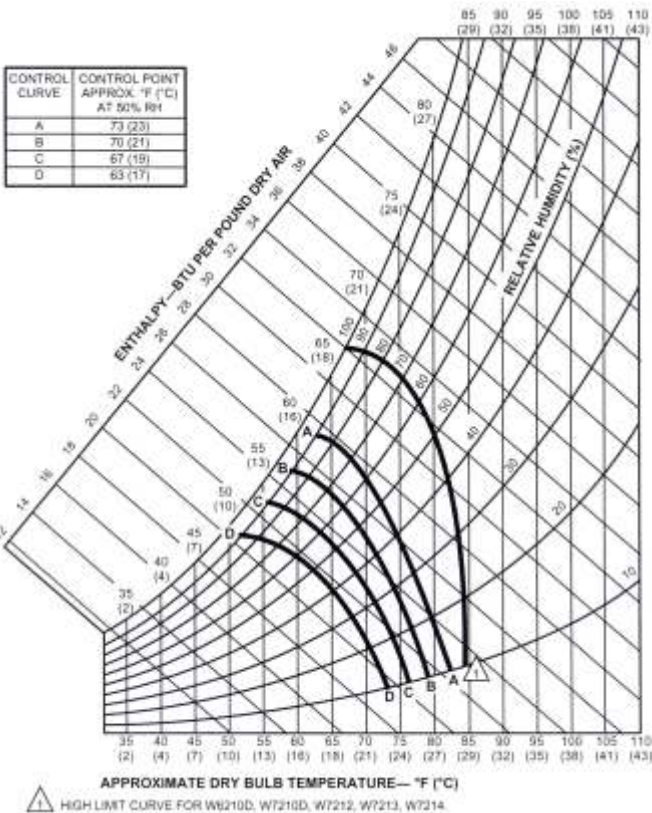
Step 8:

Plug the Discharge Air Sensor into the two wires with insulated connectors inside the unit, and using a wire tie, strap the Discharge Air Sensor to the cable as shown in **Figure 6**.



DISCHARGE AIR SENSOR

Figure 6



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Step 8:

Using the screws that were removed in **Step 2**, install the assembled Barometric Relief Hood in the place that the lower rear panel was located as shown in **Figure 7**.



Figure 7

Step 10:

Using the screws that were removed in **Step 2**, install the assembled Fresh Air Hood in the place that the upper rear panel was located as shown in **Figure 9**.



Figure 9

Step 9:

Using the screws that were shipped with the economizer, install lower rear panel that was removed in **Step 2** and secure to Barometric Relief Hood as shown in **Figure 8**.



Figure 8

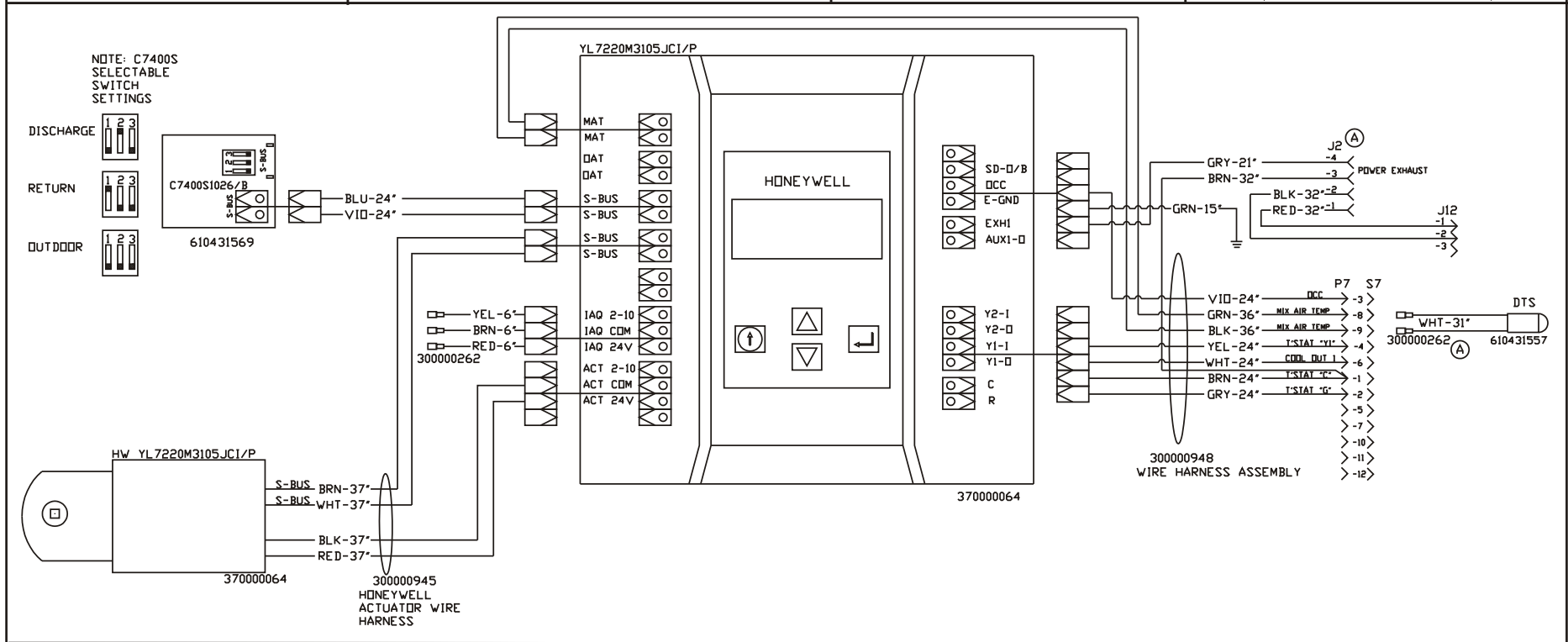
Step 11:

Using the screws that were shipped with the economizer, install upper rear panel that was removed in **Step 2** and secure to Fresh Air Hood as shown in **Figure 10**.



Figure 10

HARNESS ENDS AT PL7	COMPONENT CODE	WIRE COLOR CODE	Revision	Change	Date
	DTS Mixed Air Sensor	BLK Black	BLU Blue		
	C7400S Fresh Air Sensor	BRN Brown	GRN Green		
	MS3105 Damper Actuator 24v	GRY Gray	ORN Orange		
	PL7 Male Economizer Cap	RED Red	TAN Tan		
	W7220 Logic Module	VIO Violet	WHT White		
		YEL Yellow			



Notes:

- Unit wiring shown as reference only. Check unit wiring for actual unit wiring.

Gear - Modulating Economizer Return Damper

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