

# ASSEMBLY INSTRUCTIONS

## ASSEMBLY FOR POWER EXHAUST FOR DCC / DCG / DCH 090-150

**Step 1:**

Remove the barometric relief hood from the economizer/RTU. Set aside

**Step 2:**

Remove the barometric relief damper assembly from the economizer by removing the 6 screws holding it in place. Set aside.

**Step 3:**

Install the power exhaust assembly in the economizer by first routing the power and control wires through provided holes to the economizer controls then attaching the power exhaust using provided screws in the same 6 screw locations as the barometric relief damper assembly.

**Step 4:**

Hook up high and low voltage wires according to the wiring diagram.

**Step 5:**

Set barometric relief hood on a firm flat area to work on it.

**Step 6:**

Remove bird screen from the front of the hood.

**Step 7:**

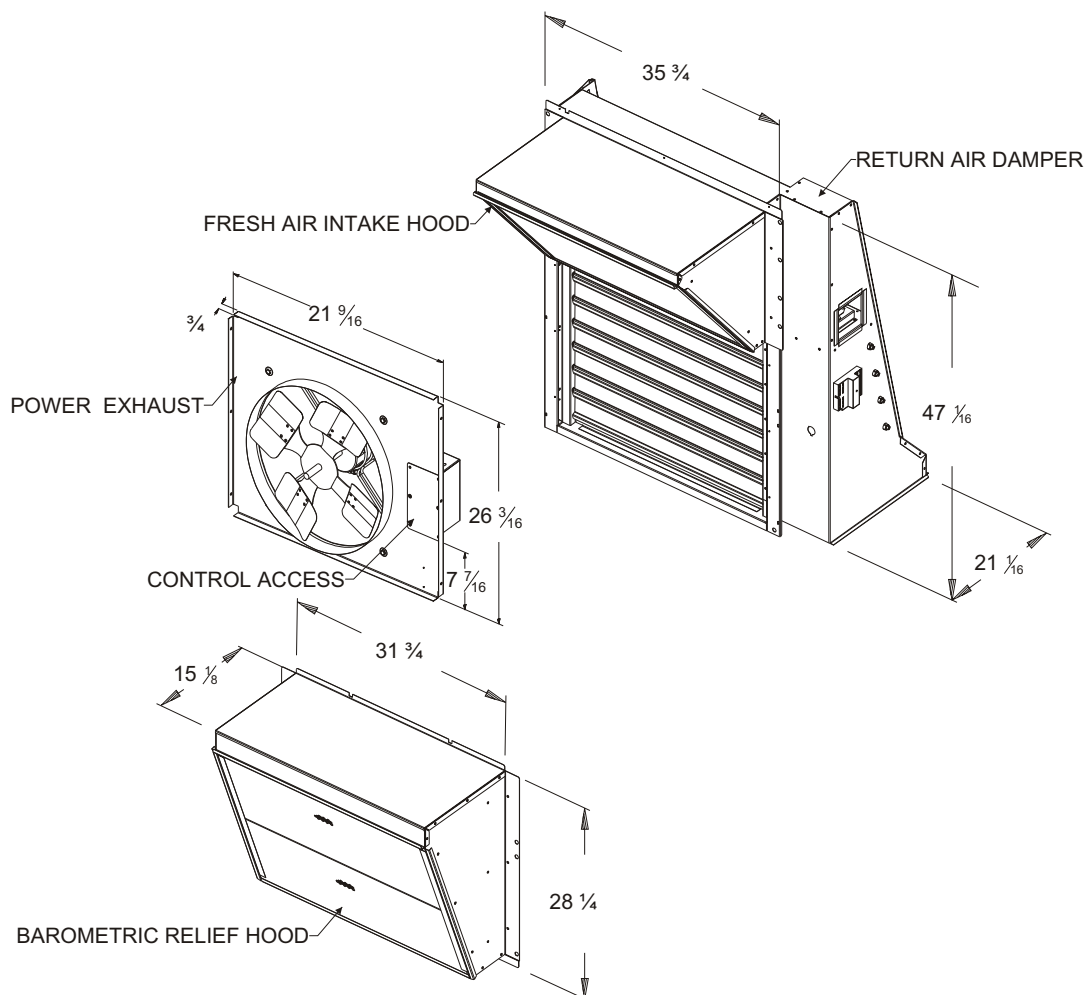
Install the barometric relief damper assembly in the barometric relief hood making sure the assembly opens out. The screws should have to be accessed from the front of the hood.

**Step 8:**

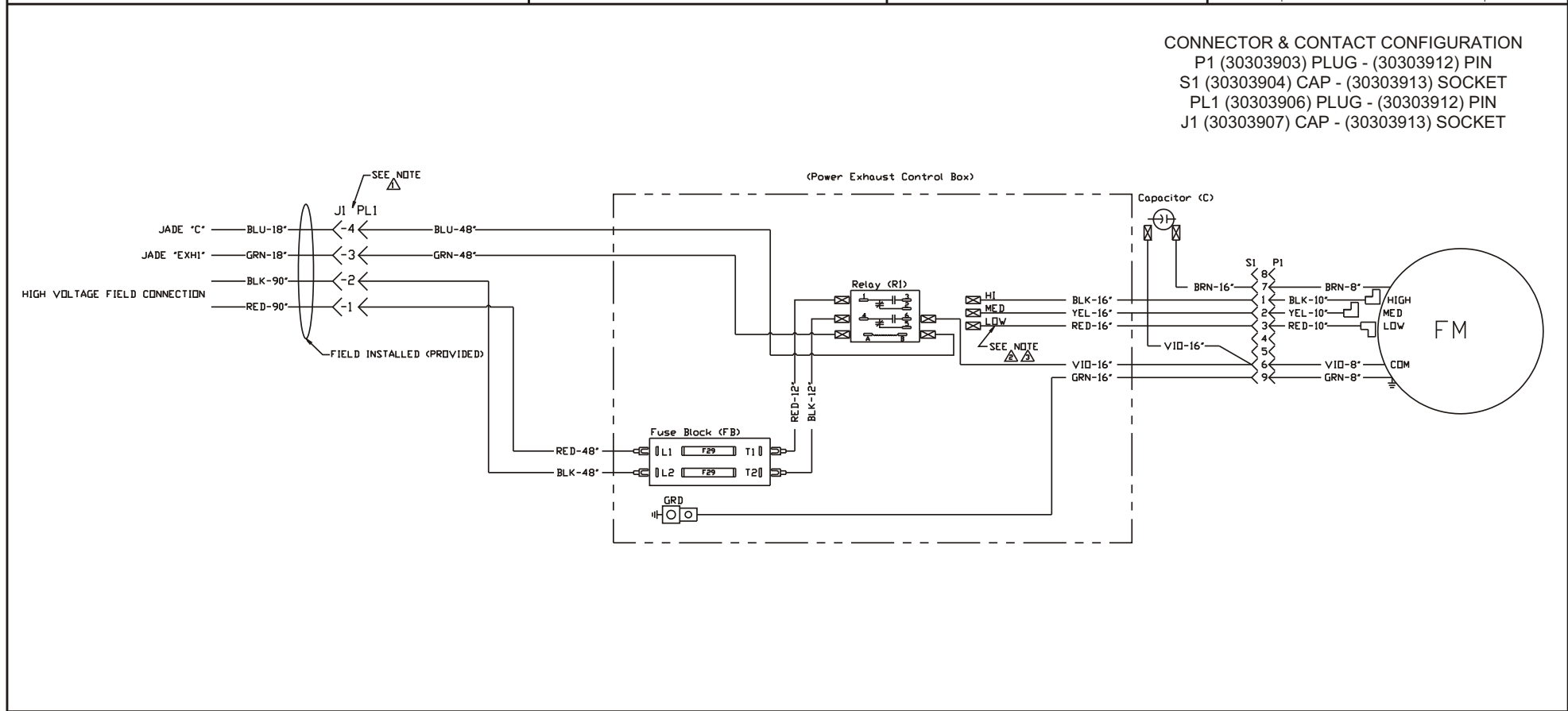
Once the damper assembly is in the hood and opening freely reinstall the bird screen and then reinstall the relief hood on the economizer/RTU. Seal if necessary.

**Step 9:**

Test the new power exhaust for proper operation, make sure fan is spinning the correct direction, the barometric relief blades are opening freely and the assembly is weather tight.



HARNESS ENDS AT PL1	<b>COMPONENT CODE</b> C Capacitor F29 Fuse FB Fuse Block FM Fan Motor GRD Ground J1 Power Exhaust Harness P1 Motor Plug Male PL1 Plug Unit Interface R1 Relay - Exhaust Fan S1 Control Box Female	<b>WIRE COLOR CODE</b>  BLK Black      BLU Blue BRN Brown    GRN Green GRY Gray      ORN Orange RED Red       VIO Violet WHT White     YEL Yellow	Revision	Change	Date
			A	Added J1 Harness	08-13-12
			B	Changed Title Block	12-06-13



<b>Notes:</b> 1. Connect <b>PL1</b> to <b>J1</b> from economizer. 2. A. Power Exhaust wired for <b>High</b> speed. B. For <b>Med</b> speed disconnect <b>BLK</b> at relay (3), connect <b>YEL</b> at relay (3). C. For <b>Low</b> speed disconnect <b>BLK</b> at relay (3), connect <b>RED</b> at relay (3). 3. <b>Be sure all leads from motor have been covered with tape.</b>	230 Volt 1-Phase Power Exhaust for DCC / DCG / DCH 090-150	
	 1625 Diplomat Drive Carrollton, Texas 75006 Phone (972) 247-7447 Fax (972) 243-0940	Date: December 6, 2013
		Supersedes: 08-13-12
		Drawn by: MGL
		Unit #: 10-465-10-21
		Diagram#: 104651021W
		Approved by: